



CDVI Group

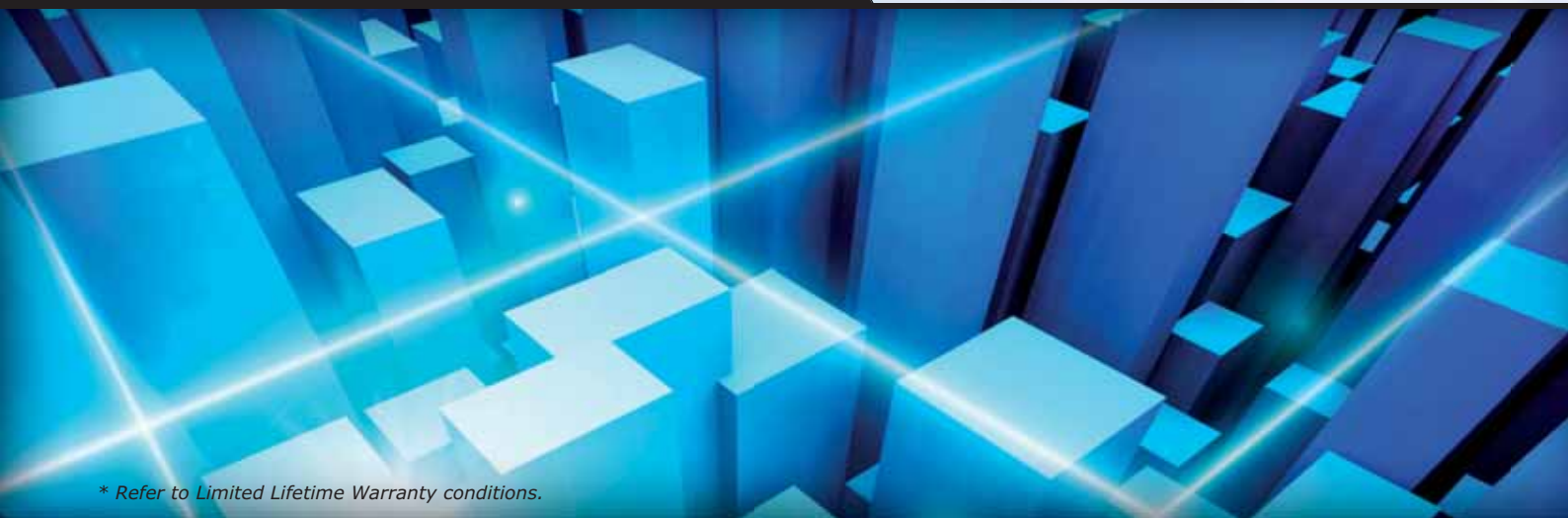
EN



Edition 49 Catalogue

Manufacturing Access Control since 1985

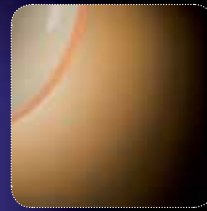
cdvi.co.uk



* Refer to Limited Lifetime Warranty conditions.

cdvigroup.com

Manufacturing Access Control since 1985



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* Refer to Limited Lifetime Warranty conditions.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



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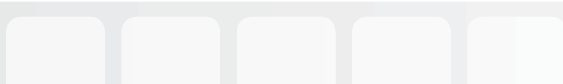
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CDVI Group "Limited Lifetime Warranty" Conditions

The "Limited Lifetime Warranty" is offered by CDVI exclusively for CDVI products featuring the logo "limited lifetime warranty", and supplied by authorized CDVI dealers participating in the offer. You can obtain the address of the local authorized dealer participating in the offer by contacting CDVI or a local CDVI subsidiary. The "limited lifetime warranty" is only applicable to hidden defects detected during the lifetime of the product, as defined by the CDVI Group (10 years or 200,000 operations - whichever of the two expires first). The "limited lifetime warranty" conditions shall not modify the sales conditions between CDVI and its customers.



DURATION OF THE OFFER:

- This offer is valid from July 1st 2010; CDVI reserves the right to terminate this offer without prior notice.
- However, any product already registered up to the date of withdrawal of the offer will remain eligible for the "Limited Lifetime Warranty".
- The warranty applies only to the available products mentioned in the above statement.

CONDITIONS:

- Hidden defects are guaranteed for an unlimited shelf life (period of time before use).
- To be eligible for the "limited lifetime warranty", the product must be registered at CDVI within one month of its delivery to the end user, by completing and returning back the "warranty" form by fax, email or post to the local CDVI subsidiary. This information may also be registered on line at www.cdvigroup.com.
- Only the issue of the "limited lifetime warranty" certificate by CDVI can confirm product registration; CDVI may not be held responsible in the event of loss or non presentation of the form.
- The "limited lifetime warranty" only applies to products installed by skilled and experienced personal with the necessary trade qualifications to install according to the highest standards, respecting the standards, instructions and guidelines defined by CDVI and according to the maximum recommended specifications.
- To enable CDVI to determine whether a product is eligible to claim for the "limited lifetime warranty", after prior issue of a return of materials authorization number (RMA) by CDVI, the customer must return the product and all of its accessories in the original packaging with a copy of its invoice. The transport fees shall be paid by the customer and the package must be returned to CDVI or to a CDVI authorized repair centre.
- Eligibility for the "limited lifetime warranty" cover must be confirmed by CDVI.
- The "limited lifetime warranty" only covers the replacement or repair of the parts acknowledged as faulty by CDVI.

- CDVI reserves the right to respect its obligation by replacing the product or the parts acknowledged as faulty by a standard part replacement or by a product or new parts, or by an updated or improved version of the product with identical or similar functionalities.
- In respect of the applicable law, CDVI cannot be held responsible for material or immaterial damages caused to goods or to third parties and as a direct or indirect result of the installation, utilisation, product faults or poor functioning of a device.
- The "limited lifetime warranty" is non-assignable and non-transferrable; only the person who registered the aforementioned warranty may benefit from the warranty.
- The "limited lifetime warranty" is limited to the eligible product and is strictly limited to the conditions in effect on the date of purchase by the customer.

NOT COVERED BY THE "LIMITED LIFETIME WARRANTY":

The following are not covered by the "limited lifetime warranty":

- Any product which has undergone even the slightest modification or change;
- Any product which has been installed and/or used with any auxiliary device not supplied by CDVI;
- Any product which has been used for demonstrations or display;
- Any product or its elements considered as "consumables" such as fuses, lights and batteries for example;
- Failure or malfunctioning as a result of an accident, poor storage conditions, unsuitable assembly, bad utilisation or handling, poor maintenance, unsuitable repair or intervention.
- Any call-out and installation fees (for assembly and dismantling) as well as transport costs (to and from the repair centre) and maintenance fees.

THE INSTALLER'S RESPONSIBILITIES:

When registering the limited lifetime warranty on-line, the installer is responsible for the information supplied. In case of errors, the limited lifetime warranty will not be applicable.

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



GENERAL INFORMATION

GENERAL INFORMATION

SALES SUPPORT

Websites

These websites were designed to:

- Give you information about the CDVI group network worldwide.
- Keep you updated about the new access control and locking device product.
- Help you search for a product and its features.
- Downloading installation instructions and photos of the products.
- Contacting us for further information or to request a meeting with a salesman.

Index and price lists

The index and price lists for our products are available in Word, Excel and txt format.

Purchasing advisor management & Training modules

These departments have been created to assist the purchasing advisor in the field and manage training modules on site or on-line.

Demo kits/Display units/Posters

We have demo kits available for product presentations (kits or display units), ready to use, for customer demonstrations. For presentations of access control systems with 2000 users or more, please contact your installer.

Marketing

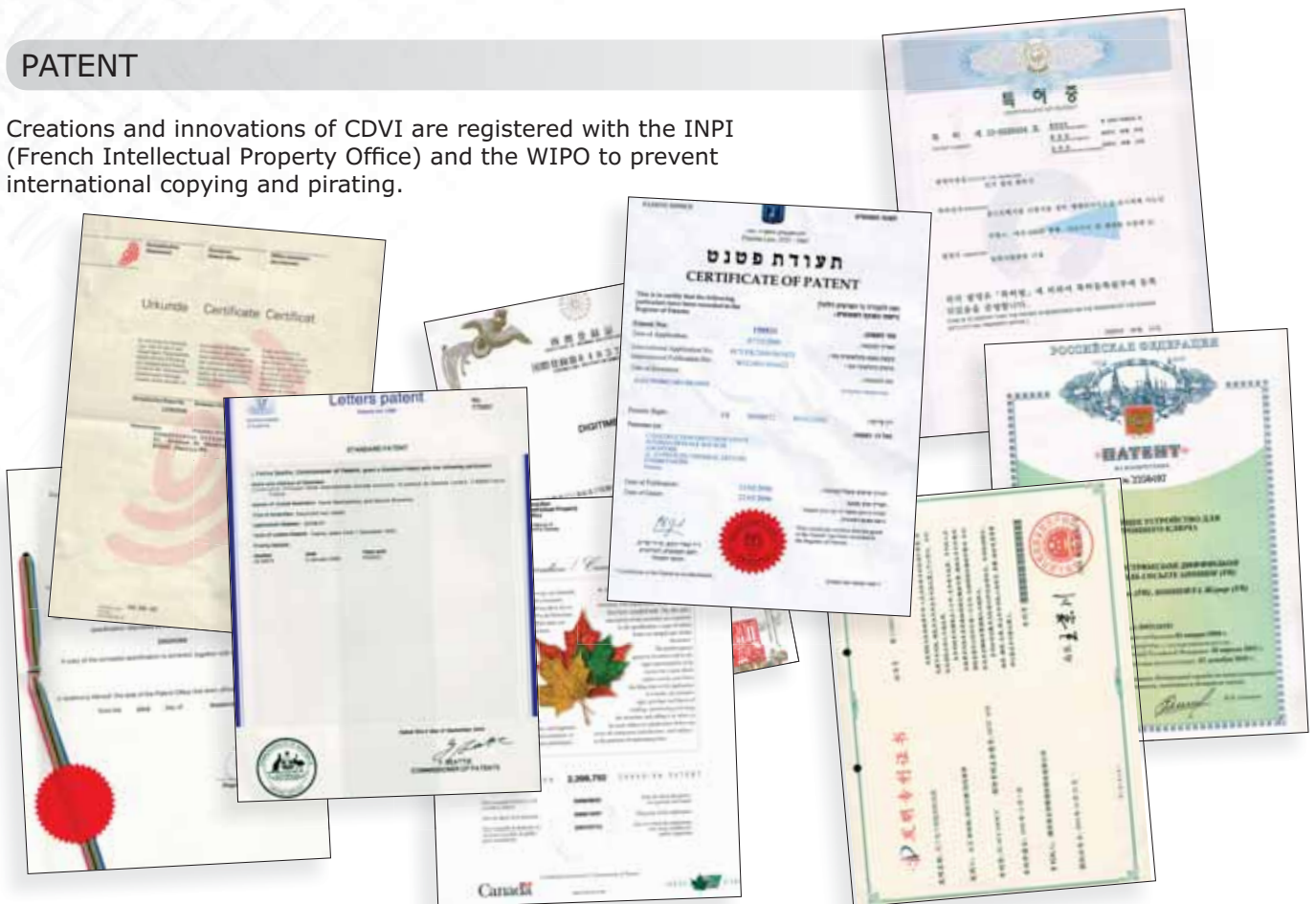
CDVI can supply different marketing material for your show rooms, stands, etc., in the form of posters, PoS advertising, stickers, sales brochures, leaflets, etc....

Interactive catalogue

Available online or upon request.

PATENT

Creations and innovations of CDVI are registered with the INPI (French Intellectual Property Office) and the WIPO to prevent international copying and pirating.



* Refer to Limited Lifetime Warranty Conditions.

ABOUT THE CATALOGUE

This new edition of the CDVI product catalogue has been designed to help you easily understand the products and to assist your choice of the system or product that best meets your needs.

A] CHAPTERS:

Every chapter is marked with specific colours. In the table of contents (Page 3), you will find the chapters and the colour assigned to them to help you find your way around the catalogue.



B] THE COMPARISON TABLE:

In some chapters you will find a table that summarises all the features of the range to help you select the product you need.

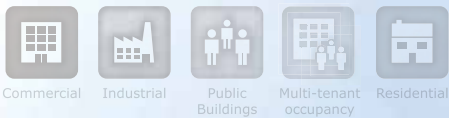


C] INSTALLATION EXAMPLES

In the preamble to certain chapters, systems or products are shown installed in their recommended environment. The environments of the systems and products are shown by the pictograms (placed in the strip at the top of the page or in the product description - See details on the next page).



* Refer to Limited Lifetime Warranty Conditions.



GENERAL INFORMATION

HOW TO CONSULT THIS CATALOGUE (CONTINUED)

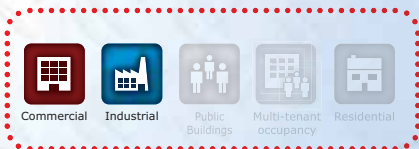
D] PICTOGRAMS

1 - RELATED TO THE PRODUCT OR SYSTEM ENVIRONMENTS

CDVI products are classified according to 5 target environments which are representative of the access control and locking devices market. These pictograms have been placed in the top-left section of the double pages (see below).



When the product or products are recommended for use in a specific environment, the relevant pictogram or pictograms (and the associated text) are coloured while the others are greyed out. For example, when the recommended environments are the industrial and commercial sectors, the pictograms appear as follows:



Pictogram definition:



Commercial:

Administration offices, sales offices, educational establishments and holiday camps, libraries, documentation and archive centres, meeting or conference halls, etc.



Industrial:

Plants, platforms, power stations, etc.



Public Buildings:

Auditoriums, theatres, multi-purpose halls, warehouses, shopping centres, restaurants and bars, hotels and family inns, dance halls, gaming halls, exhibition halls (for commercial purposes), medical establishments, religious establishments, covered sporting venues, museums, ...



Multi-tenant occupancy:

Blocks of apartments, sheltered accommodation, student residences, etc.



Residential:

Individual houses, villas, etc.

2 - WIRING COLOUR CODES

For the system installation examples, colour codes corresponding to the wirings has been defined to simplify the cabling understanding.

RS485 SYT1 8/10 ^{ème} - 2 wires + ground	RS232	RS422 SYT1 8/10 ^{ème} - 4 wires
TCP/IP RJ45	USB USB 2.0 AM BM	
Câbles standards 5/10 ^{ème} - From 2 to 8 wires	Wiegand SYT1 5/10 ^{ème} - From 4 to 7 wires (Up to 50m) SYT1 8/10 ^{ème} - From 4 to 7 wires (Up to 100m)	

* Refer to Limited Lifetime Warranty Conditions.

2 - RELATING TO STANDARDS

CE CERTIFICATION

1] Electromagnetic compatibility (Directive 89/336/EC, amended by directives 92/31/EC and 93/68/EC or 2004/108/EC**)

Applicable standards:

- Product standards:
EN 50130-4, EN 50130-5, EN 50133.
- Generic standards:
EN 61000-6-1,2; EN 61000-6-3,4.
- Essential standards:
EN 61000-4-2,3,4,5,11 EN 61000-3-2,3.

2] Low-voltage protection and safety (Directive 2006/95/EC)

Applicable standards:

- Low-voltage safety standards:
EN 60950 + applicable amendments.
- Standard for exposure to electromagnetic fields:
EN 50357.

R&TTE CERTIFICATION

French and European telecommunication regulations (R&TTE Directive 1999/5/EC)

Applicable standards:

- RF standard: EN 300-330-2 ver. 2001,
- RF standard: EN 300-220-1,
- PSTN standard: ETSI TS 103 021/TBR21,
- FSS certification (fire safety system),
- Standard: NF S 61-937.

DEGREE OF PROTECTION (STANDARD EN 60529)

First figure:

Against the entry of solid foreign bodies

- 0: (not protected)
- 1: diameter greater than or equal to 50mm
- 2: diameter greater than or equal to 12.5mm
- 3: diameter greater than or equal to 2.5mm
- 4: diameter greater than or equal to 1.0mm
- 5: protected against dust
- 6: sealed against dust

Second figure:

Against water entry with harmful effects

- 0: (not protected)
- 1: vertical drops of water
- 2: drops of water (15° of inclination)
- 3: rain
- 4: water spray
- 5: protection against jets
- 6: strong protection against jets

ENVIRONMENTAL TESTS: sea spray (standard EN 50130-5)

- Class I, II, III: Not applicable
- Class IV: 28 days of cyclic testing,
(5% of salt, room at 35°C,
salt water 35°C, air at 47°C)
- Corrosion testing: 240 hours

CERTIFIED FCC CFR 47 PART 15 COMPLIANT

US telecommunication and electromagnetic compatibility

ENVIRONMENTAL TESTS: temperature (standard EN 50130-5)

- Class I: +5°C, +40°C
indoors, residential and office
- Class II: -10°C, +55°C
General indoors, stairways, shops, etc.
- Class III: -20°C, +55°C
Outdoors, but sheltered
- Class IV: -20°C, +70°C
General outdoors

ENVIRONMENTAL TESTS: vibration (standard EN 50130-5)

- Class I: 2m/S², 10 to 100Hz, 3 axes,
1 octave/min
- Class II, III, IV: 5m/S², 10 to 100Hz,
3 axes, 1 octave/min

ACCESSIBILITY STANDARDS

Relating to the accessibility of Public Buildings, facilities open to the public and residential buildings, amending the construction and housing code:

- Decree no. 2006-555 of 17 may 2006.

UL CERTIFICATION

A UL standard contains a series of specifications that provide a reference for assessing a product, service or process for the USA and Canada markets.

WEEE & RoHS CERTIFICATION

WEEE (Waste Electrical and Electronic Equipment):

this directive relates in particular to the management and processing of waste from computer equipment, as well as from other electrical and electronic devices, as well as their spare parts and consumables, whether used by individuals or companies:
- European directive of 13 February 2003 (2002/96/EC).

RoHS (Reduction of Hazardous Substances):

This directive aims to limit the use of six hazardous substances in electrical and electronic equipment (hexavalent chromium, cadmium, mercury, lead, polybromobiphenyls, polybromodiphenylethers):
- Directive 2002/95/EC of 27 January 2003,
- Eco-design: 2005/32/EC.

* Refer to Limited Lifetime Warranty Conditions.

3 - PICTOGRAM SHOWING THAT THE PRODUCT HAS HIGH RESISTANCE TO VANDALISM

In this catalogue you will find products marked HRV (High resistance to vandalism). This pictogram is applied to products that have a high degree of protection (IK).

This degree of protection defines the product's resistance to external mechanical impacts (with the energy required to damage the product).

All our products have been subjected to specific impact tests (see enclosed chart) in order to define their degree of protection against vandalism:



IK code	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Energy (Joules)	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20
Radius of the striking head	10	10	10	10	10	10	25	25	50	50
Material (steel or polyamide)	P	P	P	P	P	P	A	A	A	A
Impact tester	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Snarling iron	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Vertical hammer	No	No	No	No	No	No	Yes	Yes	Yes	Yes

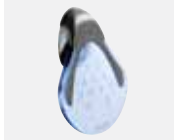
For more details on the degree of protection of the products in this catalogue, please contact us.

E] THE VARIOUS STAGES IN SETTING UP YOUR SYSTEM

As previously mentioned, certain systems (access control system, intercom entry system, etc.) are shown installed in their recommended environments at the start of the chapter. To the right of these installation examples you will find the various stages required to select the various components for your system:



Each stage refers you to the relevant catalogue page (see below) and links to the detailed product characteristics on the inner pages.



A large range of encoded Digicode® keypads, suitable for securing all your accesses:
 - with remote control (the electronic part is not accessible; it is installed inside the structure for greater security),
 - with self-contained electronics,
 - RF.



* Refer to Limited Lifetime Warranty Conditions.





Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



ONLINE ACCESS CONTROL

ONLINE ACCESS CONTROL

1] COMPARISON TABLE..... P. 12

2] ONLINE ACCESS CONTROL SYSTEMS

CENTAUR CONTROLLER - FROM 2 TO 2048 DOORS PER SITE (MAX. 131072 DOORS) P. 14

- SYSTEM P. 23

- SUPPLEMENTARY MODULES P. 24

- READERS P. 28

- CARDS, TAGS AND REMOTE TRANSMITTERS P. 40

TERENA 128 DOORS WEB-BASED CONTROLLER P. 42

- SYSTEM P. 47

- SUPPLEMENTARY MODULES P. 48

- READERS P. 50

- CARDS, TAGS AND REMOTE TRANSMITTERS P. 62

DGM4D MIFARE® CONTROLLER - FROM 4 TO 20 DOORS P. 64

- SYSTEM + READER..... P. 66


- CARDS, TAGS AND REMOTE TRANSMITTERS P. 67

* Refer to Limited Lifetime Warranty Conditions.

COMPARISON TABLE

► ONLINE SYSTEMS

	CENTAUR
	<i>POWER</i>
General features	
Software	Yes (Free Starter pack)
Web browsers	-
Anti-passback	Yes
Number of sites	64
Bank holiday management	Yes
Interlocking controller function	Yes
Languages	Multi-language
Numbers of doors (per site)	2048 (max. 131,072)
Lift management	512
Floors per cab	64
Floor groups	128
Number of events	2048 per controller
Site management	local or remote
Graphic interface	Yes
Report generator	Yes
Time and attendance	Yes
Schedule management	-
Cards (per site)	16000 (max. 1000000)
Asset monitoring on site	Yes
Data back-ups	Yes
Evacuation control	Yes
Counting per zone	-
Alarm management	Yes
Visitor management	Yes
IP camera - Video	Yes
DVR	Yes
Customisable reports via SMS	Yes
Customisable reports via e-mail	Yes
Car park management	Yes
Counter	Yes
Guard Tour management	Yes
Electronic properties	
Database	SQL
PC environment (Windows 2000, 2003, XP, Vista, 7)	Yes
MAC environment (all versions)	-
LINUX environment (all versions)	-
Serial ports	Yes
USB port	CAA360USBRS
Switched access	Yes
TCP/IP	CAETHRA





Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



ONLINE ACCESS CONTROL

ONLINE ACCESS CONTROL

ONLINE ACCESS CONTROL

TERENA

WEB INNOVATION

Integrated

Yes

Yes

1

Yes

-

Multi-language

128

Yes

56

-

16000

local or internet

Yes

-

-

-

Up to 17000

-

Yes

-

Yes

Yes

Yes

-

-

-

-

Yes

-

-

SD card or USB key

Yes

Yes

Yes

-

Yes

-

-

-

DGM4D

Yes (Free software)

-

Yes

1

-

-

Consult us

4 (max. 20)

-

-

-

3000

local

Yes

-

-

-

20000

-

Yes

-

-

Yes

-

-

-

-

-

-

-

-

PC

Yes

-

-

Yes

-

-

-

-



Page 42



Page 64

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL UP TO 2048 DOORS PER SITE (MAX. 131072 DOORS)

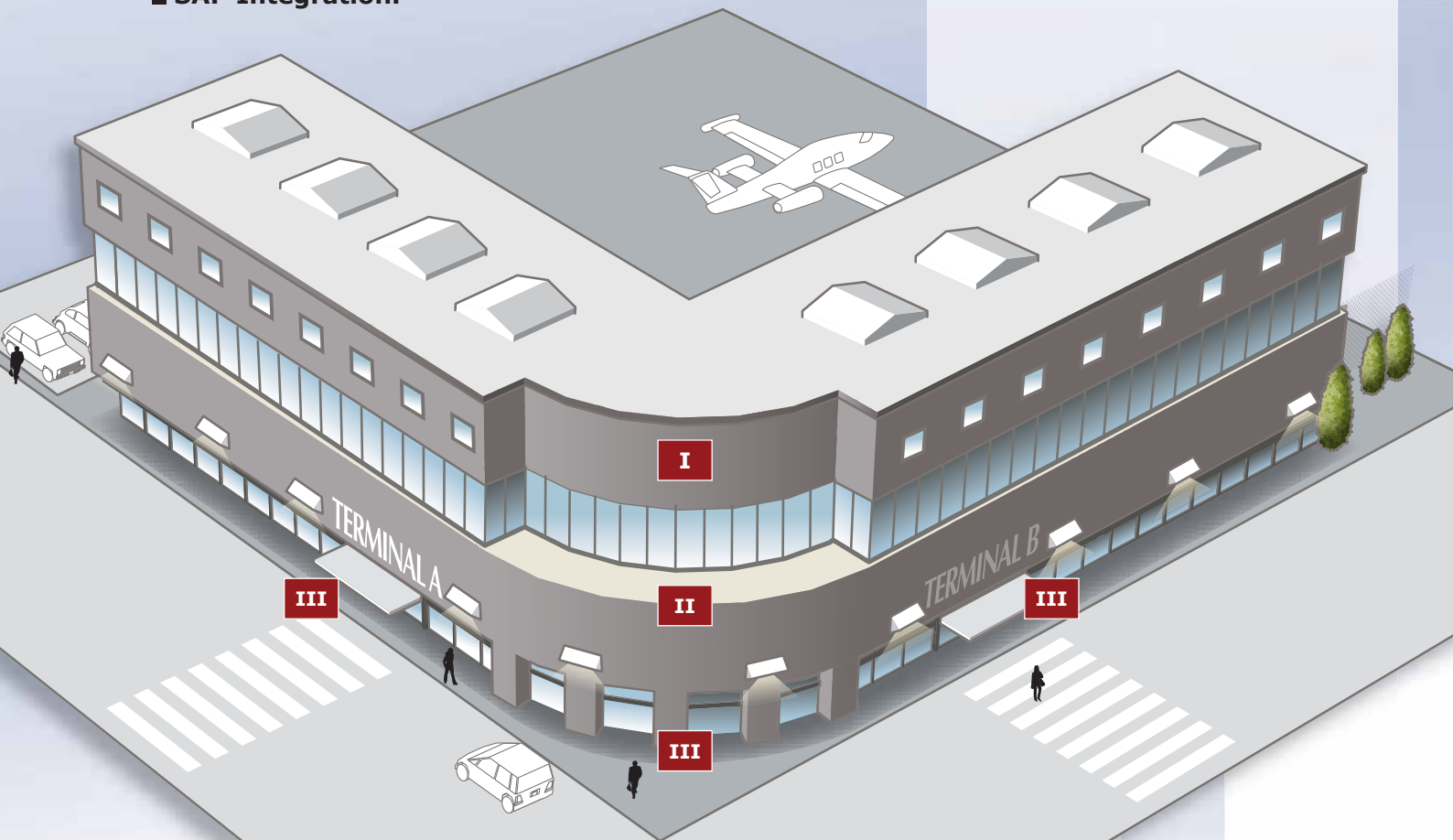
FREE STARTER PACK

- TCP/IP connection.
- Powerful SQL database.
- Lift control.
- Visitor management.
- Alarm management.
- Customisable alert management.
- DVR and IP camera integration.
- Real-time graphic interface.
- Local or remote site control.
- Time & Attendance data acquisition.
- Supplementary modules to optimise your system.
- Customisation of events and reports.
- Parking management.
- Guard tour management.
- Counter.
- SAP Integration.



ONLINE ACCESS CONTROL

POWER



Example:



Public Buildings



Tertiaire



Industriel



ERP**



Résidentiel collectif



Résidentiel



Centaur

Centaur® CREATE YOUR SYSTEM TO ORDER

► IN 3 STEPS

I

► CORE SYSTEM



Controller

The CTV900A controller is the core of the CENTAUR access control system.

► P. 23



Software

The CENTAUR system has powerful software (Lite, Standard, Professional and Enterprise) to suit your budget and the configuration of your site.

► P. 20



II

► SUPPLEMENTARY MODULES



In order to optimise the configuration of your site, the CENTAUR system offers a number of additional modules.

► P. 24



III

► DOOR COMPONENTS



Readers

CDVI has a complete range of Multitechnologies® readers (proximity, RF, Mifare® and biometric).

► P. 28



Tags, cards and remote transmitters

CDVI has a range of complementary remote transmitters, tags and cards that complement the Multitechnologies® readers (proximity, RF, Mifare® and biometric).

► P. 40



Locking devices/Accessories

Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

► P. 212



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

► P. 268

* Refer to Limited Lifetime Warranty Conditions.

Centauri[®] TOTAL MANAGEMENT OF YOUR STRUCTURE

► ONLINE ACCESS CONTROL



* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



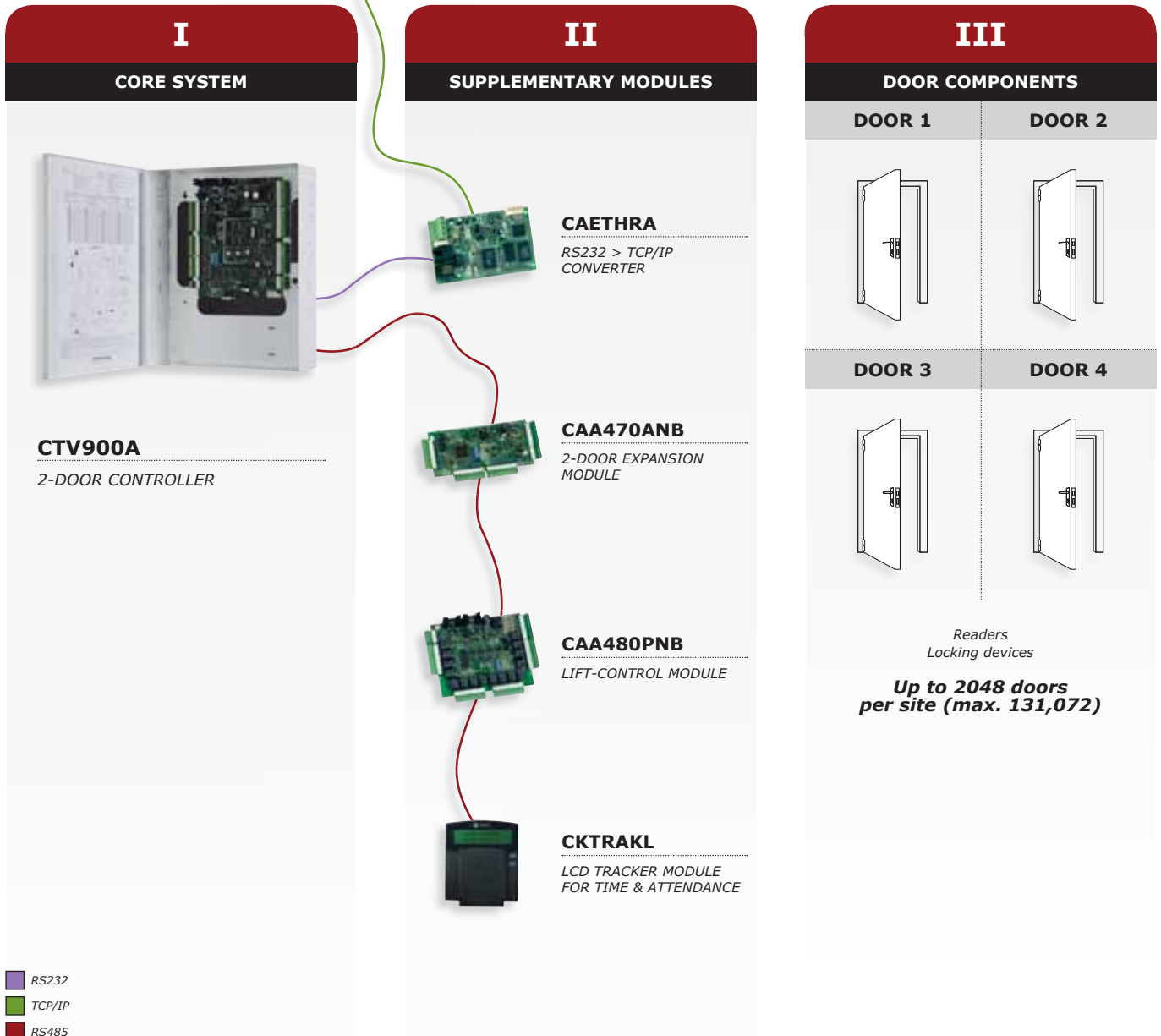
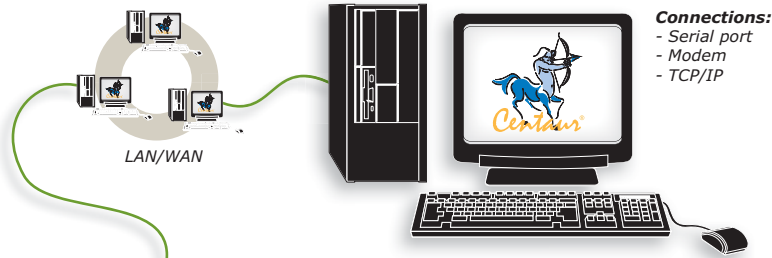
Residential



Centaur

Centaur: A POWERFUL, CUSTOMISABLE SYSTEM

► SYSTEM BLOCK DIAGRAM



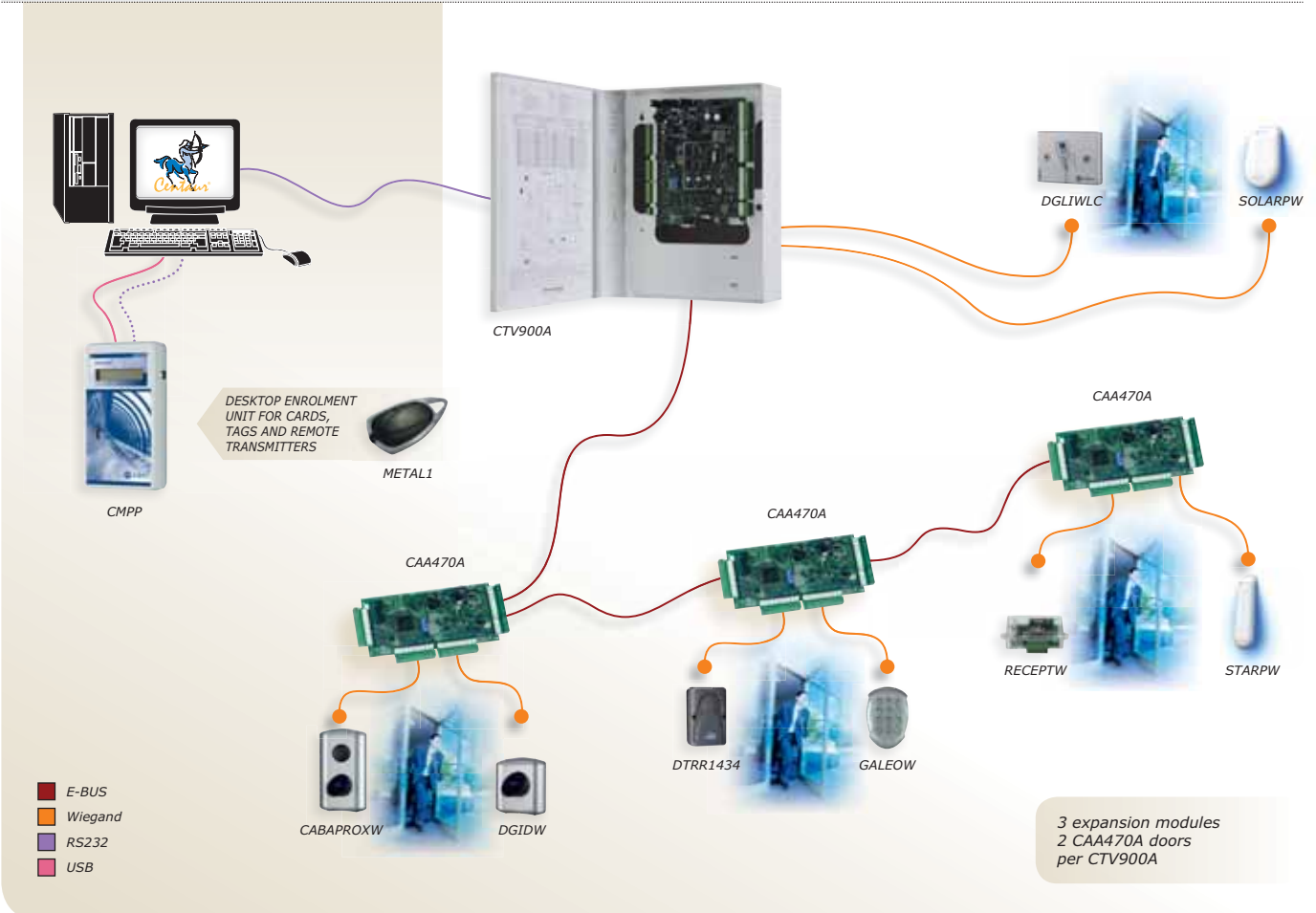
-  RS232
-  TCP/IP
-  RS485

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

Centaur[®] INSTALLATION CONFIGURATION

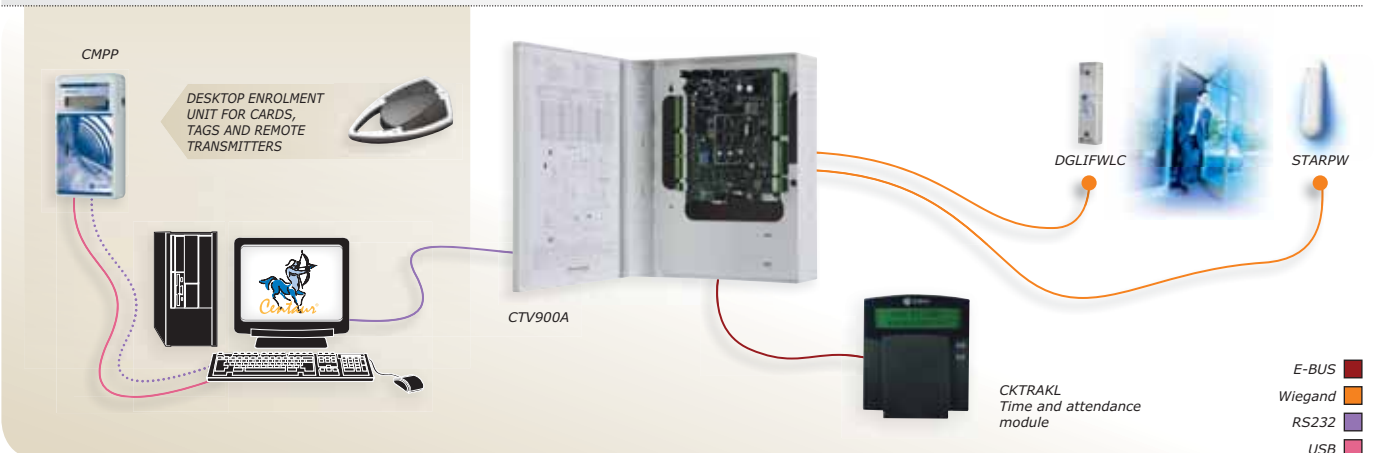
► SIMPLE INSTALLATION



Common installation example. For more complex configurations, Centaur can provide adapted software solutions (see page 20).

Centaur[®] INSTALLATION CONFIGURATION

► 1 SITE + TIME AND ATTENDANCE INSTALLATION



Common installation example. For more complex configurations, Centaur can provide adapted software solutions (see page 20).



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



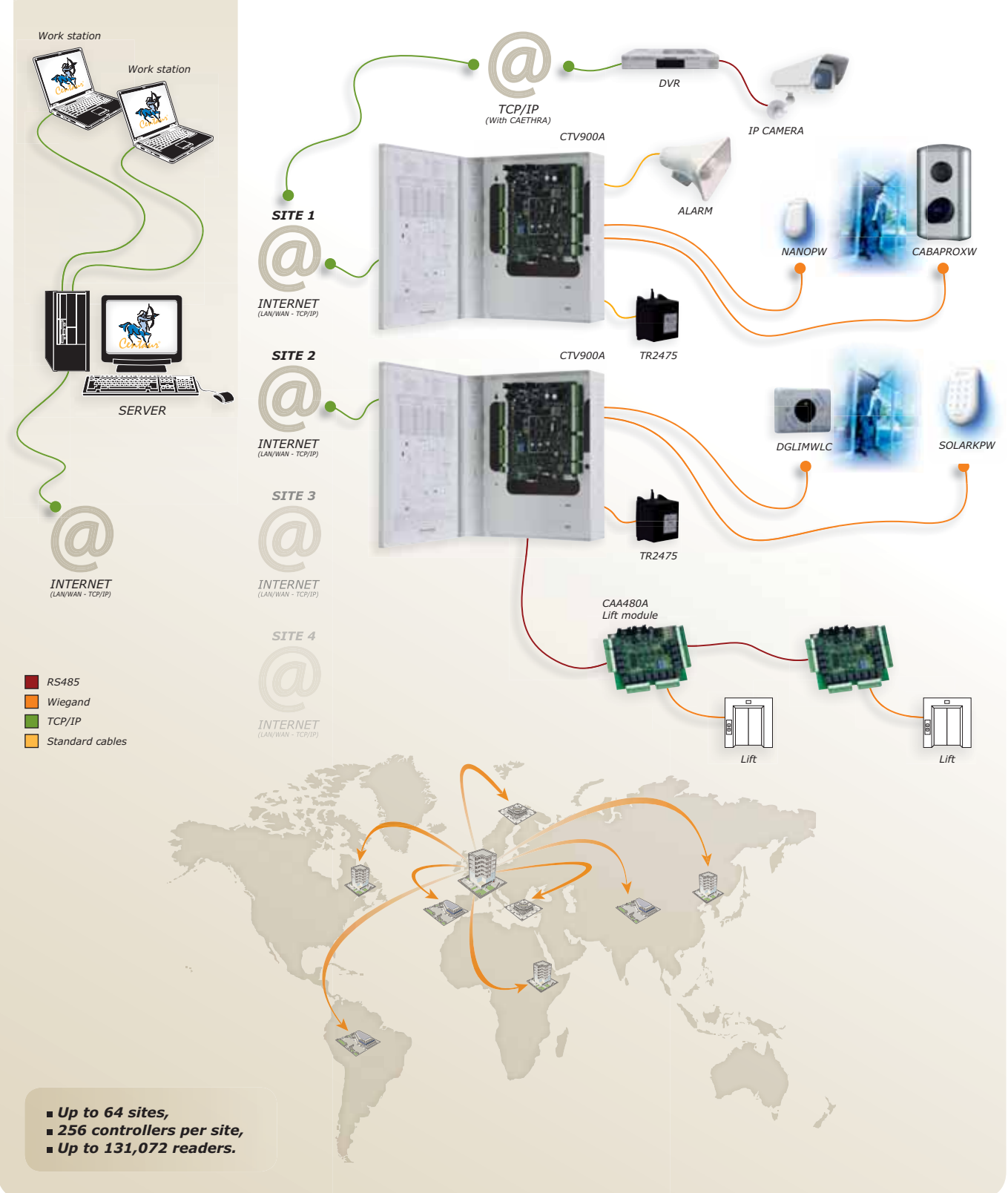
Residential



Centaur

Centaur[®] INSTALLATION CONFIGURATION

► MULTI-SITE INSTALLATION (ACCESS, ALARMS, CAMERAS, LIFTS, TIME AND ATTENDANCE, ETC.)



- Up to 64 sites,
- 256 controllers per site,
- Up to 131,072 readers.

* Refer to Limited Lifetime Warranty Conditions.

Centaur® SOFTWARE

► DIFFERENT EDITIONS ACCORDING TO YOUR PROJECT SIZE

Our expert software developers and engineers have designed the Centaur system to suit a broad range of budgets and site configurations.

	FREE ⁽³⁾			
Features	Starter Pack	Standard CSAC50SUSB	Professional CSAC50PUSB ⁽²⁾	Enterprise CSAC50EUSB ⁽²⁾
Sites	1	64	64	64
Serial ports	1	1	1	4
Dial-up	Yes	Yes	Yes	Yes
TCP/IP	Yes	Yes	Yes	Yes
Cards ⁽¹⁾	512	2048 ⁽¹⁾ [max. 131072]	8196 ⁽¹⁾ [max. 524544]	16384 ⁽¹⁾ [max. 1048576]
Controllers ⁽¹⁾	1	32 ⁽¹⁾ [max. 2048]	64 ⁽¹⁾ [max. 4096]	256 ⁽¹⁾ [max. 16384]
Doors ⁽¹⁾	8	128 ⁽¹⁾ [max. 8192]	512 ⁽¹⁾ [max. 32768]	2048 ⁽¹⁾ [max. 131072]
Lift ⁽¹⁾	Yes	Yes	Yes	Yes
Cabs ⁽¹⁾	2	64 ⁽¹⁾ [max. 4096]	128 ⁽¹⁾ [max. 8192]	512 ⁽¹⁾ [max. 32768]
Floors per cab	64	64	64	64
Floor groups	128	128 ⁽¹⁾ [max. 8192]	128 ⁽¹⁾ [max. 8192]	128 ⁽¹⁾ [max. 8192]
DVR integration	Yes	Yes	Yes	Yes
Visitor management	Yes	Yes	Yes	Yes
Car park management	Yes	Yes	Yes	Yes
Guard tour management	Yes	Yes	Yes	Yes
Asset Management	Yes	Yes	Yes	Yes

FEATURES OF THE CENTAUR SOFTWARE

- Card usage/Card counter options.
- Guard tour management.
- DVR integration and IP camera.
- Site, controller and door configuration wizard.
- Batch card programming.
- Multi-language support.
- Local and remote site control.
- Lift control.
- Online controller firmware upgrades.
- Compatible with Windows 2003, XP, Vista and Windows 7.
- Distributed data processing.
- Flexible alarm and event definition.
- Customisable e-mail alert management.
- High performance SQL server 2005 database engine.
- Alarm management.
- Optimised technology for quick installations regardless of the size.
- Multi-technology system, proximity application Mifare®, fingerprint, hands-free, RF and Digicode®.
- Printing of identity tags with model designer.
- Report generator.
- New colour code for default events.
- 64 groups of doors per site (zones).
- 128 floor groups.
- 256 schedules, access levels and security levels per site.
- File of preregistered cards not assigned to any user.
- Online help.
- Storage of events limited only by hard-drive capacity or by the SQL server version (MSDE: 2GB limit) SQL version complete and unlimited.
- Automatic Centaur server startup.
- Visitor module (visitors sign in/out on an electronic tablet).
- Macros authorising the system to launch predefined operations on one or more sites with the help of event definition (16 actions per macro).
- Easily upgradable.
- Graphical interface.
- Powerful diagnostic tools.

CODE	REFERENCE	DESCRIPTION
F0111000056	CSWSPAK5	CENTAUR 5.0 WORKSTATION NETWORK EDITION - USB KEY
F0111000051	CSAC50SUSB	CENTAUR 5.0 STANDARD EDITION - USB KEY
F0111000054	CSAC50PUSB	CENTAUR 5.0 PRO EDITION - USB KEY
F0111000052	CSAC50EUSB	CENTAUR 5.0 ENTERPRISE EDITION - USB KEY

(1) Per site.

(2) Includes a conventional workstation licence.

(3) Available to download from the internet or on CD-ROM on demand.

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



Centaur

Centaur SOFTWARE

► MAXIMISE THE POWER OF THE INTEGRATED MODULES

PRO-REPORT CUSTOMISED REPORT MANAGEMENT

Unlike other access-control systems, the PRO-REPORT report module can be installed on as many computers as required. Furthermore, it is included in each workstation licence and edition

Reports on request

The automated Pro-Report wizard and its powerful search engine, with filters and choice of criteria, allow you to generate your reports quickly and easily.

Frequently requested reports

Pro-Report allows the creation of predefined reports. Simply save your report settings and easily manage your report requests.

Scheduled reports

Automatically produce reports at given times using the Pro-Report scheduling settings.

Data acquisition reports (Time and Attendance)

With the integrated data-acquisition device (Time and Attendance) you can easily retrace any missed clocking, lateness, normal hours and overtime of your employees, regardless of the size of your organisation.



ONLINE ACCESS CONTROL



Pro-Report, the high-performance report generator from Centaur is included with every edition of Centaur.

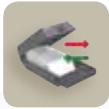
Characteristics of the Pro-Report module

- Customisation of overtime calculation.
- Entrance and exit clocking with one or more readers.
- User-friendly, automated report production wizard.
- Programmable time deduction for breaks, lunch and dinner.
- Capacity for manual editing of the entrance and exit time clocking.
- Instant, quick report. 125 predefined reports and 50 scheduled reports.
- Export the reports in various formats (ASCII, CSV, Excel, PDF and several others).
- Search, group and sort data with the help of the automated Pro-Report wizard.
- Personalised cards, time and attendance, absences, actions of operators and use of cards.
- Creation of rules for entrance clocking (after time) or exit clocking (before time).
- Multiple report types: events, system configuration, access, time and attendance, absence, operator interventions, entrance counting.
- Operator rights to generate reports.

* Refer to Limited Lifetime Warranty Conditions.

Centaur SOFTWARE

► MAXIMISE THE POWER OF THE INTEGRATED MODULES



FRONTCARD CARD MANAGEMENT

Allows an operator to create, delete, print and edit cards using our intuitive graphic interface. FrontCard allows an identification photo to be included on the card and to print the card.



IMPORTING/EXPORTING CARDS

Import and export card data to external applications (CSV format). Easily migrate common cards to several sites.



DATABASE UTILITY

Global management of complex databases with this simple utility. Easily back up and recover system configurations and/or events.



FRONTGUARD VISUAL AUTHENTICATION

Is the person in the photo the same as the person accessing the door? Find out instantly with FrontGuard. Stream video in real time and compare it with the image associated with this card and stored in the database.



LOCATOR ENTRANCE/EXIT SURVEILLANCE

Supervise the status of the entrances/exits of each user, print and view reports by clicking a single button. Excellent for meeting-point applications. Obtain detailed information on the card holder with a double click of the mouse.



WAVEPLAYER SOUND UTILITY

Play a sound for any system event. Ideal for notifying a system operator when an alarm is triggered, even when the operator is not looking at the screen.



PARKING MANAGEMENT

The Centaur Parking management provides you with a real time parking activity monitor. It allows you to quickly see how many parking places are used, by which user and how many parking spaces are available. Manually allocate or free parking spaces. When the parking capacity is reached, the system can activate a "PARKING FULL" sign. Finally, generate reports on parking usage and activities.



VISITOR MANAGEMENT

Centaur Visitor Module can monitor and record all visitors coming to your premises. Centaur Visitor Module preserves a complete record of all visitor activities and keeps each visitor's information for subsequent visits. Centaur Visitor management will securely validate the comings and goings of all visitors.



GUARD TOUR MANAGEMENT

Live interactive guard tour allows check point validation using card readers, input points (Motion sensors, key switches, or push buttons) or data collectors. Includes live alarms for time violations and intuitive exception reports.



VIDEO MODULE

Centaur video module (DVR) lets you playback up to 60 seconds before and after a specific event. It also lets you capture a video image (frame) during the playback or live camera viewing in jpeg format. Compatible with systems: Aimetis, JAD, Capture, Dahua, Dedicated Micros, Digiop, Digital WatchDog, EneoDVR, Everfocus, HIK Vision, Infinova, Microcom, Milestone, NUUO, Samsung, Sphere, ViewGate, Vivotek IP Camera, Vivotek, ...



FRONT VIEW GRAPHIC INTERFACE FOR REAL-TIME MANAGEMENT

With the FrontView module from Centaur, you can control your system in graphic mode and in real time. With FrontView, with only a few clicks, you can control the controllers, doors, relays, entrances and exits. The complete functions of managing alarms and launching actions according to events offer you endless possibilities for controlling your system. FrontView, included with every edition of Centaur, is network compatible and allows you to monitor 100 floor/sector plans in real time:

- Compatible with Windows 2000, 2003, XP Professional, Vista and Windows 7,
- Import or create floor plans in FrontView (in bmp format),
- Complete library of interactive icons (or create your own),
- Actions launched by events,
- Monitor and control the protected devices, objects and sectors on the screen

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



Centaur

Centaur[®] CONTROLLER

► CTV900A 2048 DOORS PER SITE (MAX. 131,072)

The CTV900A is the core of the Centaur access-control systems. All the inputs and outputs, readers and expansion modules are connected directly to the CTV900A. Systems with multiple controllers are interconnected by the RS-485 communication bus. The distributed database architecture allows each controller to take decisions in a fraction of a second without querying the server. Professionals choose the CTV900A for its speed and its remarkable stability.



- Controls 2 doors/2 readers.
- Up to 6 additional doors with the CTV900A using 3 CAA470A expansion modules.
- 10,920 on-board card database.
- 256 schedules.
- 256 access levels.
- 2048 events.
- 16 on-board inputs (Using ATZ 2R/3R).
- 2 on-board 12V dc or 24V dc field-selectable lock outputs.
- 2 on-board Form "C" dry-contact relay outputs (NO/NC).
- Fully distributed database architecture (access decision made locally).
- Flash firmware - Upload firmware via the computer.
- Supports common Wiegand, Track 2 ABA (magnetic stripe) and BCD (keypad) communication formats.
- Snap-off terminal blocks.
- Battery back-up functionality (2 X 12 Volts 7AH gel battery).
- Quick and easy card programming (CMPP module).
- Status indicators.
- 2,5A switching power supply.
- E-bus technology add-on hardware modules (up to 1220m).

Input specifications

- Reader or keypad inputs: 2.
- Multi-purpose inputs: 16 (using ATZ 2R/3R).

Output specifications

- Two lock outputs, 12/24V dc.
- Two Form "C" dry-contact relays, 5A. 30V dc NO/NC.
- 6 PGM 50mA outputs with transistor (collector open) (red/green LED and buzzer).

Dimensions

- Cabinet size (H x W x D): 400 x 337 x 105mm.
- PCB dimensions: 245 x 202mm.

Electric specifications

- Input voltage: Transformer: 24V ac - 75VA (TR24/75) or higher, 50/60 Hz.
- Supply current: 2.5A maximum.
- Battery capacity: 2 x 12V dc, 7 Ah.
- Combined maximum currents:
 - 24V/1.3A,
 - 12V/1A,
 - 5V/0.18A.

RoHS

WEEE

5°C to +55°C

IP20

Certified FCC CFR 47 Part 15 compliant

CE certification

Communication

- RS-485 controller-to-controller.
- E-Bus for the expansion modules.
- Connection of modules up to 1,220m from the CTV900A.
- RS485/RS-232 port enabling for communication with the Centaur software via serial port, dial-up or LAN/WAN (TCP/IP).

Lift control

- Controlled lift: 2 cabs with 64 floors per CTV900A.
- Schedule per floor: Yes.
- Floor groups: 128.

CODE	REFERENCE	DESCRIPTION
F0111000028	CTV900A	2-DOOR CONTROLLER WITH METAL BOX
F0111000001	CTV900ANB	2-DOOR CONTROLLER
F0303000003	TR2475	24V 75VA CLASS 2 TRANSFORMER
F0120000001	JF	TRAINING DAY

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

Centaur SUPPLEMENTARY MODULES

▶ OPTIMISE THE MANAGEMENT OF YOUR SITE

CAA470A 2-door expansion module

You can use the CAA470A to expand your access-control system. E-bus technology allows you to install expansion modules up to 1220m away from the CTV900A (reduction of cabling costs on the field by only connecting a single cable to the CTV900A). The readers, keypads, doors, contacts, REX module and outputs of the readers can be locally connected to the CAA470A by installing the expansion module in the proximity of the doors.



- Cabinet size (L x W): 298 x 285 x 78mm.
- PCB Dimensions (L x W): 100 x 210mm.
- 4 inputs (door contact and REX devices).
- Add 2 doors to the CT-V900-A or 2 readers and/or keypads.
- Up to 3 CAA470A modules per CTV900A.
- 6 reader outputs (red/green LEDs and buzzer).
- E-Bus connectivity to the CTV900A up to 1220m.
- Supports Wiegand, Track 2 ABA (magnetic stripe) and BCD (keypad) communication formats.
- Comprehensive LED status indicators.
- Lock outputs: 2 Form "C" relays
- Dry Contact, 5A/30V dc NC/NO.
- Input voltage: Transformer, 16V ac/40VA (TR16/40).

RoHS

WEEE

FC Certified FCC CFR 47 Part 15 compliant

CE CE certification

+5°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0111000029	CAA470A	2-DOOR EXTENSION MODULE WITH METAL BOX
F0111000005	CAA470ANB	2-DOOR EXTENSION MODULE
F0303000004	TR1640	16V 40VA CLASS-2 TRANSFORMER

TCP/IP - RS-232 converter

CAETHRA

Minimise wiring costs by using the existing LAN/WAN network. We offer the solution with a competitive price. This unit allows modules of Series RS-232 such as the CTV900A to communicate via a LAN/WAN network.

- Plastic box size (L x W): 146 x 100 x 40mm.
- PCB dimensions (L x W): 100 x 64mm.
- Converts the TCP/IP protocol to RS-232.
- Simple programming and setup.
- Static IP addressing.
- RJ-45 connection to the LAN.
- Comprehensive LED status indicator.
- RS-232 serial connector supplied.
- Uses common communication software for setup.
- Supports TCP/IP, HTTP, ICMP and ARP protocols.
- Ethernet compatibility: Version 2.0/IEEE 802.3.
- 10 mbps - half duplex.
- 9600, 19200 and 38400 serial bauds rates.
- Input voltage: 12V dc.
- Consumption: max. 80mA.



RoHS

WEEE

FC Certified FCC CFR 47 Part 15 compliant

CE CE certification

5°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0111000014	CAETHRA	TCP/IP MODULE WITH PVC BOX

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



Centaur

Centaur[®] SUPPLEMENTARY MODULES

▶ OPTIMISE THE MANAGEMENT OF YOUR SITE

CKTRAKL LCD tracker module



Designed to operate with the data-acquisition function for Time and Attendance and Pro-Report, the CKTRAKL acts as a «screen» for displaying the date, time and «Clocking in/out» ⁽¹⁾.

- Dimensions (L x W x H): 140 x 120 x 30mm.
- Adjustable backlight and contrast.
- Supports multiple language displays.
- Display for the time and attendance.
- Connect up to 8 keypads to the CTV-900-A controller E-bus.
- Can be used with anti-passback applications to display card locations.
- Input voltage: 9 to 16V dc.
- Consumption: maximum 80mA.

RoHS

WEEE

FC Certified FCC CFR 47 Part 15 compliant

CE CE Certification

Temp +5°C to +55°C

CODE	REFERENCE	DESCRIPTION
F011100008	CKTRAKL	TIME AND ATTENDANCE CONTROLLER DISPLAY KEYPAD MODULE

⁽¹⁾ The time and attendance controller and readers must be separate from the access control controllers and readers.

RS-485 conversion module CAA360USBR5

The CAA360USBR5 ⁽²⁾, conversion module for RS-232 to RS-485 or USB, is installed between the server and the CTV900A controllers, allowing the maximum distance to increase to 1220m. LED power, reception and transmission indicators show the status of the module.



RoHS

WEEE

CE CE Certification

Temp -10°C to +55°C

FC Certified FCC CFR 47 Part 15 compliant

- Dimensions (L x W x H): 140 x 120 x 30mm.
- Uses UTP cable (Cat 5).
- On-board end-of-line (EOL) and bias jumpers.
- Input voltage: 12V dc.
- Consumption: 190mA.

CODE	REFERENCE	DESCRIPTION
F0111000046	CAA360USBR5	RS485 TO USB CONVERTER MODULE

⁽²⁾ Required when the shortest distance between the server and the CT-V900-A controller is greater than 8.5m.

CAA110P Locking control module for CTV900A

The CAA110P has been specially designed to facilitate the connection of solenoid bolt locks with electromagnetic locks or high-power electric strikes. Instant unlocking of doors by fire-alarm switch.



- PCB dimensions (L x W): 45 x 43mm.
- Simplify the installation of dual-locking doors (2 magnetic locks or one magnetic lock and one electric strike).
- 2 Form "C" lock outputs (5A/12V dc NO/NC).
- 2 relay status LEDs.
- Connects directly to the terminal blocks of the CTV900A.
- Fire-alarm switches. Instant unlocking of the doors.
- Consumption: 100mA.

RoHS

WEEE

FC Certified FCC CFR 47 Part 15 compliant

CE CE certification

Temp 5°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0111000012	CAA110P	LOCK CONTROL MODULE

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

Centaur SUPPLEMENTARY MODULES

► OPTIMISE THE MANAGEMENT OF YOUR SITE

CAA480A Lift controller

Connected to the E-Bus of the CTV900A controller, the CAA480A supplementary module can control up to 16 floors. When a valid card is presented, the relevant floor relay is activated, allowing the card holder to select the desired floor.



- Cabinet size (L x W x D): 400 x 337 x 105mm.
- PCB dimensions (L x W): 140 x 80mm.
- 16 on-board floor relays in addition to a fire control input.
- Controls up to 64 floors and 2 lift cabs.
- Destination reporting with the module: CAA482P.
- Connects directly to the RS-485 expansion bus.
- Individual schedule by floors.
- Back-up battery with selectable battery charge current.
- Fully supervised (tamper, low battery and AC failure) comprehensive LED display.
- Tamper and fire alarm: 1.
- Relay outputs: 16 Form C relays rated at 20A/16V dc, NC/NO.
- Input voltage: transformer, 16V ac, 40VA, 50/60 Hz.
- Consumption: 2.5A max.

RoHS

WEEE

FCC Certified FCC CFR 47 Part 15 compliant

CE CE certification

0°C to +50°C

CODE	REFERENCE	DESCRIPTION
F0111000030	CAA480A	16-FLOOR LIFT MODULE WITH METAL BOX
F0111000006	CAA480ANB	16-FLOOR LIFT MODULE
F0303000004	TR1640	16V 40VA CLASS-2 TRANSFORMER

Destination reporting module **CAA482P**

The CAA482P has 16 floor-selection inputs, one for each floor-control relay of the CAA480A lift controller. Once a valid card is passed, the user can only select one floor. Once the floor is selected, all the other floor buttons are deactivated. The user must pass his/her card again in order to choose another floor. Every pass of the card and choice of floor is registered by the system.

- PCB dimensions (L x W x D): 130 x 127mm.
- Connects directly onto the CAA480A lift controller.
- One-card swipe, one-floor operation.
- Registers valid and invalid floor selections.
- 16 floor-selection inputs and LED indicators.
- Connection method: Flat 14-strand cable to the CAA480A.
- Input response time: 700 ms.
- DC input activation: 15V dc (min), 165V dc (max).
- Input voltage: 5V dc.
- Consumption: 28mA (typical), 108mA (max.).



RoHS

WEEE

FCC Certified FCC CFR 47 Part 15 compliant

CE CE certification

+15°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0111000007	CAA482P	DESTINATION REPORTING MODULE

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



Centaur

Centaur[®] SUPPLEMENTARY MODULES

▶ OPTIMISE THE MANAGEMENT OF YOUR SITE

CAA370P RS-485 network hub for CTV900A

Allows a "star" type RS-485 bus configuration. Excellent for large surfaces of a multi-floor site when a «serial» RS-485 configuration is not recommended. Place the CAA370P at the centre of the existing RS-485 bus network and connect up to 4 additional RS-485 networks to the controllers or expansion modules.



- Cabinet size (L x W x D): 258 x 207 x 78mm.
- PCB dimensions (L x W): 140 x 80mm.
- RS-485 "Star" configuration is a snap.
- Provides a higher network isolation and reduces wiring costs.
- LED status indicator for power, network and port activity.
- Creates 4 independent RS-485 networks from one RS-485 network.
- Connects to the CTV900A RS-485 and E-bus communication ports and to the E-Bus for the expansion modules.
- Connects controller or expansion module up to 1220m from the Hub.
- Transmission speed: 9600 or 19200 bps.
- Input voltage: 12V dc.
- Consumption: max. 100mA.

RoHS

WEEE

FCC Certified FCC CFR 47 Part 15 compliant

CE CE certification

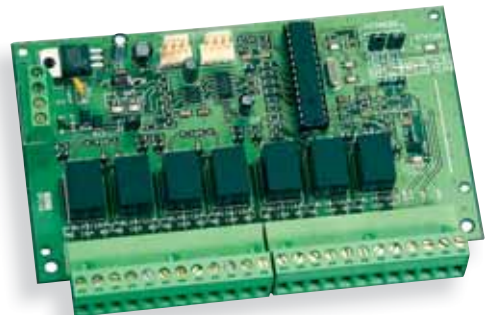
+5°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0111000033	CAA370P	RS-485 NETWORK HUB WITH METAL BOX
F0111000010	CAA370PNB	RS-485 NETWORK HUB

Relay expansion module CAA460P

Required for additional relay outputs. Each CAA460P adds 7 relays to those of the CTV900A, up to a maximum of 16 relays (2 x CAA460P + 2 CTV900A on-board relays = 16 relays).

- Cabinet size (L x W x D): 258 x 207 x 78mm.
- PCB dimensions (L x W): 140 x 82mm.
- Adds 7 form-C relay outputs (NO/NC) to the CTV900A controller.
- Maximum of two CA-A460-P modules per CTV900A controller.
- Connects directly to the CTV900A expansion bus.
- Connects to the controller at a maximum distance of 1220m.
- Outputs: 7 Form C relays rated at 5A/28V dc, NC/NO.
- Input voltage: 12V dc.
- Consumption: maximum 450mA.



RoHS

WEEE

FCC Certified FCC CFR 47 Part 15 compliant

CE CE certification

+5°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0111000032	CAA460P	7-RELAY EXPANSION MODULE WITH METAL BOX
F0111000009	CAA460PNB	7-RELAY EXPANSION MODULE

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

Centauri WIEGAND MULTI-PROTOCOL PROXIMITY READERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

NANO - STAR - SOLAR 125 kHz proximity Readers

ILLUMINATION STATUS



BLUE
STAND-BY



ORANGE
TAG READ



GREEN
ACCESS
GRANTED



RED
ACCESS
DENIED

Reflective
backlight



[A]
WHITE VERSION: NANOPW
BLACK VERSION: NANOPB



[B]
WHITE VERSION: STARPW
BLACK VERSION: STARPB



AS AWARDED BY THE CHICAGO ATHENAEUM:
MUSEUM OF ARCHITECTURE AND DESIGN.



Environmental tests:
vibrations

WEEE

IP53



CE Certification

Certified FCC CFR 47
Part 15 compliant

R&TTE Certification

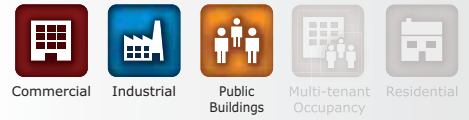
-30°C to +70°C

* Refer to Limited Lifetime Warranty Conditions.



Centaur

ONLINE ACCESS CONTROL



[D]
WHITE VERSION: SOLARKPW
BLACK VERSION: SOLARKPB



[C]
WHITE VERSION: SOLARPW
BLACK VERSION: SOLARPB



- 26, 30 or 44 bits Wiegand outputs.
- Compatible with the CTV900A or the CAA470A.
- High performance read range.
- Innovative design.
- Reflective backlit card reader.
- Audible and visual feedback.
- PCB sealed in epoxy.
- Polycarbonate.
- Easy to mount.
- Colours: White, black and grey**.
- Available in Mifare® technology (P. 35).

- Dimensions (L x W x D):
 - [A] = 70 x 43 x 23mm,
 - [B] = 130 x 41 x 28mm,
 - [C] and [D] = 130 x 90, x 35mm.
- Technologies:
 - Proximity 125 Khz,
 - Dual technology Digicode® + Proximity.
- Weights:
 - [A] = 100gr,
 - [B] = 200gr,
 - [C] and [D] = 300gr.
- Protocols:
 - [A] = MARIN,
 - [B], [C] and [D] = MARIN and H D.
- Input voltage: 12V dc.
- Consumption:
 - [A] = 100mA,
 - [B] = 120mA,
 - [C] and [D] = 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

CODE	REFERENCE	DESCRIPTION
F0101000066	NANOPW	125 KHZ WHITE NANO PROXIMITY READER
F0101000070	NANOPB	125 KHZ BLACK NANO PROXIMITY READER
F0101000064	STARPW	125 KHZ WHITE NARROW STYLE PROXIMITY READER
F0101000068	STARPB	125 KHZ BLACK NARROW STYLE PROXIMITY READER
F0101000065	SOLARPW	125 KHZ WHITE PROXIMITY READER
F0101000069	SOLARPB	125 KHZ BLACK PROXIMITY READER
F0101000072	SOLARKPW	125 KHZ WHITE DUAL-TECHNOLOGY DIGICODE®/PROXIMITY READER
F0101000074	SOLARKPB	125 KHZ BLACK DUAL-TECHNOLOGY DIGICODE®/PROXIMITY READER

* Refer to Limited Lifetime Warranty Conditions.
** On demand.

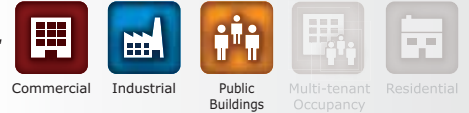
Centaur WIEGAND MULTI-PROTOCOL PROXIMITY INOX READERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

DGLIWLC - DGLIFWLC 125 kHz proximity reader



- 26, 30 or 44 bits Wiegand outputs.
- Compatible with the CTV900A or the CAA470A.
- PCB sealed in epoxy.
- Audible and visual feedback.
- Stainless steel.

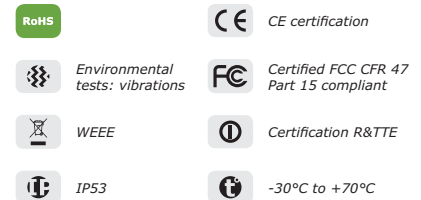


- DGLI WLC (L x W x D): 76 x 97 x 20mm.
- DGLIF WLC (L x W x D): 140 x 35 x 21.5mm.
- Technology: 125 kHz.
- Multi card protocol reader.
- Surface mount (ideal on glass doors).
- Input voltage: 12V dc.
- Consumption: 100mA.

PATENTED BREVETÉ

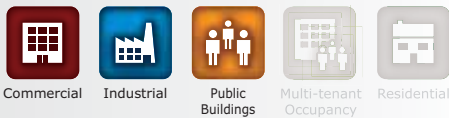
H.R.V.
HIGH RESISTANCE TO VANDALISM

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.



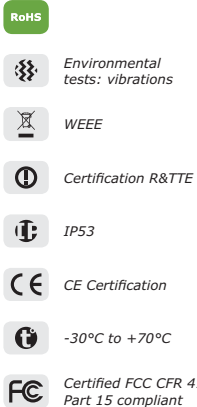
CODE	REFERENCE	DESCRIPTION
F0101000054	DGLIWLC	STAINLESS-STEEL STANDARD PROXIMITY READER - DIGIPROX®
F0101000053	DGLIFWLC	STAINLESS-STEEL NARROW STYLE PROXIMITY READER - DIGIPROX®

125 kHz Stainless-steel flush-mount proximity reader **DGLIEWLC**



- 26, 30 or 44 bits Wiegand outputs.
- Compatible with the CTV900A or the CAA470A.
- PCB sealed in epoxy.
- Audible and visual feedback.
- Stainless steel.

H.R.V.
HIGH RESISTANCE TO VANDALISM



PATENTED BREVETÉ

Recommended power supplies



- DGLIEWLC (L x W x D): 110 x 110 x 47mm.
- Back box (L x W x D): 90 x 90 x 45mm.
- Technology: 125 kHz.
- Multi card protocol reader.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.



INOX

CODE	REFERENCE	DESCRIPTION
F0101000060	DGLIEWLC	STAINLESS-STEEL FLUSH-MOUNT PROXIMITY READER - DIGIPROX®

* Refer to Limited Lifetime Warranty Conditions.



Centaur WIEGAND MULTI-PROTOCOL PROXIMITY READERS

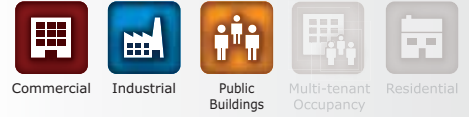
► MORE RELIABLE CONTROL OF YOUR ACCESS

ONLINE ACCESS CONTROL

DGLPTWLC 125 kHz polycarbonate proximity reader



- 26, 30 or 44 bits Wiegand outputs.
- Compatible with the CTV900A or the CAA470A.
- Mushroom type reader.
- Audible and visual feedback.
- Ideal for audio entry panels.
- Flush mount.
- Polycarbonate.



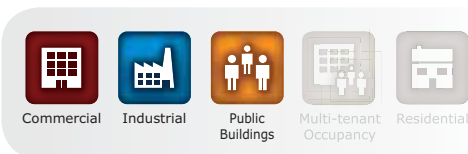
- Dimensions (H x Ø): 30.9 x 43.8mm.
- Flush mount dimensions (H x Ø): 20.9 x 25mm.
- PCB sealed in epoxy.
- Connection by 6/10 4-pair cable.
- Input voltage: 12V ac/dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

- RoHS**
- Environmental tests: vibrations
- WEEE
- IP64
- CE Certification
- R&TTE certification
- 25°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0101000058	DGLPTWLC	ROUND TYPE PROXIMITY READER - DIGIPROX®
F0701000067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

125 kHz Hands-free proximity reader **DGLP60WLC**



- 26, 30 or 44 bits Wiegand outputs.
- Compatible with the CTV900A or the CAA470A.
- Polycarbonate reader.
- Extra-flat.
- Surface mount.
- Reading distance from 30 to 60cm**.

- Dimensions (L x W x D): 400 x 325 x 25mm.
- Open collector outputs (Clock, Data 0 and Data 1).
- Reading distance: up to 30cm with tags (ref. PPC**) and up to 60cm with cards (ref. CPE**).
- Self-contained electronics.
- Audible and visual feedback.
- Input voltage: 12V dc.
- Consumption: 450mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.



- RoHS**
- Environmental tests: vibrations
- WEEE
- IP53
- CE certification
- R&TTE certification
- 20°C to +55°C

Recommended power supplies

ARD12 BS60

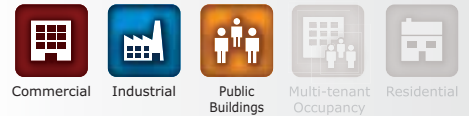
CODE	REFERENCE	DESCRIPTION
F0101000050	DGLP60WLC	HANDS-FREE READER - DIGIPROX®

* Refer to Limited Lifetime Warranty Conditions.
 ** This performance level is for an environment free from any electromagnetic disruptions.

Centaur WIEGAND DUAL-TECHNOLOGY READER

► MORE RELIABLE CONTROL OF YOUR ACCESS

KCPROXWLC Digicode®/Proximity Dual-Technology reader

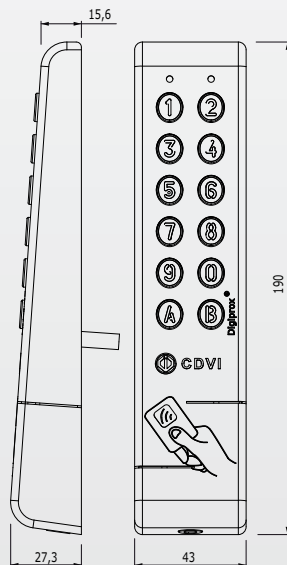










H.R.V.
HIGH RESISTANCE
TO VANDALISM

INOX



- **Dual technology:**
 - Proximity reader,
 - Digicode® keypad.
 - **Output format:** Wiegand.
 - **Compatible with the CTV900A or the CAA470A.**
 - **Stainless steel.**
 - **Narrow:** Ideal for installation on aluminium profile.
 - **Backlit.**
 - **Recommended for activating and deactivating your alarm system.**
 - **Surface-mount.**
 - **Mounting with tamper Diax® screws.**
-
- Audible and visual feedback.
 - Dimensions (L x W x D): 190 x 43 x 27mm.
 - Input voltage: 12V dc.
 - Consumptions: 120mA.



-  RoHS
-  WEEE
-  Environmental tests: vibrations
-  R&TTE certification
-  IP64
-  CE certification
-  -25°C to +70°C
-  Certified FCC CFR 47 Part 15 compliant

**PATENTED
BREVETÉ**

CODE	REFERENCE	DESCRIPTION
F0103000102	KCPROXWLC	WIEGAND STAINLESS-STEEL DIGICODE®/PROXIMITY DUAL-TECHNOLOGY READER

* Refer to Limited Lifetime Warranty Conditions.



Centaur WIEGAND READERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

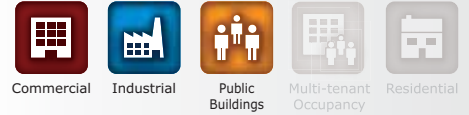
ONLINE ACCESS CONTROL

GALEOW Illuminated weatherproof Digicode® Keypad



- **Output format:** Wiegand.
- **Compatible with the CTV900A or the CAA470A.**
- **Backlit.**
- **Material:** Cast aluminium.
- **Audible and visual feedback.**
- **Surface mount.**
- **Compact and robust.**
- **Installation with Torx® screws**
- **Completely sealed (in epoxy).**

- Dimensions (L x W x D): 110 x 75 x 15mm.
- E2PROM permanent memory backup.
- Code length: 4, 5 or 6 digits.
- Input voltage: 12V dc.
- Consumption: max. 100mA.



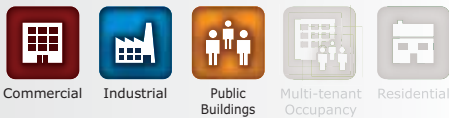
- RoHS
- Environmental tests: vibration
- WEEE
- IP64
- CE certification
- 25°C to +70°C

Recommended power supplies

ARD12 BS60

CODE	REFERENCE	DESCRIPTION
F020100062	GALEOW	CAST ALUMINIUM DIGICODE® KEYPAD

13.56 MHz Mifare® reader **DGMW**



MIFARE® ISO 14443A

- **26 or 44 bits Wiegand outputs.**
- **Compatible with the CTV900A or the CAA470A.**
- **MIFARE® proximity technology.**

- Dimensions:
 - DGMW (L x W x D) = 78 x 57 x 24mm,
 - DGMW reader (Ø x D) = Ø44 x 41mm.
- Input voltage: 12V ac/dc.
- Consumption: 300mA.



- RoHS
- Environmental tests: vibration
- WEEE
- IP52
- CE certification
- 10°C to +50°C

Recommended power supplies

ARD12 BS60

CODE	REFERENCE	DESCRIPTION
F010100059	DGMW	MUSHROOM TYPE MIFARE® READER
F070100067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

* Refer to Limited Lifetime Warranty Conditions.

Centaur WIEGAND MIFARE® READER

► MORE RELIABLE CONTROL OF YOUR ACCESS



DGLIMWLC

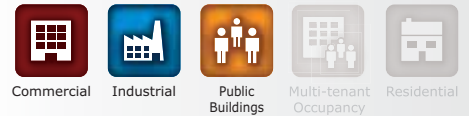
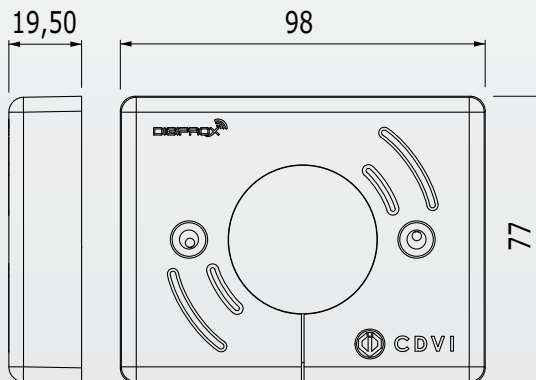
13,56 MHz Stainless-Steel reader

INOX

H.R.V.
HIGH RESISTANCE
TO VANDALISM



MIFARE® ISO 14443A



- **Standards Mifare® and Desfire®.**
- **26, 30 or 44 bits Wiegand outputs.**
- **Compatible with the CTV900A or the CAA470A.**
- **Completely sealed (in epoxy).**
- **Audible and visual feedback.**
- **Surface-mount.**
- **Stainless steel reader.**

- Dimensions (L x W x D): 76 x 97 x 20mm.
- PCB sealed in epoxy.
- Audible and visual feedback.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

RoHS

 Environmental tests: vibrations

 WEEE

 R&TTE certification

 IP53

 CE certification

 -30°C to +70°C

**PATENTED
BREVETÉ**

CODE	REFERENCE	DESCRIPTION
F010100063	DGLIMWLC	13.56 MHZ STAINLESS STEEL MIFARE® READER

* Refer to Limited Lifetime Warranty Conditions.



Centaur

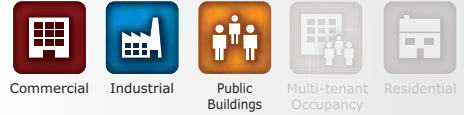
Centaur® WIEGAND MIFARE® READER

► MORE RELIABLE CONTROL OF YOUR ACCESS



ONLINE ACCESS CONTROL

SOLARMW - SOLARMB 13.56 MHz Mifare® Reader



WHITE VERSION: SOLARMW
BLACK VERSION: SOLARMB

MIFARE®
ISO 14443A

ILLUMINATION STATUS



- Standards Mifare® and Desfire®.
- 26, 30 or 44 bits Wiegand outputs.
- Compatible with the CTV900A or the CAA470A.
- Innovative design.
- Reflective backlit card reader.
- Audible and visual feedback.
- PCB sealed in epoxy.
- Polycarbonate.
- Easy to mount.
- Colours: White, black and grey**.
- Available in 125 KHz proximity technology (Page 28).

- Dimensions (L x W x D): 130 x 90 x 35mm.
- Weight: 300gr.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

- RoHS
- Environmental tests: vibrations
- WEEE
- IP53
- CE certification
- Certified FCC CFR 47 Part 15 compliant
- R&TTE certification
- 30°C to +70°C



AS AWARDED BY THE CHICAGO ATHENAEUM: MUSEUM OF ARCHITECTURE AND DESIGN.

CODE	REFERENCE	DESCRIPTION
F010100067	SOLARMW	13.56 MHZ WHITE MIFARE® READER
F010100071	SOLARMB	13.56 MHZ BLACK MIFARE® READER

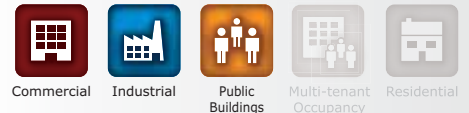
* Refer to Limited Lifetime Warranty Conditions.
** On demand.

Centaur WIEGAND BIOMETRIC READERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

DGIDW - CABAPROXW Fingerprint readers

Biometric systems in France must comply with the texts of the CNIL (www.cnil.fr)



DGIDW

- 26, 30 or 44 bits Wiegand outputs.
- Direct connection to the controller.
- Swipe finger method.
- Finger auto detection.
- Self-cleaning sensor.
- Resolution 500 dpi (Standard FBI).
- Choice of one or several fingers during registration).
- Audible and visual feedback.
- Encrypted communication with the PC.

CNIL
UNIQUE AUTHORIZATION
N°AU-008



- Open collector outputs (Clock, Data 0 and Data 1).
- 1 tamper switch on the front panel.
- Input voltage:
 - CABAPROXW = 12V dc.
 - DGIDW = 12V dc.

USBSCANNER



PCMB
Free software + USB SCANNER included (see details page 104)

PCMB



CABAPROXW

- Specific features of the DGIDW**
- Dimensions (L x W x D): 120 x 120 x 61mm.
 - Flush mount (L x W x D): 95 x 90 x 45mm.
 - Memorises up to 400 fingerprints.
 - Delivered with software on CD-ROM.
 - Consumption: 300mA.

- Specific features of the CABAPROXW**
- Dimensions (L x W x D): 200 x 120 x 61mm.
 - Back box (L x W x D): 170 x 95 x 45mm.
 - Unlimited number of fingerprints.
 - Fingerprint encrypted and stored on the card or tag.
 - Biometric and Mifare® reader.
 - Consumption: 450mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Compliant with applicable EMC standards: EN 50133, EN 50130-4.

Recommended power supplies



ARD12

BS60

CE CE certification

RoHS

R&TTE certification

WEEE

-10°C to +70°C

IP53

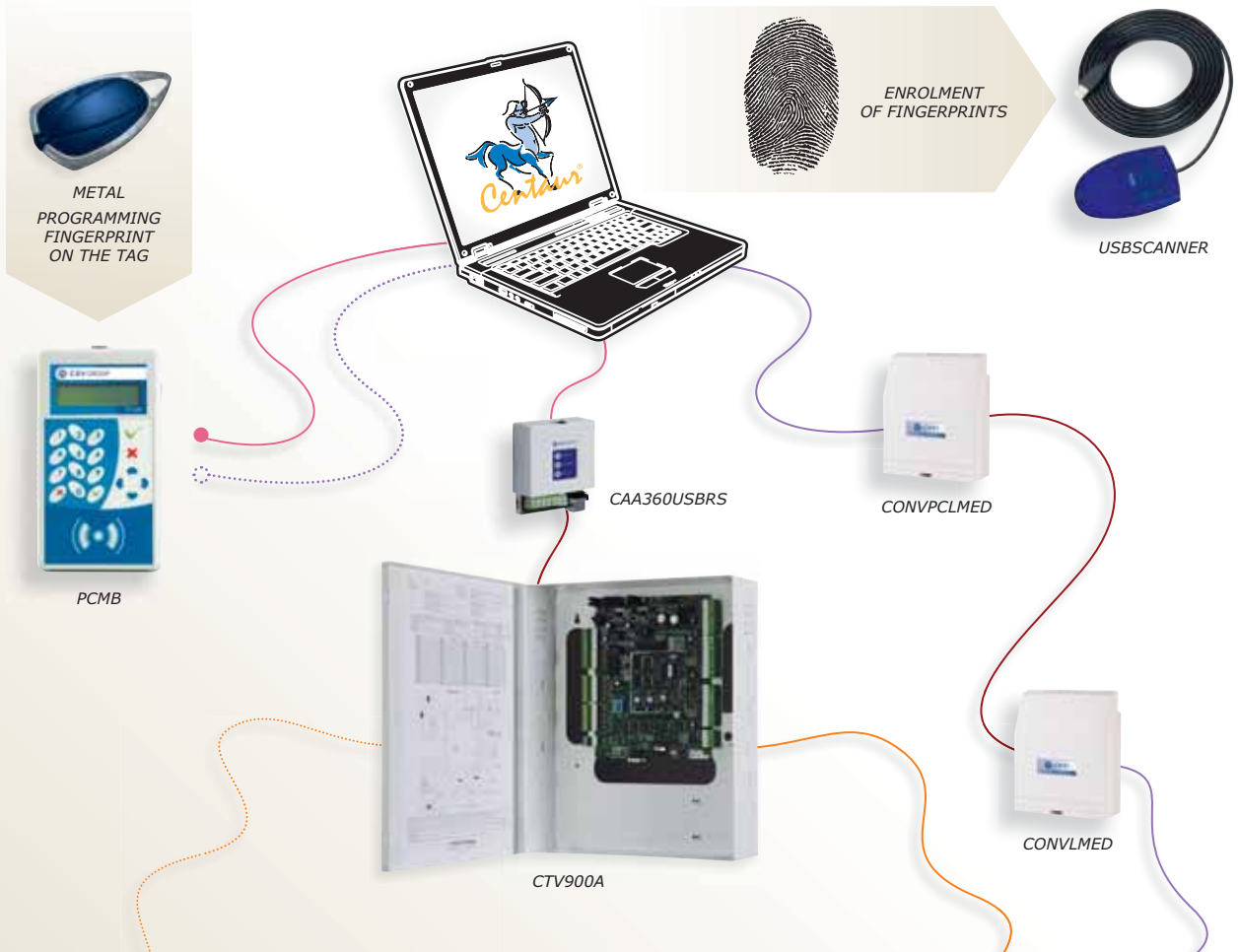
CODE	REFERENCE	DESCRIPTION
F0106000004	DGIDW	WIEGAND STANDALONE FINGERPRINT READER - BERGDATA®
F0106000013	CABAPROXW	WIEGAND BIOMETRIC READER + MIFARE® TAG - BERGDATA®
F0203000071	CA1C	SURFACE MOUNT HOUSING FOR CABAPROXW - BERGDATA®
F0203000083	CA3C	SURFACE MOUNT HOUSING FOR DGIDW - BERGDATA®
F0106000011	PCMB	MIFARE® TAG PROGRAMMER FOR CABAPROX - BERGDATA®
F0109000011	CONVLMED	BIOMETRIC CONVERTER
F0109000010	CONVPCLMED	FINGERPRINT PC CONVERTER
F0111000046	CAA360USBR5	RS485 TO USB CONVERTER MODULE

* Refer to Limited Lifetime Warranty Conditions.



Centauri

ONLINE ACCESS CONTROL



- TCP/IP
- Wiegand
- RS232
- USB
- RS485



CABAPROXW

UNLIMITED NUMBER OF USERS

Online or standalone





DGIDW

UP TO 400 FINGERPRINTS PER READER

* Refer to Limited Lifetime Warranty Conditions.

Centaur LONG-RANGE READER & ACTIVE CARD + WIEGAND RADIO RECEIVER

► MORE RELIABLE CONTROL OF YOUR ACCESS

DTRR1434 Long range reader + active card



DTRR1434
Long-range
reader

DTXT5434(M)
Active card

Card battery replaceable
ENVIRONMENT FRIENDLY

- **26 bits Wiegand outputs.**
- **Direct connection to the CTV900A or the CAA470A module.**
- **Adjustable range: Up to 15m.**
- **Simultaneous reading of 20 tags max.**
- **Frequency: 433.92 MHz.**
- **Built-in antenna.**
- **Audible and visual feedback.**
- **Available in stand-alone version (DTRR1434R).**
- Dimensions (L x W x D): 90 x 60 x 22mm.
- Sensitivity: -102dBm.
- Input voltage: 12-30V dc.
- Consumption: 40mA.



Commercial



Industrial



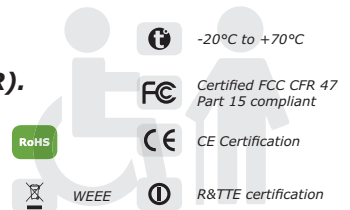
Public
Buildings



Multi-tenant
Occupancy



Residential



CODE	REFERENCE	DESCRIPTION
F0103000087	DTRR1434	LONG-RANGE READER
F0103000105	DTXT5434M	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR
F0103000106	DTXT5434	LONG-RANGE ACTIVE CARD
F0103000110	DTXT5434MP	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR + PROXIMITY 125 KHZ
F0103000112	DTXT5434P	LONG-RANGE ACTIVE CARD + PROXIMITY 125 KHZ
F0103000111	DTXT5434MMI	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR + MIFARE® 13,56 MHZ
F0103000113	DTXT5434MI	LONG RANGE ACTIVE MIFARE CARD 13.56MHZ
F0103000108	CLIPDIGITAGLR	ACTIVE CARD SUPPORT

Wiegand RF External Receiver **SELW2630MF**



Commercial



Industrial



Public
Buildings



Multi-tenant
Occupancy



Residential

- **26 or 30 bits Wiegand outputs.**
- **Fit for external installation (IP65).**
- **Direct connection to the CTV900A or the CAA470A module.**
- **RF receiver.**
- **Optional: tuned adjustable antenna (SEA433).**
- **Frequencies: 433 Mhz.**
- **Range up to 100m with open field.**
- Dimensions (L x W x D): 128 x 128 x 57mm.
- Surface mount.
- Security code: Keeloq® Rolling code.
- Modulation: AM/ASK.
- Input voltage: 12/24V ac/dc.
- Consumption: 24mA.



RoHS

WEEE

IP65

CE certification

R&TTE certification

-20°C to +70°C

Accessory



SEA433

CODE	REFERENCE	DESCRIPTION
F1001000067	SELW2630MF	WIEGAND 433 MHZ RF RECEIVER
F0103000029	SEA433	433 MHZ TUNED ADJUSTABLE ANTENNA

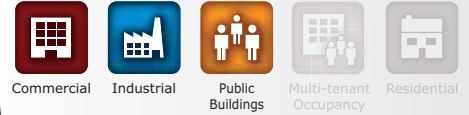
* Refer to Limited Lifetime Warranty Conditions.



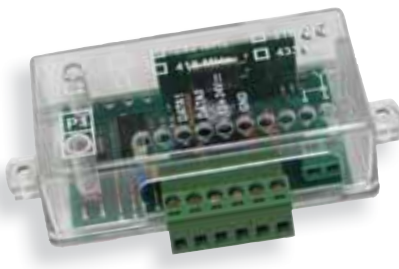
Centaur WIEGAND RF READER & ENROLMENT UNIT

► MORE RELIABLE CONTROL OF YOUR ACCESS

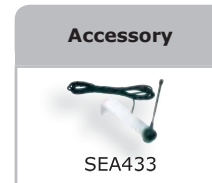
RECEPTW Wiegand RF Internal Receiver



- **26 or 30 bits Wiegand outputs.**
- **Direct connection to the CTV900A or the CAA470A module.**
- **RF receiver.**
- **Optional: tuned adjustable antenna (SEA433).**
- **1 channel, Rolling Codes, 433 MHz.**
- **Range up to 100m with open field.**



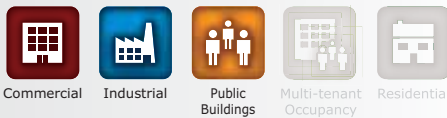
- Dimensions (L x W x D): 105 x 45 x 28mm.
- ABS box.
- Surface mount.
- Input voltage: 12V ac/dc.
- Consumption: 100mA.



- RoHS
- WEEE
- IP30
- CE Certification
- 20°C to +70°C

CODE	REFERENCE	DESCRIPTION
F0103000069	RECEPTW	WIEGAND 433 MHZ RF RECEIVER
F0103000029	SEA433	433 MHZ TUNED ADJUSTABLE ANTENNA

Desktop enrolment unit **CMPP**



- **Enrolment unit for proximity cards, tags and remote transmitters.**
- **EM 125 KHz Proximity module included.**
- **Avoid entering tags and remote transmitter numbers manually.**
- **Plug-on modules: RF, Mifare®.**
- **USB connection.**



- Dimensions (L x W x D):
 - CMPP = 180 x 100 x 40mm,
 - MR = 60 x 28 x 20mm,
 - MPM = 61 x 41 x 18mm.
- Can be used with all CDVI controllers.
- The CMPP is a "take-on" reader to assist in programming and identifying cards and tags.

- RoHS
- WEEE
- CE Certification
- R&TTE Certification
- 0°C to +50°C

CODE	REFERENCE	DESCRIPTION
F0103000011	CMPP	DESKTOP ENROLMENT UNIT WITH PROXIMITY CARD MODULE
F0103000037	MR	RF MODULE
F0103000092	MPM	MIFARE® MODULE

* Refer to Limited Lifetime Warranty Conditions.

Centaur® 125 KHZ PROXIMITY CARDS & TAGS

► THE ACCESSORIES FOR YOUR SYSTEM

METAL1 - PPCG - PPCB - PP - BP 125 kHz proximity tags

- **Polycarbonate.**
- **Key fob.**
- **Colour:** Grey (Available in blue - Ref PPCB).

- **Dimensions (L x W x D):** 42 x 28 x 5mm.



- **Leather.**
- **Key fob.**
- **Material:** Leather.
- **Dimensions (L x W x D):** Ø 45 mm.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential

- **Polycarbonate.**
- **Key fob.**

- **Material:** Polycarbonate.
- **Dimensions (L x W x D):** 52 x 23 x 5mm.

- **Metal.**
- **Sealed.**
- **Resistant.**
- **Key fob.**
- **Optional:** Engraving.

- **Material:** Metal & polycarbonate.
- **Dimensions (L x W x D):** 60 x 30 x 7mm.



RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0104000041	METAL1	METAL 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®
F0104000045	METAL1LASER1F	CUSTOMISABLE ENGRAVING FOR METAL1 TAG
F0104000003	BP	LEATHER 125 KHZ PROXIMITY TAG WITH KEY FOB - DIGITAG®
F0104000004	PP	POLYCARBONATE 125 KHZ PROXIMITY TAG WITH KEY FOB - DIGITAG®
F0104000035	PPCG	GREY POLYCARBONATE 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®
F0104000025	PPCB	BLUE POLYCARBONATE 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®

125 kHz proximity cards

CP - CPE - CP2



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



- **PVC.**
- **Key fob.**
- **Thickness:** 1,8mm.
- **Dimensions (L x W x D):** 85 x 54 x 10,8mm



- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customisable printing.
- **Dimensions (L x W x D):** 85 x 54 x 0,8mm

CPE



- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customisable printing.
- **Dimensions (L x W x D):** 85 x 54 x 0,8mm

CP2



CODE	REFERENCE	DESCRIPTION
F0104000001	CP	ISO 0.8-MM 125 KHZ PROXIMITY CARD - DIGITAG®
F0104000002	CPE	1.8-MM THICK 125 KHZ PROXIMITY CARD - DIGITAG®
F0104000008	CP2	125 KHZ MAGNETIC PROXIMITY CARD - DIGITAG®
F0104000011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F0104000029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

* Refer to Limited Lifetime Warranty Conditions.



Centaur MIFARE® CARDS & TAGS / DUAL-TECHNOLOGY TRANSMITTER

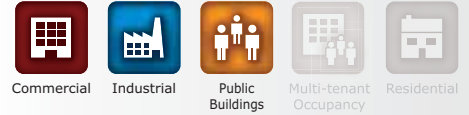
► THE ACCESSORIES FOR YOUR SYSTEM

METAL - BV - BMB Mifare® card and tags, 13.56 MHz

- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customizable printing.
- **Dimensions (L x W x D):** 85 x 54 x 0,8mm



- **Polycarbonate.**
- **Key fob.**
- **Reinforced with a metal ring.**
- **Material:** Polycarbonate.
- **Dimensions (L x W x D):** 52 x 23 x 5mm.



BV



METAL

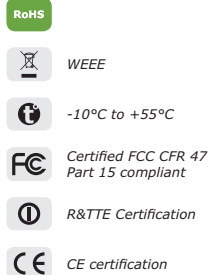
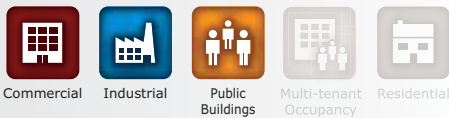
- **Metal.**
- **Sealed.**
- **Resistant.**
- **Key fob.**
- **Optional:** Engraving.
- **Material:** Metal & polycarbonate.
- **Dimensions (L x W x D):** 60 x 30 x 7mm.



CODE	REFERENCE	DESCRIPTION
F0108000033	METAL	METAL 125 KHZ MIFARE® TAG + KEY FOB - DIGITAG®
F0108000034	METALSPLASER1F	CUSTOMIZABLE ENGRAVING FOR METAL TAG
F0108000006	BV	ISO CARD - MIFARE® 13.56 MHZ
F0106000012	BMB	POLYCARBONATE TAG - MIFARE® 13.56 MHZ
F0104000011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F0104000029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

RF Transmitter + Proximity or Mifare®

ER - ERP - ERV



- **Technologies:**
 - RF (ER),
 - RF + Proximity (ERP),
 - RF + Mifare® (ERV).
- **Frequencies:**
 - RF = 433.92 MHz (ER - ERP - ERV),
 - Proximity = 125 kHz (ERP),
 - Mifare® = 13.56 MHz (ERV).
- **4 channels.**
 - Dimensions (L x W x D): 72 x 42 x 13mm.
 - Transmission: 100m with open field.
 - Weight: 12g.
 - Consumption: 15mA.
 - Input voltage: 3V cell (type CR 2032).



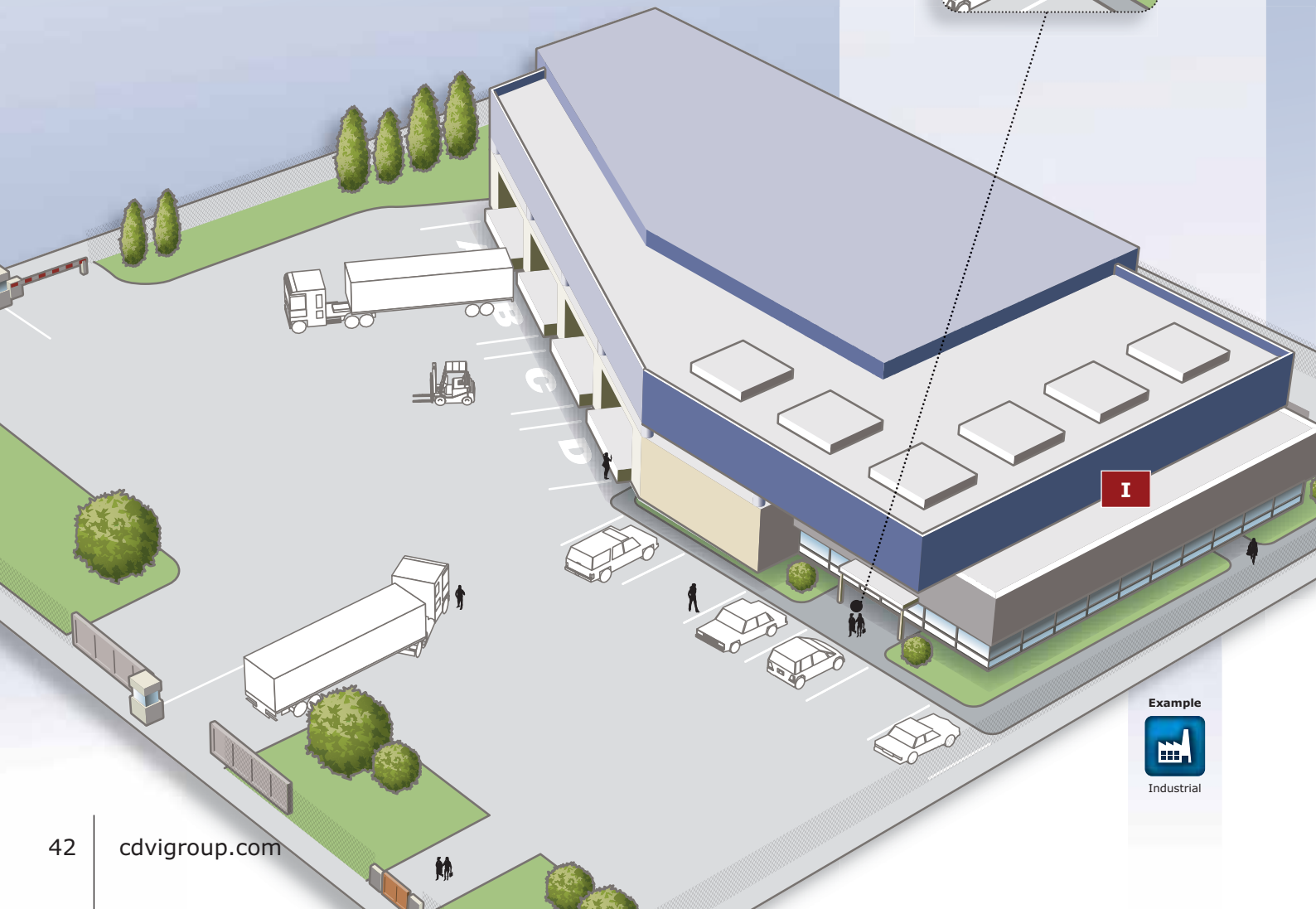
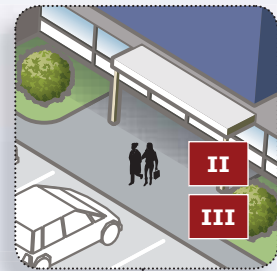
CODE	REFERENCE	DESCRIPTION
F0104000030	ER	4-CHANNEL RF TRANSMITTER
F0104000031	ERP	4-CHANNEL RF TRANSMITTER + PROXIMITY 125 KHZ
F0104000032	ERV	4-CHANNEL RF TRANSMITTER + MIFARE® 13.56 MHZ

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

INTERNET ACCESS CONTROL 128 DOORS PER CONTROLLER**EASY AND STRAIGHTFORWARD**

- No software (integrated internet server).
- TCP/IP ready.
- 128 doors per controller.
- Operates under Windows, Linux, MAC.
- Standard web browsers.
- Sites controlled over the internet.
- Multi-language support.
- Data backed up on SD card or USB key.
- Lift control.
- 2944 on-board cardholder database.
- More than 17,000 tags.
- 30 time zones.
- 16,000 events buffer.
- Multi-technology readers.
- Parking management.
- Built-in power supply with battery charger.
- All the information is stored on *terena*

terena[®]**INTERNET ACCESS CONTROL****WEB
INNOVATION**

Example



Industrial



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



terena

terena CREATE YOUR SYSTEM TO ORDER

► IN 3 STEPS

I ► CORE SYSTEM



Controller

The TERENA controller is the core of your access-control system.

► P. 47



II ► SUPPLEMENTARY MODULES



Door controller

A door controller (INTBUSW) is required for each Wiegand reader.

► P. 48



Interface board modules

CDVI has a range of interface board modules to manage peripherals and controls (Inputs/outputs, lifts, Output Board Module / Parking Status).

► P. 49



III ► DOOR COMPONENTS



Readers

CDVI has a range of readers (proximity, Mifare®, Digicode® and biometric) that are suitable for all types of configurations of the TERENA system.

► P. 50



Tags, cards and remote transmitters

CDVI has a range of complementary remote transmitters, tags and cards that complement the Multitechnologies® readers (proximity, RF, Mifare® and biometric).

► P. 62



Locking devices/Accessories

Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

► P. 212



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

► P. 268

ONLINE ACCESS CONTROL

* Refer to Limited Lifetime Warranty Conditions.

Terena WEB MANAGEMENT OF YOUR STRUCTURES

► COMPATIBLE WITH ALL WEB BROWSERS



NO SOFTWARE REQUIRED
A SIMPLE WEB BROWSER IS ENOUGH (INTEGRATED SERVER)

AUTOMATIC DOOR OPERATOR

INTERNET (LAN/WAN - TCP/IP)

PARKING MANAGEMENT

BIOMETRIC READERS

PROXIMITY 125 KHZ

RF

MIFARE® 13.56 MHZ

MULTI-LANGUAGE

ALARM

MANAGEMENT OF MORE THAN 17,000 TAGS, CARDS OR REMOTE TRANSMITTERS AND 2900 USER FILES.

LIFT

DATA BACK-UP ON SD CARD OR USB KEY

Example:
Public Buildings

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



terena

terena A POWERFUL WEB-BASED SYSTEM

► SYSTEM BLOCK DIAGRAM

TERENA allows you, with simple internet access, to manage and control your site anywhere in the world.



INTERNET
(LAN/WAN - TCP/IP)



3G TELEPHONE



INTERNET CAFE



OFFICES



HOME



INTERNET TERMINAL
(AIRPORTS, STATIONS, ETC.)



ONLINE ACCESS CONTROL

I CORE SYSTEM



terena

128-DOOR CONTROLLER

II SUPPLEMENTARY MODULES



Reader controller

REQUIRED FOR ALL WIEGAND READERS



C14AE

INPUT BOARD MODULE
(4 MODULES MAX.)



C14AS

OUTPUT BOARD MODULE
(4 MODULES MAX.)



C1410S

OUTPUT MODULES
PARKING STATUS
(4 MODULES MAX.)



C14DA

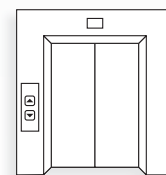
LIFT-CONTROL MODULE
(4 MODULES MAX.)

III DOOR COMPONENTS



Readers or Digicode® keypad
Power supplies
Accessories
Locking devices

Up to 128 doors per controller



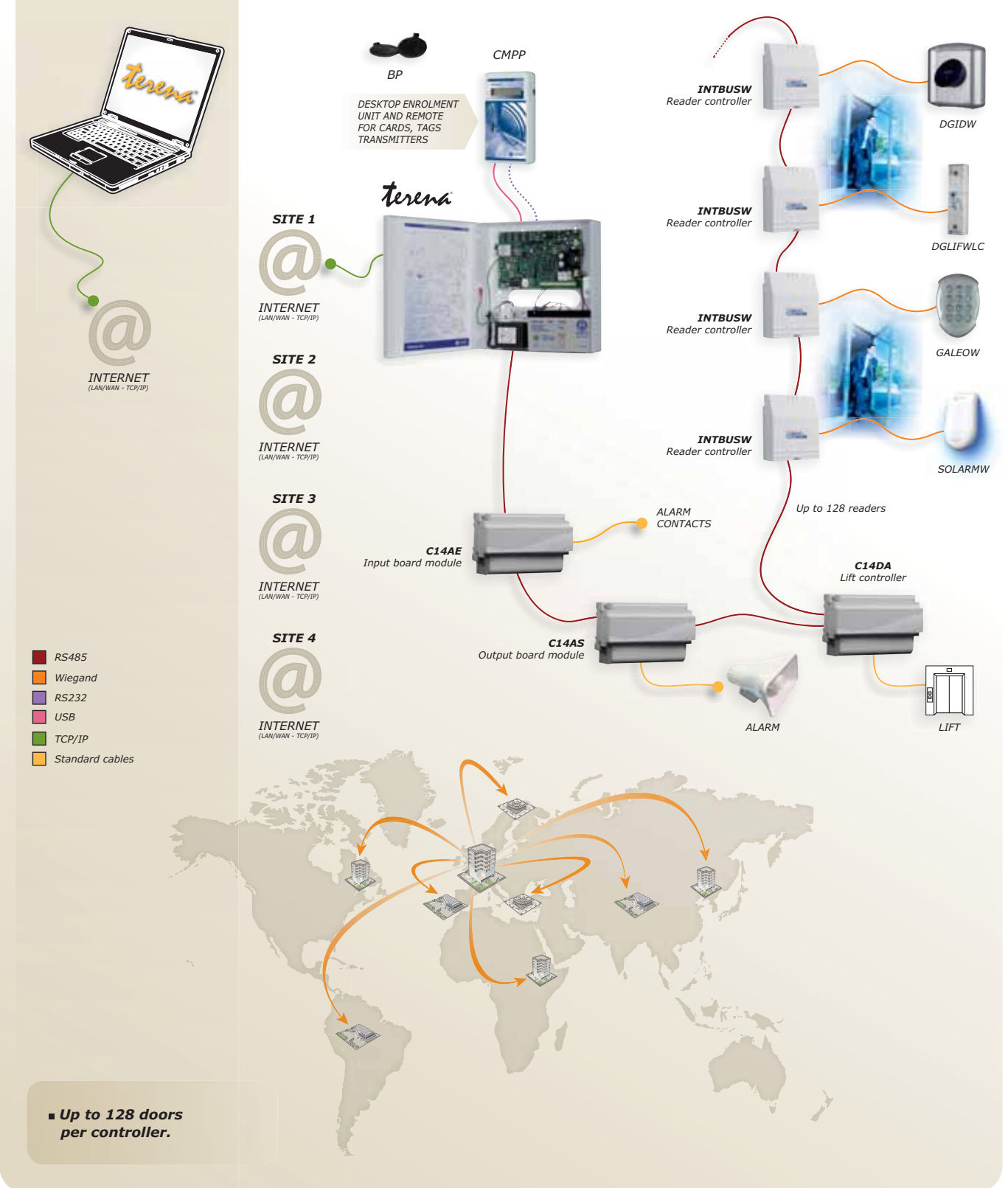
Up to 56 floors

- TCP/IP
- RS485
- Wiegand
- Standard cables

* Refer to Limited Lifetime Warranty Conditions.

terena INSTALLATION CONFIGURATION

► WEB-BASED MANAGEMENT (ACCESS CONTROL, ALARMS, LIFTS, ETC.)



* Refer to Limited Lifetime Warranty Conditions.



terena

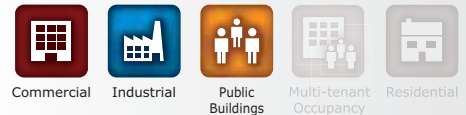
terena CONTROLLER

► 128 DOORS CONTROLLERS



WEB INNOVATION

- Dimensions (L x W x D): 298 x 285 x 78mm. management of 56 lift levels.
- 112 alarm points managed: 56 as inputs and 56 as outputs (BMS).
- Administrator management.
- Multi-languages: interface language of choice on SD card.
- 3-wire RS485 bus.
- Possibility of connecting a DGM1 controller via an interface for the history of resident events.
- On-board transformer: 16 Vdc 40VA, class II.
- Input voltage: 230V ac \pm 10%; 50/60 Hz.
- Consumption: 40 W.



EASY AND STRAIGHTFORWARD

- No software (integrated internet server).
- TCP/IP ready.
- 128 doors per controller.
- Operates under Windows, Linux, MAC.
- Standard web browsers.
- Site controlled over the internet.
- Multi-language support.
- Data back-ups on SD card or USB key.
- Lift management.
- 2944 on-board cardholder database.
- More than 17,000 tags.
- 30 time zones.
- 16,000 events buffer in the memory.
- Multitechnologies® readers.
- Parking management.
- Built-in PSU with battery charger (Battery non included).
- All the information is stored on *terena*

RoHS

WEEE

CE CE Certification

-20°C to +50°C

IP20

CODE	REFERENCE	DESCRIPTION
F0113000002	TERENA	128-DOOR WEB BASED CONTROLLER WITH METAL BOX
F0120000001	JF	TRAINING DAY
C3202B001	B7AH	12V 7.0A/H BATTERY

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

Terena SUPPLEMENTARY MODULES

► OPTIMISE THE MANAGEMENT OF YOUR SITE

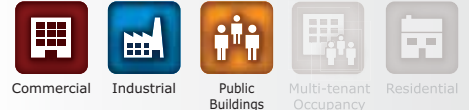
INTBUSW

Reader controller - Wiegand



- **Wiegand protocol for communication with the multitechnology reading units (proximity, RF, Mifare®, etc.)**
- **Online or downgraded mode.**
- **2 relay outputs:**
 - locking system output,
 - alarm output.
- **Contacts:**
 - tag authorisation,
 - door open/closed monitoring.

- Dimensions (L x W x D): 146 x 100 x 40mm.
- Comes with a plastic box.
- RS485 bus (3 wires) for readers.
- 2 on-board inputs (REX and door contact).
- Input voltage:
 - 12V ac/dc,
 - 24V dc.
- Consumption: 150mA.

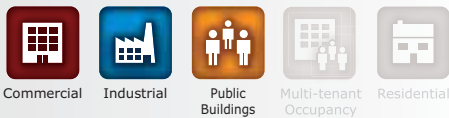


- RoHS
- WEEE
- CE Certification
- IP52
- 20°C to +70°C

CODE	REFERENCE	DESCRIPTION
F011300001	INTBUSW	READER CONTROLLER - WIEGAND

Output Board Module / Parking Status

C1410S



- **Counting management module:**
Counting mode in a zone (activates an output when the zone is full or empty).

- Dimensions (L x W x D): 87 x 175 x 63mm.
- Connection to the RS485 bus (3 wires).
- Convenient, the controller can be connected anywhere on the bus (up to 1,200m).
- DIN RAIL modular box.
- Input voltage: 12 V AC/DC.
- Consumption: 300 mA max.



- RoHS
- WEEE
- CE Certification
- IP20
- 20°C to +55°C



CODE	REFERENCE	DESCRIPTION
F040100004	C1410S	OUTPUT BOARD MODULE - PARKING STATUS / 10-BELL MODULE

* Refer to Limited Lifetime Warranty Conditions.



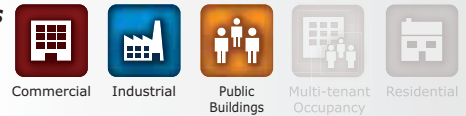
terena

terena SUPPLEMENTARY MODULES

▶ OPTIMISE THE MANAGEMENT OF YOUR SITE

C14AE - C14AS "Input/Output" board modules

■ **Ideal for managing peripherals and controls (heating, air-conditioning, lights, intruder detection, access control, alarm reporting, etc.).**



- Dimensions (L x W x D): 87 x 175 x 63mm.
- 56 input points (4 C14A/E cards) and 56 output points (4 C14A/S cards).
- I/O boards connected on the RS485 bus (3 wires) controlled by the controller.
- "Input" management card (C14A/E): the controller memorises every NO/NC switch.
- "Output" management card (C14A/S): transmits an impulse to the relay to launch a command system.
- DIN RAIL modular box.
- DIN RAIL for 10 modules included.
- Input voltage: 12V ac/dc.
- Consumption:
 - C14A/E = max. 50mA,
 - C14A/S = max. 300mA.

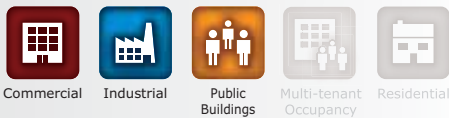
Recommended power supplies



- RoHS
- WEEE
- CE Certification
- IP20
- 20°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0103000018	C14AE	14-INPUT BOARD MODULE - DIN RAIL BOX
F0103000019	C14AS	14-OUTPUT BOARD MODULE - DIN RAIL BOX

Lift controller **C14DA**



■ **Ideal for lift management.**
 ■ **14 on-board floor control relays.**
 ■ **Max. 4 C14D/A per controller (max. 56 floors).**

- Dimensions (L x W x D): 87 x 175 x 63mm.
- Connection for 14 relays (N/O) for floor control by screw terminal block.
- Connection to the RS485 bus (3 wires).
- Floors assigned by the software.
- Convenient, the controller can be connected anywhere on the bus (up to 1,200m).
- DIN RAIL modular box.
- DIN RAIL for 10 modules included.
- 12V ac/dc power supply.
- Consumption: max. 300mA.



- RoHS
- WEEE
- CE Certification
- IP20
- 20°C to +55°C

Recommended power supplies



CODE	REFERENCE	DESCRIPTION
F0401000010	C14DA	14-RELAY LIFT CONTROLLER

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

terena WIEGAND MULTI-PROTOCOL PROXIMITY READERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

NANO - STAR - SOLAR 125 Khz proximity Readers

ILLUMINATION STATUS



BLUE
STAND-BY



ORANGE
TAG READ



GREEN
ACCESS GRANTED



RED
ACCESS DENIED

Reflective
backlight



[A]
WHITE VERSION: NANOPW
BLACK VERSION: NANOPB



[B]
WHITE VERSION: STARPW
BLACK VERSION: STARPB

label
observeurdudesign11



INBUSW
Wiegand reader controller
Not supplied - See page 48.



AS AWARDED BY THE CHICAGO ATHENAEUM:
MUSEUM OF ARCHITECTURE AND DESIGN.



RoHS

Environmental tests:
vibrations

WEEE

IP53



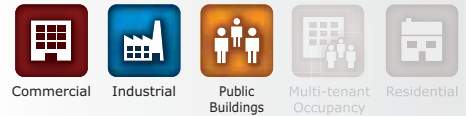
CE Certification

Certified FCC CFR 47
Part 15 compliant

R&TTE Certification

-30°C to +70°C

* Refer to Limited Lifetime Warranty Conditions.



[D]
WHITE VERSION: SOLARKPW
BLACK VERSION: SOLARKPB



[C]
WHITE VERSION: SOLARPW
BLACK VERSION: SOLARPB



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- High performance read range.
- Innovative design.
- Reflective backlit card reader.
- Audible and visual feedback.
- PCB sealed in epoxy.
- Polycarbonate.
- Easy to mount.
- Colours: White, black and grey**.
- Available in Mifare® technology (P. 57).

- Dimensions (L x W x D):
 - [A] = 70 x 43 x 23mm,
 - [B] = 130 x 41 x 28mm,
 - [C] and [D] = 130 x 90 x 35mm.
- Technologies:
 - Proximity 125 Khz,
 - Dual technology Digicode® + Proximity.
- Weights:
 - [A] = 100gr,
 - [B] = 200gr,
 - [C] and [D] = 300gr.
- Protocols:
 - [A] = MARIN,
 - [B], [C] and [D] = MARIN and H D.
- Input voltage: 12V dc.
- Consumption:
 - [A] = 100mA,
 - [B] = 120mA,
 - [C] and [D] = 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

CODE	REFERENCE	DESCRIPTION
F0101000066	NANOPW	125 KHZ WHITE NANO PROXIMITY READER
F0101000070	NANOPB	125 KHZ BLACK NANO PROXIMITY READER
F0101000064	STARPW	125 KHZ WHITE NARROW STYLE PROXIMITY READER
F0101000068	STARPB	125 KHZ BLACK NARROW STYLE PROXIMITY READER
F0101000065	SOLARPW	125 KHZ WHITE PROXIMITY READER
F0101000069	SOLARPB	125 KHZ BLACK PROXIMITY READER
F0101000072	SOLARKPW	125 KHZ WHITE DUAL-TECHNOLOGY DIGICODE®/PROXIMITY READER
F0101000074	SOLARKPB	125 KHZ BLACK DUAL-TECHNOLOGY DIGICODE®/PROXIMITY READER

* Refer to Limited Lifetime Warranty Conditions.
** On demand.

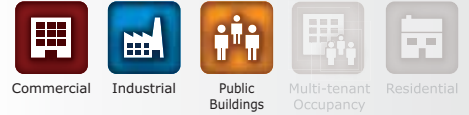
Terena WIEGAND MULTI-PROTOCOL PROXIMITY INOX READERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

DGLIWLC - DGLIFWLC 125 kHz proximity reader



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- PCB sealed in epoxy.
- Audible and visual feedback.
- Stainless steel.



- DGLI WLC (L x W x D): 76 x 97 x 20mm.
- DGLIF WLC (L x W x D): 140 x 35 x 21.5mm.
- Technology: 125 kHz.
- Multi card protocol reader.
- Surface mount (ideal on glass doors).
- Input voltage: 12V dc.
- Consumption: 100mA.

PATENTED BREVETÉ

H.R.V.
HIGH RESISTANCE TO VANDALISM

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

RoHS

CE CE certification

Environmental tests: vibrations

FC Certified FCC CFR 47 Part 15 compliant

WEEE

Ⓡ Certification R&TTE

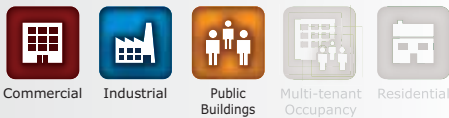
IP53

-30°C to +70°C

CODE	REFERENCE	DESCRIPTION
F0101000054	DGLIWLC	STAINLESS-STEEL STANDARD PROXIMITY READER - DIGIPROX®
F0101000053	DGLIFWLC	STAINLESS-STEEL NARROW STYLE PROXIMITY READER - DIGIPROX®

125 khz Stainless-steel flush-mount proximity reader

DGLIEWLC



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- PCB sealed in epoxy.
- Audible and visual feedback.
- Stainless steel.

H.R.V.
HIGH RESISTANCE TO VANDALISM



RoHS

Environmental tests: vibrations

WEEE

Ⓡ Certification R&TTE

IP53

CE CE Certification

-30°C to +70°C

FC Certified FCC CFR 47 Part 15 compliant

PATENTED BREVETÉ

INOX

Recommended power supplies



- DGLIEWLC (L x W x D): 110 x 110 x 47mm.
- Back box (L x W x D): 90 x 90 x 45mm.
- Technology: 125 kHz.
- Multi card protocol reader.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.



INTBUSW
Wiegand reader controller
Not supplied - See page 48.

CODE	REFERENCE	DESCRIPTION
F0101000060	DGLIEWLC	STAINLESS-STEEL FLUSH-MOUNT PROXIMITY READER - DIGIPROX®

* Refer to Limited Lifetime Warranty Conditions.



terena

terena WIEGAND MULTI-PROTOCOL PROXIMITY READERS

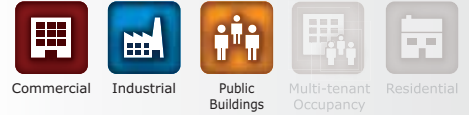
► MORE RELIABLE CONTROL OF YOUR ACCESS

ONLINE ACCESS CONTROL

DGLPTWLC 125 kHz polycarbonate proximity reader



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- Mushroom type reader.
- Audible and visual feedback.
- Ideal for audio entry panels.
- Flush mount.
- Polycarbonate.



- Dimensions (H x Ø): 30.9 x 43.8mm.
- Flush mount dimensions (H x Ø): 20.9 x 25mm.
- PCB sealed in epoxy.
- Connection by 6/10 4-pair cable.
- Input voltage: 12V ac/dc.
- Consumption: 100mA.

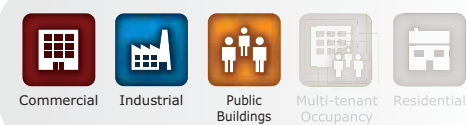
- RoHS
- Environmental tests: vibrations
- WEEE
- IP64
- CE Certification
- R&TTE certification
- 25°C to +55°C

INTBUSW
Wiegand reader controller
Not supplied - See page 48.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

CODE	REFERENCE	DESCRIPTION
F0101000058	DGLPTWLC	ROUND TYPE PROXIMITY READER - DIGIPROX®
F0701000067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

125 kHz hands-free proximity reader DGLP60WLC



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- Polycarbonate reader.
- Extra-flat.
- Surface mount.
- Reading distance from 30 to 60cm**.



- RoHS
- Environmental tests: vibrations
- WEEE
- IP53
- CE certification
- R&TTE certification
- 20°C to +55°C

Recommended power supplies

ARD12 BS60

- Dimensions (L x W x D): 400 x 325 x 25mm.
- Open collector outputs (Clock, Data 0 and Data 1).
- Reading distance: up to 30cm with tags (ref. PPC**) and up to 60cm with cards (ref. CPE**).
- Self-contained electronics.
- Audible and visual feedback.
- Input voltage: 12V dc.
- Consumption: 450mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

INTBUSW
Wiegand reader controller
Not supplied - See page 48.

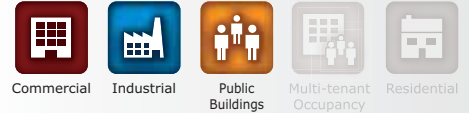
CODE	REFERENCE	DESCRIPTION
F0101000050	DGLP60WLC	HANDS-FREE READER - DIGIPROX®

* Refer to Limited Lifetime Warranty Conditions.
** This performance level is for an environment free from any electromagnetic disruptions.

Terena WIEGAND DUAL-TECHNOLOGY READER

► MORE RELIABLE CONTROL OF YOUR ACCESS

KCPROXWLC Digicode®/Proximity Dual-Technology reader

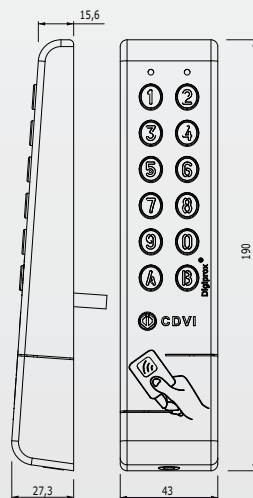


H.R.V.
HIGH RESISTANCE
TO VANDALISM
INOX



- **Dual technology:**
 - Proximity reader,
 - Digicode® keypad.
- **Output format:** Wiegand.
- **Connection to the controller** via the Wiegand bus interface (**INTBUSW**).
- **Stainless steel.**
- **Narrow:** Ideal for installation on aluminium profile.
- **Backlit.**
- **Recommended for activating and deactivating your alarm system.**
- **Surface-mount.**
- **Mounting with tampered Diax® screws.**

- Audible and visual feedback.
- Dimensions (L x W x D): 190 x 43 x 27mm.
- Input voltage: 12V dc.
- Consumptions: 120mA.



- RoHS**
- WEEE**
- Environmental tests:** vibrations
- R&TTE certification**
- IP64**
- CE certification**
- 25°C to +70°C**
- FC** Certified FCC CFR 47 Part 15 compliant



INTBUSW
Wiegand reader controller
Not supplied - See page 48.

**PATENTÉ
BREVETÉ**

CODE	REFERENCE	DESCRIPTION
F0103000102	KCPROXWLC	WIEGAND STAINLESS-STEEL DIGICODE®/PROXIMITY DUAL-TECHNOLOGY READER

* Refer to Limited Lifetime Warranty Conditions.



terena

terena WIEGAND READERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

GALEOW

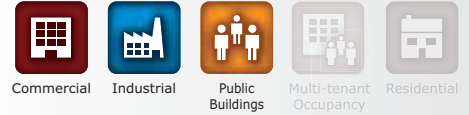
Illuminated weatherproof Digicode® Keypad



INTBUSW
Wiegand reader controller
Not supplied - See page 48.

- **Output format:** Wiegand.
- **Connection to the controller via the Wiegand bus interface (INTBUSW).**
- **Backlit.**
- **Material:** Cast aluminium.
- **Audible and visual feedback.**
- **Surface mount.**
- **Compact and robust.**
- **Installation with Torx® screws**
- **Completely sealed (in epoxy).**

- Dimensions (L x W x D): 110 x 75 x 15mm.
- E2PROM permanent memory backup.
- Code length: 4, 5 or 6 digits.
- Input voltage: 12V dc.
- Consumption: max. 100mA.



HIGH RESISTANCE TO VANDALISM

RoHS

Environmental tests: vibration

WEEE

IP64

CE Certification

-25°C to +70°C

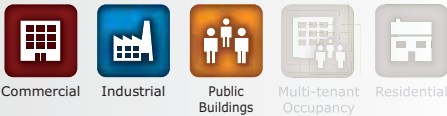
Recommended power supplies



CODE	REFERENCE	DESCRIPTION
F0201000062	GALEOW	CAST ALUMINIUM DIGICODE® KEYPAD

13.56 MHz Mifare® reader

DGMW



MIFARE®
ISO 14443A

RoHS

Environmental tests: vibration

WEEE

IP52

CE Certification

-10°C to +50°C

Recommended power supplies



- **26 or 44 bits Wiegand outputs.**
- **Connection to the controller via the Wiegand bus interface (INTBUSW).**
- **MIFARE® proximity technology.**

- Dimensions:
 - DGMW (L x W x D) = 78 x 57 x 24mm,
 - DGMW reader (Ø x D) = Ø44 x 41mm.
- Input voltage: 12V ac/dc.
- Consumption: 300mA.



INTBUSW
Wiegand reader controller
Not supplied - See page 48.

CODE	REFERENCE	DESCRIPTION
F0101000059	DGMW	ROUND TYPE MIFARE® READER
F0701000067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

Terena WIEGAND MIFARE® READER

► MORE RELIABLE CONTROL OF YOUR ACCESS



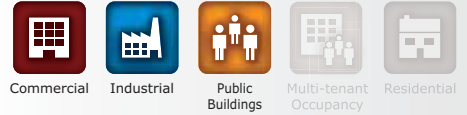
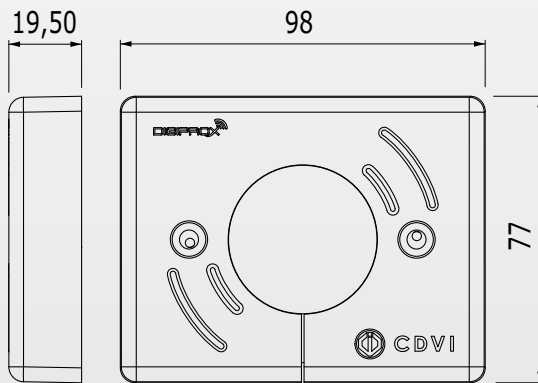
DGLIMWLC 13,56 MHz Stainless-Steel reader

INOX

H.R.V.
HIGH RESISTANCE
TO VANDALISM



MIFARE®
ISO 14443A




- Standards Mifare® and Desfire®.
- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- Completely sealed (in epoxy).
- Audible and visual feedback.
- Surface-mount.
- Stainless steel reader.

- Dimensions (L x W x D): 76 x 97 x 20mm.
- PCB sealed in epoxy.
- Audible and visual feedback.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.


RoHS


 Environmental tests: vibrations

 WEEE

 R&TTE certification

 IP53

 CE certification

 -30°C to +70°C



INTBUSW
Wiegand reader controller
Not supplied - See page 48.

PATENTED
BREVETÉ

CODE	REFERENCE	DESCRIPTION
F010100063	DGLIMWLC	13.56 MHZ STAINLESS STEEL MIFARE® READER

* Refer to Limited Lifetime Warranty Conditions.



terena

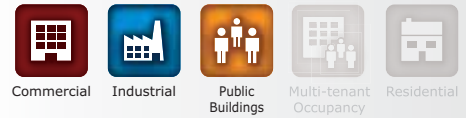
terena WIEGAND MIFARE® READER

► MORE RELIABLE CONTROL OF YOUR ACCESS



ONLINE ACCESS CONTROL

SOLARMW - SOLARMB 13.56 MHz Mifare® Reader



- Standards Mifare® and Desfire®.
- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- Innovative design.
- Reflective backlit card reader.
- Audible and visual feedback.
- PCB sealed in epoxy.
- Polycarbonate.
- Easy to mount.
- Colours: White, black and grey**.
- Available in 125 KHz proximity technology (Page 28).

- Dimensions (L x W x D): 130 x 90 x 35mm.
- Weight: 300gr.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

WHITE VERSION: SOLARMW
BLACK VERSION: SOLARMB

MIFARE®
ISO 14443A



AS AWARDED BY THE CHICAGO ATHENAEUM: MUSEUM OF ARCHITECTURE AND DESIGN.

RoHS

Environmental tests: vibrations

WEEE

IP53

CE certification

FCC Certified FCC CFR 47 Part 15 compliant

R&TTE certification

-30°C to +70°C



INTBUSW
Wiegand reader controller
Not supplied - See page 48.

ILLUMINATION STATUS

BLUE STAND-BY	ORANGE TAG READ	GREEN ACCESS GRANTED	RED ACCESS DENIED

CODE	REFERENCE	DESCRIPTION
F0101000067	SOLARMW	13.56 MHZ WHITE MIFARE® READER
F0101000071	SOLARMB	13.56 MHZ BLACK MIFARE® READER

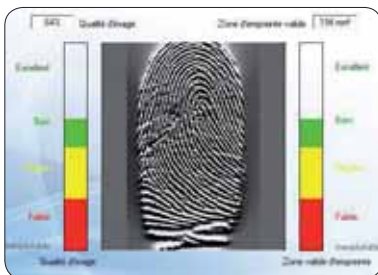
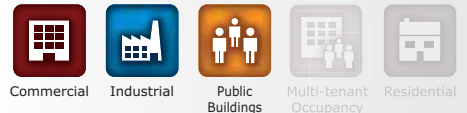
* Refer to Limited Lifetime Warranty Conditions.
** On demand.

Terena WIEGAND BIOMETRIC READERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

DGIDW - CABAPROXW Fingerprint readers

Biometric systems in France must comply with the texts of the CNIL (www.cnil.fr)



DGIDW

- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- Swipe finger method.
- Finger auto detection.
- Self-cleaning sensor.
- Resolution 500 dpi (Standard FBI).
- Choice of one or several fingers during registration).
- Audible and visual feedback.
- Encrypted communication with the PC.

CNIL
UNIQUE AUTHORIZATION
N°AU-008



CABAPROXW

- Open collector outputs (Clock, Data 0 and Data 1).
- 1 tamper switch on the front panel.
- Input voltage:
 - CABAPROXW = 12V dc.
 - DGIDW = 12V dc.

Specific features of the DGIDW

- Dimensions (L x W x D): 120 x 120 x 61mm.
- Flush mount (L x W x D): 95 x 90 x 45mm.
- Memorises up to 400 fingerprints.
- Delivered with software on CD-ROM.
- Consumption: 300mA.

Specific features of the CABAPROXW

- Dimensions (L x W x D): 200 x 120 x 61mm.
- Back box (L x W x D): 170 x 95 x 45mm.
- Unlimited number of fingerprints.
- Fingerprint encrypted and stored on the card or tag.
- Biometric and Mifare® reader.
- Consumption: 450mA.

USBSCANNER



PCMB

PCMB
Free software + USB SCANNER included (see details page 104)

RoHS

WEEE

R&TTE certification

-10°C to +70°C

IP53

CE certification

Recommended power supplies



ARD12

BS60

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Compliant with applicable EMC standards: EN 50133, EN 50130-4.



INTBUSW
Wiegand reader controller
Not supplied - See page 48.

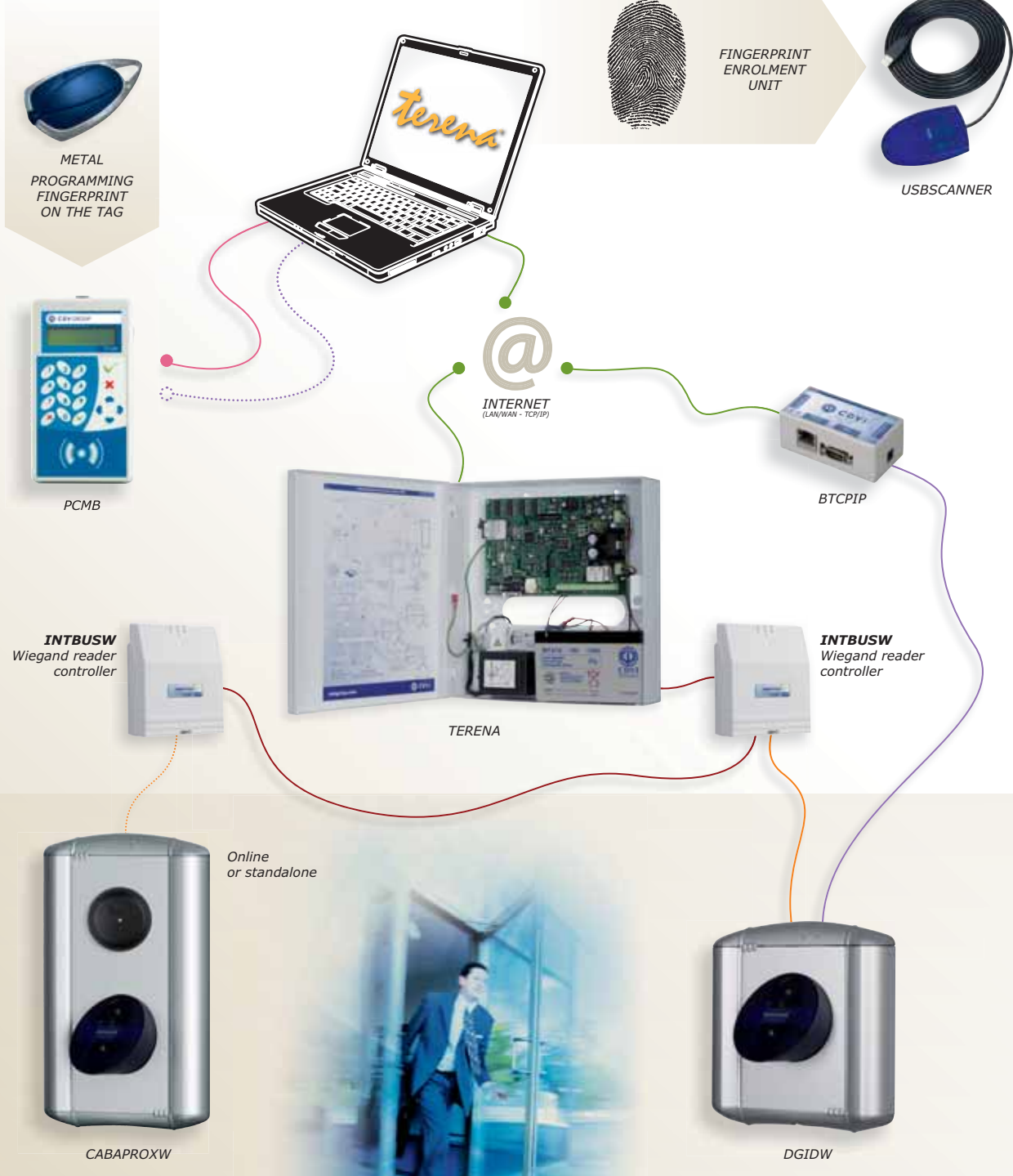
CODE	REFERENCE	DESCRIPTION
F010600004	DGIDW	WIEGAND STANDALONE FINGERPRINT READER - BERGDATA®
F010600013	CABAPROXW	WIEGAND BIOMETRIC READER + MIFARE® TAG - BERGDATA®
F0203000071	CA1C	SURFACE MOUNT HOUSING FOR CABAPROXW - BERGDATA®
F0203000083	CA3C	SURFACE MOUNT HOUSING FOR DGIDW - BERGDATA®
F0106000011	PCMB	MIFARE® TAG PROGRAMMER FOR CABAPROX - BERGDATA®
F0701000060	CONV232USB	RS232 TO USB CONVERTER
F0109000014	BTCPIP	RS232 IP INTERFACE

* Refer to Limited Lifetime Warranty Conditions.



terena

ONLINE ACCESS CONTROL



UNLIMITED NUMBER OF USERS

UP TO 400 FINGERPRINTS PER READER



* Refer to Limited Lifetime Warranty Conditions.

Terena LONG-RANGE READER & ACTIVE CARD + WIEGAND RADIO RECEIVER

► MORE RELIABLE CONTROL OF YOUR ACCESS

DTRR1434 Long range reader + active card



DTRR1434
Long-range
reader



DTXT5434(M)
Active card

Card battery replaceable
ENVIRONMENT FRIENDLY

- **26 bits Wiegand output.**
- **Connection to the controller via the Wiegand bus interface (INTBUSW).**
- **Adjustable range: Up to 15m.**
- **Simultaneous reading of 20 tags max.**
- **Frequency: 433.92 MHz.**
- **Built-in antenna.**
- **Audible and visual feedback.**
- **Available in stand-alone version (DTRR1434R).**
- Dimensions (L x W x D): 90 x 60 x 22mm.
- Sensitivity: -102dBm.
- Input voltage: 12-30V dc.
- Consumption: 40mA.



Commercial



Industrial



Public
Buildings



Multi-tenant
Occupancy



Residential



R&TTE certification



Certified FCC CFR 47
Part 15 compliant



WEEE



RoHS



-20°C to +70°C



CE Certification

INTBUSW

Wiegand reader controller
Not supplied - See page 48.

CODE	REFERENCE	DESCRIPTION
F010300087	DTRR1434	LONG-RANGE READER
F0103000105	DTXT5434M	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR
F0103000106	DTXT5434	LONG-RANGE ACTIVE CARD
F0103000110	DTXT5434MP	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR + PROXIMITY 125 KHZ
F0103000112	DTXT5434P	LONG-RANGE ACTIVE CARD + PROXIMITY 125 KHZ
F0103000111	DTXT5434MMI	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR + MIFARE® 13,56 MHZ
F0103000113	DTXT5434MI	LONG RANGE ACTIVE MIFARE CARD 13.56MHZ
F0103000108	CLIPDIGITAGLR	ACTIVE CARD SUPPORT

Wiegand Radio External Receiver

SELW2630MF



Commercial



Industrial



Public
Buildings



Multi-tenant
Occupancy



Residential

- **26 or 30 bits Wiegand outputs.**
- **Fit for external installation (IP65).**
- **Connection to the controller via the Wiegand bus interface (INTBUSW).**
- **RF receiver.**
- **Optional: tuned adjustable antenna (SEA433).**
- **Frequencies: 433 MHz.**
- **Range up to 100m with open field.**
- Dimensions (L x W x D): 128 x 128 x 57mm.
- Surface mount.
- Security code: Keeloq® Rolling code.
- Modulation: AM/ASK.
- Input voltage: 12/24V ac/dc.
- Consumption: 24mA.



WEEE



RoHS



R&TTE certification



-20°C to +70°C



IP65



CE certification



Accessory

SEA433



INTBUSW

Wiegand reader controller
Not supplied - See page 48.

CODE	REFERENCE	DESCRIPTION
F1001000067	SELW2630MF	WIEGAND 433 MHZ RF RECEIVER
F0103000029	SEA433	433 MHZ TUNED ADJUSTABLE ANTENNA

* Refer to Limited Lifetime Warranty Conditions.

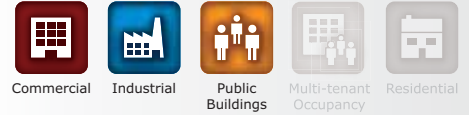
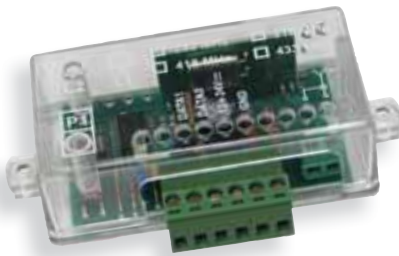


Terena

Terena WIEGAND RF READER & ENROLMENT UNIT

► MORE RELIABLE CONTROL OF YOUR ACCESS

RECEPTW Wiegand RF Internal Receiver



- 26 or 30 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- RF receiver.
- Optional: tuned adjustable antenna (SEA433).
- 1 channel, Rolling Codes, 433 MHz.
- Range up to 100m with open field.

- Dimensions (L x W x D): 105 x 45 x 28mm.
- ABS box.
- Surface mount.
- Input voltage: 12V ac/dc.
- Consumption: 100mA.

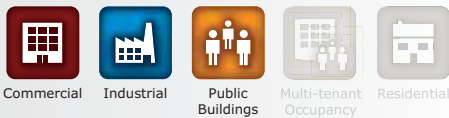


- RoHS
- WEEE
- IP30
- CE Certification
- 20°C to +70°C

INTBUSW
Wiegand reader controller
Not supplied - See page 48.

CODE	REFERENCE	DESCRIPTION
F0103000069	RECEPTW	WIEGAND 433 MHZ RF RECEIVER
F0103000029	SEA433	433 MHZ TUNED ADJUSTABLE ANTENNA

Desktop enrolment unit CMPP



- Enrolment unit for proximity cards, tags and remote transmitters.
- EM 125 KHz Proximity module included.
- Avoid entering tags and remote transmitter numbers manually.
- Plug-on modules: RF, Mifare®.
- USB connection.

- Dimensions (L x W x D):
 - CMPP = 180 x 100 x 40mm,
 - MR = 60 x 28 x 20mm,
 - MPM = 61 x 41 x 18mm.
- Can be used with all CDVI controllers.
- The CMPP is a "take-on" reader to assist in programming and identifying cards and tags.



- RoHS
- WEEE
- CE Certification
- R&TTE Certification
- 0°C to +50°C

CODE	REFERENCE	DESCRIPTION
F0103000011	CMPP	DESKTOP ENROLMENT UNIT WITH PROXIMITY CARD MODULE
F0103000037	MR	RF MODULE
F0103000092	MPM	MIFARE® MODULE

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

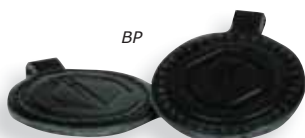
Terena 125 KHZ PROXIMITY CARDS & TAGS

► THE ACCESSORIES FOR YOUR SYSTEM

METAL1 - PPCG - PPCB - PP - BP 125 kHz proximity tags

- **Polycarbonate.**
- **Key fob.**
- **Colour:** Grey (Available in blue - Ref PPCB).

- **Dimensions (L x W x D):** 42 x 28 x 5mm.



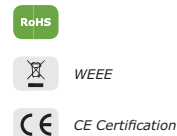
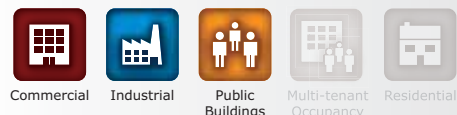
- **Leather.**
- **Key fob.**
- **Material:** Leather.
- **Dimensions (L x W x D):** Ø 45 mm.

- **Polycarbonate.**
- **Key fob.**

- **Material:** Polycarbonate.
- **Dimensions (L x W x D):** 52 x 23 x 5mm.

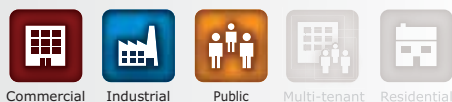
- **Metal.**
- **Sealed.**
- **Resistant.**
- **Key fob.**
- **Optional:** Engraving.

- **Material:** Metal & polycarbonate.
- **Dimensions (L x W x D):** 60 x 30 x 7mm.



CODE	REFERENCE	DESCRIPTION
F0104000041	METAL1	METAL 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®
F0104000045	METAL1LASER1F	CUSTOMISABLE ENGRAVING FOR METAL1 TAG
F0104000003	BP	LEATHER 125 KHZ PROXIMITY TAG WITH KEY FOB - DIGITAG®
F0104000004	PP	POLYCARBONATE 125 KHZ PROXIMITY TAG WITH KEY FOB - DIGITAG®
F0104000035	PPCG	GREY POLYCARBONATE 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®
F0104000025	PPCB	BLUE POLYCARBONATE 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®

125 kHz proximity cards CP - CPE - CP2



- **PVC.**
- **Key fob.**
- **Thickness:** 1,8mm.
- **Dimensions (L x W x D):** 85 x 54 x 10,8mm



- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customisable printing.
- **Dimensions (L x W x D):** 85 x 54 x 0,8mm



- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customisable printing.
- **Dimensions (L x W x D):** 85 x 54 x 0,8mm



CODE	REFERENCE	DESCRIPTION
F0104000001	CP	ISO 0.8-MM 125 KHZ PROXIMITY CARD - DIGITAG®
F0104000002	CPE	1.8-MM THICK 125 KHZ PROXIMITY CARD - DIGITAG®
F0104000008	CP2	125 KHZ MAGNETIC PROXIMITY CARD - DIGITAG®
F0104000011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F0104000029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

* Refer to Limited Lifetime Warranty Conditions.



terena

terena MIFARE® CARDS & TAGS / DUAL-TECHNOLOGY TRANSMITTER

► THE ACCESSORIES FOR YOUR SYSTEM

METAL - BV - BMB Mifare® card and tags, 13.56 MHz

- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customizable printing.
- **Dimensions (L x W x D):** 85 x 54 x 0,8mm



- **Polycarbonate.**
- **Key fob.**
- **Reinforced with a metal ring.**
- **Material:** Polycarbonate.
- **Dimensions (L x W x D):** 52 x 23 x 5mm.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



- **Metal.**
- **Sealed.**
- **Resistant.**
- **Key fob.**
- **Optional:** Engraving.
- **Material:** Metal & polycarbonate.
- **Dimensions (L x W x D):** 60 x 30 x 7mm.

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F010800033	METAL	METAL 125 KHZ MIFARE® TAG + KEY FOB - DIGITAG®
F010800034	METALSPLASER1F	CUSTOMIZABLE ENGRAVING FOR METAL TAG
F010800006	BV	ISO CARD - MIFARE® 13.56 MHZ
F010600012	BMB	POLYCARBONATE TAG - MIFARE® 13.56 MHZ
F010400011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F010400029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

RF Transmitter + Proximity or Mifare®

ER - ERP - ERV



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



RoHS

WEEE

-10°C to +55°C

Certified FCC CFR 47 Part 15 compliant

R&TTE Certification

CE certification

- **Technologies:**
 - RF (ER),
 - RF + Proximity (ERP),
 - RF + Mifare® (ERV).
- **Frequencies:**
 - RF = 433.92 MHz (ER - ERP - ERV),
 - Proximity = 125 kHz (ERP),
 - Mifare® = 13.56 MHz (ERV).
- **4 channels.**
 - Dimensions (L x W x D): 72 x 42 x 13mm.
 - Transmission: 100m with open field.
 - Weight: 12g.
 - Consumption: 15mA.
 - Input voltage: 3V cell (type CR 2032).

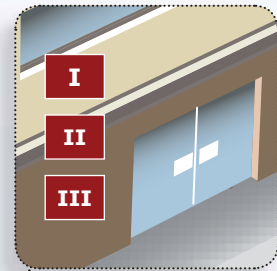
CODE	REFERENCE	DESCRIPTION
F010400030	ER	4-CHANNEL RF TRANSMITTER
F010400031	ERP	4-CHANNEL RF TRANSMITTER + PROXIMITY 125 KHZ
F010400032	ERV	4-CHANNEL RF TRANSMITTER + MIFARE® 13.56 MHZ

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL

DGM4D 4-DOOR MIFARE® CONTROLLER**FREE SOFTWARE**

- **Compliant with Mifare® (system compatible with all Mifare® tag brands).**
- **Tag programming without connecting to the controller on site.**
- **Event history stored on the controllers.**
- **Standalone system (no PC connection required).**
- **Up to 5 networkable controllers (total 20 doors)**
- **Duplex RS485 bus.**
- **Capability to reprogram same tag.**
- **All the access information is stored on the tag.**
- **Event history is retrievable from the controllers with the handheld terminal.**
- **Snap-off terminal blocks.**
- **Customisable access level.**
- **Global anti-passback.**
- **80 master tags (240 doors per master tag).**
- **Duplex communication between the controllers.**



Example:



Multi-entry occupancy



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



DGM4D MIFARE® CENTROLLER

DGM4D CREATE YOUR SYSTEM TO ORDER

▶ IN 3 STEPS

I ▶ CORE SYSTEM



Mifare® Solution

DGM4D controller manages up to 20 doors and 20.000 residents.

▶ P. 66

II ▶ TAGS, CARDS AND TRANSMITTERS



Badges, cards and transmitters

CDVI has a range of complementary remote transmitters, tags and cards that complement this Mifare® controller.

▶ P. 67

III ▶ DOOR COMPONENTS



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

▶ P. 268



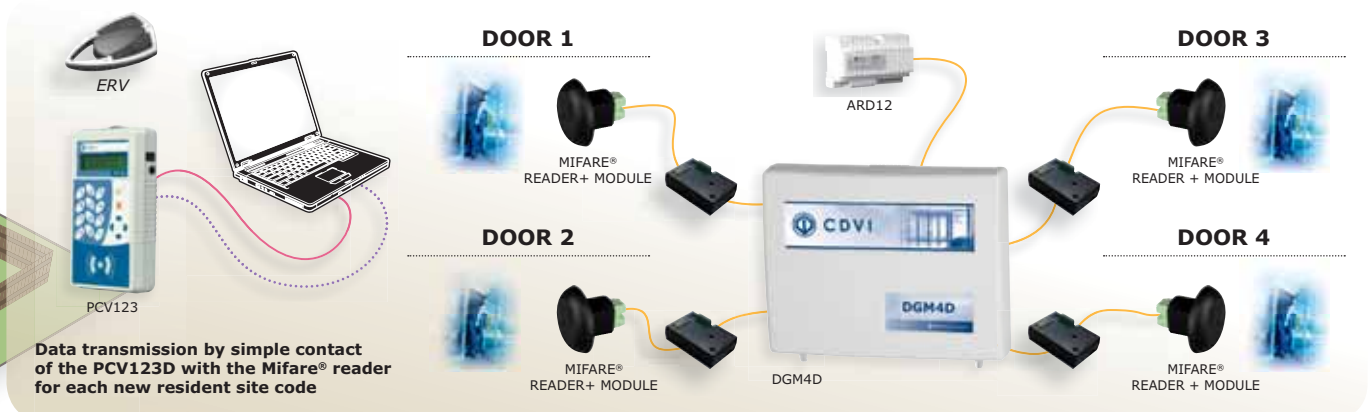
Locking devices/Accessories

Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

▶ P. 212

DGM4D 4-DOOR MIFARE® CONTROLLER

▶ INSTALLATION CONFIGURATION: FOR 4-DOORS



Data transmission by simple contact of the PCV123D with the Mifare® reader for each new resident site code

* Refer to Limited Lifetime Warranty Conditions.

USB standard cables
RS232

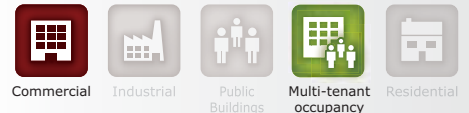
DGM4D MIFARE® CONTROLLER

► 4-DOORS

DGM4D 4-Door Mifare® Controller

The DGM4D (4-door) controllers are perfectly suitable for residential or multi-tenant occupancy facilities which require simple access control. The DGM4D includes access levels, global anti-passback, event history and more.

The DGM4D access control system does not require to be online (connected to a PC). The configuration of the site is carried out with the handheld terminal and all the user information is programmed on the Mifare® card with a PC software.



DGM4D Controller

TDG4D Mifare® Reader

- **Compliant with Mifare® (system compatible with all Mifare® tag brands).**
- **Tag programming without connecting to the controller on site.**
- **Event history stored on the controllers.**
- **Standalone system (no PC connection required).**
- **Up to 5 networkable controllers (total 20 doors)**
- **Duplex RS485 bus.**
- **Capability to reprogram same tag.**
- **All the access information is stored on the tag.**
- **Event history is retrievable from the controllers with the handheld terminal.**
- **Snap-off terminal blocks.**
- **Customisable access level.**
- **Global anti-passback.**
- **80 master tags (240 doors/master tag).**
- **Duplex communication between the controllers.**
- **Compatible with DGM1D via PCV123D.**

OPTIONAL: BECAN PANEL

- Finish: Aluminium.
- Dimensions (L x W x D):
 - Box = 120 x 120 x 16mm.
 - flush = 90 x 90 x 45mm.



- Dimensions (L x W x D): 140 x 180 x 65mm.
- Reading/writing controller.
- 4-door management: 4 NO/NC relays, 4 exit push button inputs, up to 4 reading units.
- Management of 20,000 user tags
- User rights on the tag.
- 3000 events memorised.
- Anti-passback function.
- 1 NO/NC alarm output: door forced or left open.
- Automatic tag replacement.
- Input voltage: 12V ac/dc.
- Consumption: max. 500mA. (Readers + controller).

RoHS

WEEE

CE Certification

IP52

-20°C to +70°C

Recommended power supplies



ARD12

BS60

CODE	REFERENCE	DESCRIPTION
F010800029	DGM4D	4-DOOR MIFARE® CONTROLLER
F010800030	TDG4D	"MUSHROOM TYPE" MIFARE® CARD READER FOR DGM4D
F070100067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

* Refer to Limited Lifetime Warranty Conditions.



DGM4D MIFARE® CENTROLLER

DGM4D MIFARE® CARDS & TAGS / DUAL-TECHNOLOGY TRANSMITTER

► THE ACCESSORIES FOR YOUR SYSTEM

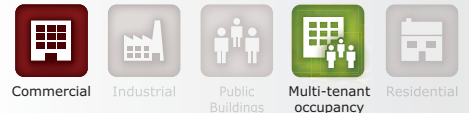
PCV123D Desktop and Handheld Mifare® terminal



FREE SOFTWARE

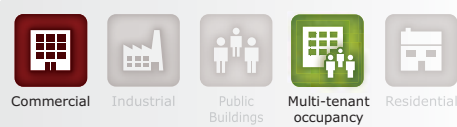
- **Unlimited number of resident tags**
- **Portable and standalone.**

- Dimensions (L x W x D): 180 x 100 x 40mm.
- Property management software.
- Simultaneous management of 15 sites.
- Functions:
 - Reading and programming, of user tags,
 - Centralisation of the administration and users on a PC.
- Delivered with:
 - Building administration software for DGM1D and DGM4D.
 - The tags are programmed on a PC or using the PCV123D.
 - The PCV123D can be loaded with information to allow direct download of data onto the reading unit of the DGM1D and DGM4D (saving time).
- Input voltage: mains or batteries (2 x LR6 not included).



CODE	REFERENCE	DESCRIPTION
F010800022	PCV123D	MIFARE® DESKTOP AND HANDHELD TERMINAL FOR DGM1D AND DGM4D

METAL - BV - PVP - ERV Mifare® card, tags & transmitter



- **Optional:** customisable printing or engraving (following model).

- **Dimensions (L x W x D):**
 - METAL = 60 x 30 x 7mm,
 - BV = 85 x 54 x 0,8mm,
 - PVP = 52 x 23 x 5mm,
 - ERV = 72 x 42 x 13mm.

MIFARE®



CODE	REFERENCE	DESCRIPTION
F010800033	METAL	METAL 125 KHZ MIFARE® TAG + KEY FOB - DIGITAG®
F010800034	METALSPLASER1F	CUSTOMISABLE ENGRAVING FOR METAL TAG
F010800006	BV	ISO CARD - MIFARE® 13.56 MHZ
F010800008	PVP	POLYCARBONATE TAG - MIFARE® 13.56 MHZ
F010400032	ERV	4-CHANNEL RF TRANSMITTER + MIFARE® 13.56 MHZ
F010400011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F010400029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

* Refer to Limited Lifetime Warranty Conditions.

ONLINE ACCESS CONTROL





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



STAND-ALONE ACCESS CONTROL

STAND-ALONE ACCESS CONTROL

1] COMPARISON TABLE P. 70

2] STAND-ALONE SYSTEMS WITH AUXILIARY READERS (PROXIMITY, RF, DIGICODE® KEYPAD)

SYSTEMS

- **UCA3** STAND-ALONE 3-DOOR CONTROLLER P. 72
- **PROMI1000 AND PROMI1000PC** 1-DOOR CONTROLLERS P. 76
- **PROMI500 AND DGPROX** STAND-ALONE 1-DOOR CONTROLLERS P. 80
- **DG502UP** STAND-ALONE 2-DOOR CONTROLLERS P. 84

AUXILIARY READERS P. 88

TAGS AND REMOTE TRANSMITTERS P. 92

3] STAND-ALONE SYSTEMS WITH MIFARE® AUXILIARY READERS



DGM1D STAND-ALONE 1-DOOR MIFARE® CONTROLLER P. 94

TAGS AND REMOTE TRANSMITTERS P. 97

* Refer to Limited Lifetime Warranty Conditions.

COMPARISON TABLE

► STAND-ALONE ACCESS CONTROL

	UCA3	PROMI1000 - PROMI1000PC
General features		
Number of users	800	1000
Number of accesses controlled	3	1
Audible and visual feedback	Visual feedback	Yes
Software	Yes	Yes
Languages	French / English	Multilingual
Anti-passback	-	Yes
Events	-	1000
Built-in reader	Proximity and RF	Proximity
Maximum number of readers	Up to 2 readers (+ on-board RF reader)	2 proximity readers (1 built-in + 1 external readers)
Date and time management	-	Yes
Bank holiday management	-	Yes
E2PROM memory backup	Yes	Yes
Number of relays	3	2 (1 alarm + 1 door)
Printer management	-	PROMI1000
Stand-alone programming	Yes	PROMI1000
Programming via PC (Windows 95, 98, 2000, XP, Vista)	Yes	PROMI1000PC
Mechanical properties		
Dimensions - L x W x D (in mm)	87 x 175 x 63	145 x 86 x 28
IP Rating	42	53
Materials	ABS	Polycarbonate
Colours	White	Black
Surface mount	Yes	Yes
Tamper switch	-	-
Door status switch	-	Yes
Electrical properties		
AC input voltages	12V	12V
DC input voltages	12V	12V
Consumptions (mA)**	500	300
Recommended environments		
		
	Page 72	Page 76

> CONTROLLERS OF THE STAND-ALONE ACCESS CONTROL SYSTEM RANGE



UCA3



PROMI1000 - PROMI1000PC



Commercial



Industrial



Public Buildings


















Multi-tenant occupancy



Residential



STAND-ALONE ACCESS CONTROL

PROMI500 - DGPROX	DG502UP	DGM1D
500	500	Unlimited
1	2	1
Yes	yes	Visual
-	-	-
-	-	-
-	-	-
Proximity	Proximity	Remote Mifare®
2 proximity readers (1 built-in + 1 external readers)	2 readers	1
-	-	-
-	-	-
Yes	Yes	Yes
2 (1 alarm + 1 door)	2 (1 alarm + 1 door)	1
-	-	-
Yes	Yes	Yes
-	-	Yes (PCV123D)
145 x 86 x 28 - 145 x 80 x 28	116 x 116 x 23	78 x 57 x 24 (Reader Ø44 x 41)
53	53	52
Polycarbonate	Plastic	Polycarbonate
Black	White	Black
Yes	Yes	Yes (flush mount reader)
Yes	Yes	-
Yes	-	-
12V	12V	12V
12V	12V	12V
250	200	300
    	    	    
Page 80	Page 84	Page 94

STAND-ALONE ACCESS CONTROL

* Refer to Limited Lifetime Warranty Conditions.



PROMI500 - DGPROX



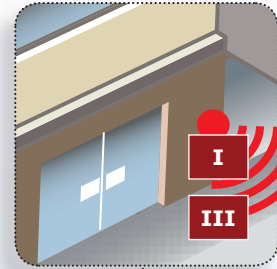
DG502UP



DGM1D

UCA3 STAND-ALONE CONTROLLER 3-DOORS**FREE SOFTWARE**

- Programming via the front panel or PC.
- Multitechnologies® standalone controller.
- 800 users.
- 3 relays.
- Visual feedback (LED).
- Built-in 2-channel RF receiver.
- Built-in terminal enrolment unit with proximity card reader.
- DIN RAIL mounting.
- Up to 2 auxiliary readers (+ 1 built-in RF receiver)

**Example:**Multi-tenant
occupancy



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



STAND-ALONE ACCESS CONTROL

UCA3 CREATE YOUR SYSTEM TO ORDER

▶ IN 3 STEPS

I ▶ CORE SYSTEM



Controller

The UCA3 controller is the core of your access control system. Every controller is delivered with free software.

▶ P. 75



II ▶ REMOTE READERS



Readers

CDVI has a range of readers (proximity, Mifare®, Digicode® and biometric) that are suitable for all types of configurations.

▶ P. 88



III ▶ DOOR COMPONENTS



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

▶ P. 268



Tags, cards and remote transmitters

CDVI has a range of complementary remote transmitters, tags and cards that complement the Multitechnologies® readers (proximity, RF, Mifare® and biometric).

▶ P. 92



Locking devices / Installation Accessories

Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

▶ P. 212

* Refer to Limited Lifetime Warranty Conditions.

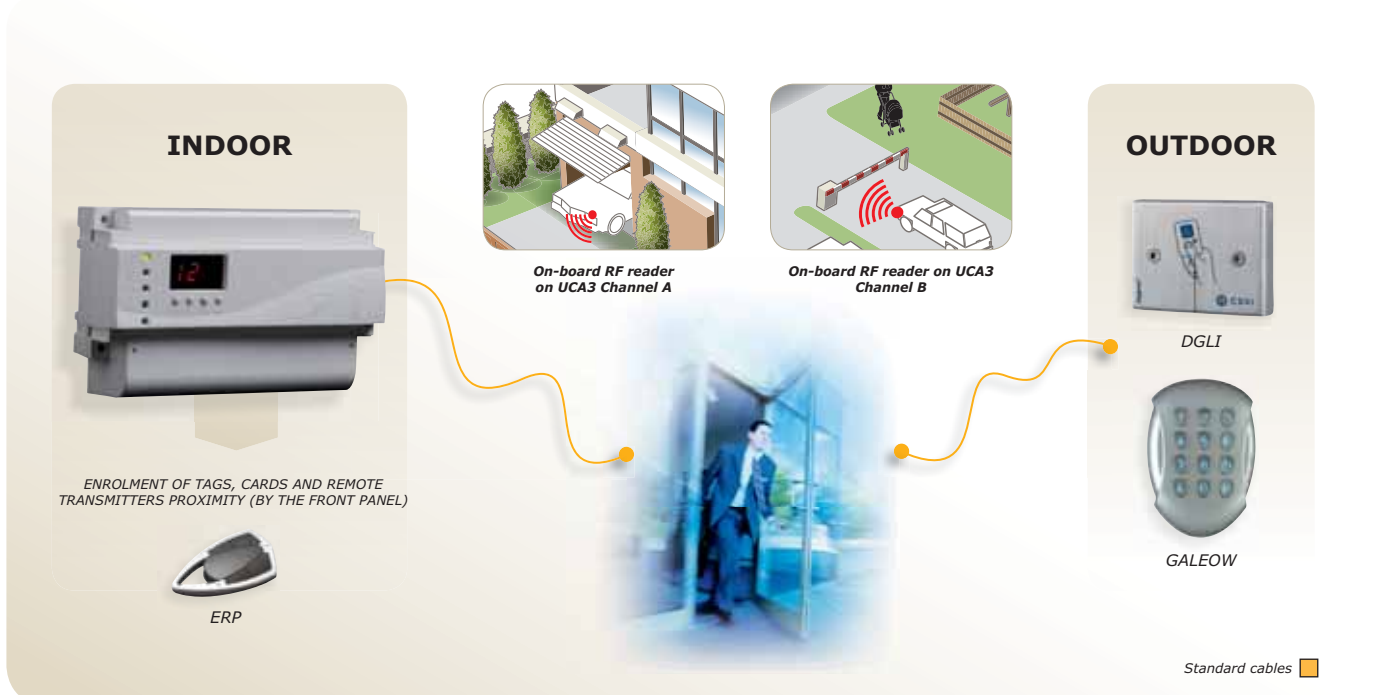
UCA3 CUSTOMISE YOUR SYSTEM

► SYSTEM BLOCK DIAGRAM



UCA3 INSTALLATION CONFIGURATION

► SYSTEM BLOCK DIAGRAM



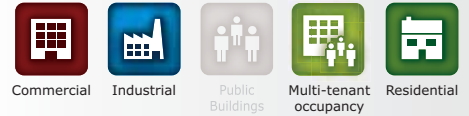
* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE
ACCESS CONTROL

UCA3 CONTROLLER

▶ 3-DOOR CONTROLLER



ERP

Proximity + RF remote transmitter
(Voir page 82)

3 CHANNEL SET-UP

2 RF Channels (on-board)
+ 1 input dedicated to an auxiliary
proximity reader.

Or

1 RF Channels (on-board)
+ 2 inputs dedicated
to 2 auxiliary readers.

FREE SOFTWARE

- Programming via the front panel or via PC.
- Multitechnologies® standalone controller.
- 800 users.
- 3 relays.
- Visual feedback (LED).
- Built-in 2-channel RF receiver.
- Built-in terminal enrolment unit with proximity card reader.
- DIN Rail mount.

- Dimensions (L x W x D): 87 x 175 x 63mm.
- Presentation to front panel: 3 displays 7 segments.
- The controller includes:
 - One 433 MHz two-channel RF receiver,
 - 1 terminal enrolment unit with proximity card reader.
- 3 relays 1 RT 8A/250 V.
- Option of establishing an access hierarchy on the three relays of the controller.
- Copying the memory from controller to controller.
- 2 indoor exit push buttons.
- Relay with timer from 1 to 99 seconds or bistable mode.
- USB connection for the PC.
- Real-time events,
- DIN RAIL modular box.
- Input voltage: 12V ac/dc.
- Consumption: 500mA with 3 relays.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

Recommended power supplies



R&TTE certification



WEEE



CE certification



IP42



-20°C to +60°C

CODE	REFERENCE	DESCRIPTION
F0101000019	UCA3	STAND-ALONE CONTROLLER - 3 DOORS - SOFTWARE INCLUDED
F0102000014	BMU	PC CONNECTION MODULE

* Refer to Limited Lifetime Warranty Conditions.

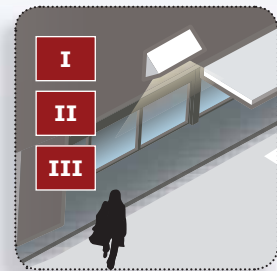
PROMI1000 - PROMI1000PC

STAND-ALONE CONTROLLER 1-DOOR

FREE SOFTWARE

**

- 1000 events stored in memory buffer.
- Schedule for operating modes.
- 1000 proximity tags and 1000 user codes.
- Bank holiday management (up to 16 dates).
- Real-time event printing (PROMI1000).
- Anti-passback.
- Optional: PC connection PROMI1000PC.
- Tamper switch.
- 3 operating modes:
 - Card + PIN (double security),
 - Card only,
 - Card or PIN.
- Audible and visual feedback (buzzer & LED).



Example:



Commercial

* Refer to Limited Lifetime Warranty Conditions.
 ** PROMI1000PC.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



STAND-ALONE ACCESS CONTROL

PROMI1000 - PROMI1000PC CREATE YOUR SYSTEM TO ORDER

▶ IN 3 STEPS

I

▶ CORE SYSTEM



Controller

The PROMI1000 controller is a standalone 1-door controller, equipped with double "Digicode®" + "Proximity" technology. It can also be managed via a PC (PROMI1000PC).

▶ P. 79



BTCPIP

RS232 IP module.

▶ P. 79



II

▶ REMOTE READERS



Readers

CDVI provides auxiliary proximity readers (DGLP, DGLPFN, DGLI and DGLIF, DGLP60, DIGITAGLR and GALEOW) to optimise the installation of your PROMI1000 and PROMI1000PC controllers.

▶ P. 88



III

▶ DOOR COMPONENTS



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

▶ P. 268



Tags, cards and remote transmitters

CDVI has a range of complementary remote transmitters, tags and cards that complement the proximity readers.

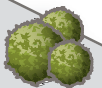
▶ P. 92



Locking devices/Accessories

Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks®).

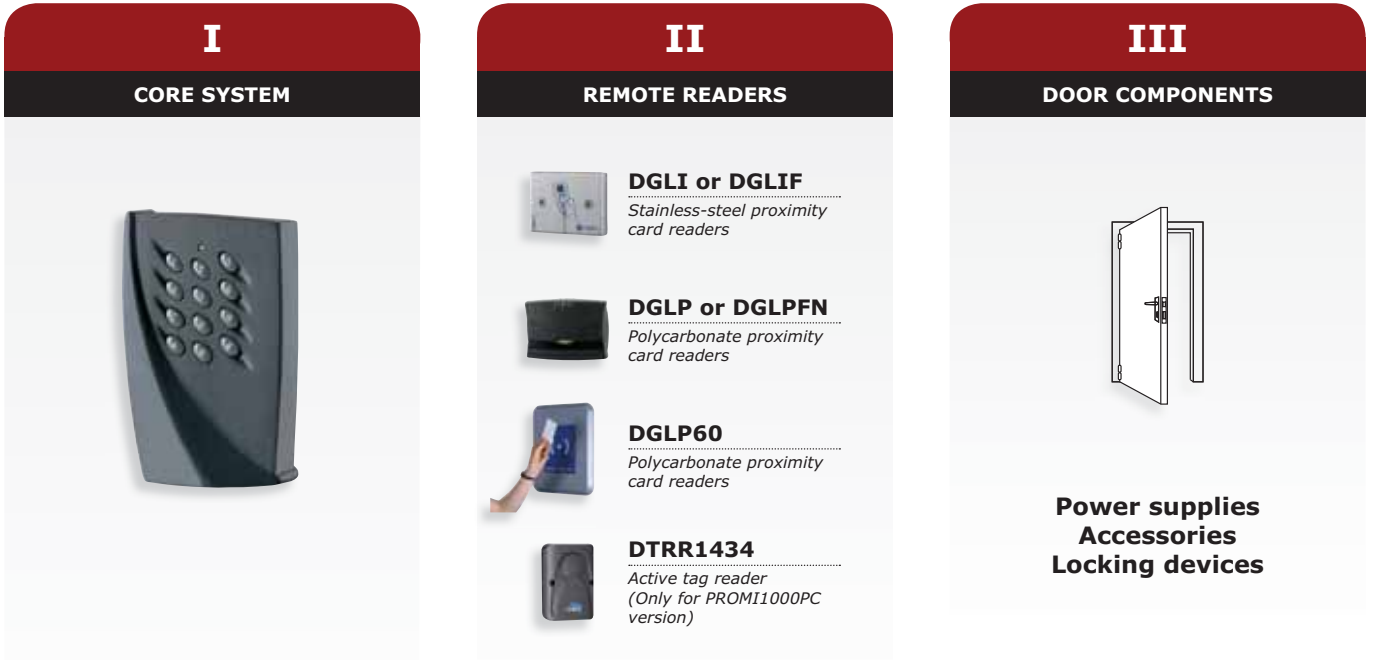
▶ P. 212



* Refer to Limited Lifetime Warranty Conditions.

PROMI1000 - PROMI1000PC CUSTOMISE YOUR SYSTEM

► SYSTEM BLOCK DIAGRAM



PROMI1000 - PROMI1000PC INSTALLATION CONFIGURATION

► SYSTEM BLOCK DIAGRAM



* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE
ACCESS CONTROL

PROMI1000 - PROMI1000PC ONE-DOOR CONTROLLER - LAN NETWORK (LOCAL IP)

▶ STAND-ALONE 1-DOOR CONTROLLER



FREE SOFTWARE **

- **On-board keypad and reader.**
 - **IP connection with BTCPIP (Optional).**
 - **2 relays.**
 - **Self-contained electronics.**
 - **1000 events stored in memory buffer.**
 - **Schedule for operating mode (Card, Card & PIN, Card/PIN).**
 - **1000 proximity tags and 1000 user codes.**
 - **Bank holiday management (up to 16 dates).**
 - **Real-time event printing (PROMI1000).**
 - **Anti-passback.**
 - **PC connection (PROMI1000PC).**
 - **Tamper switch.**
 - **3 operating modes:**
 - Card + PIN (double security),
 - Card only,
 - Card or PIN.
 - **Audible and visual feedback.**
-
- Dimensions (L x W x D): 145 x 80 x 28mm.
 - Date and time backed up by 3 V CR1225 button cell.
 - Bank holiday management (up to 16 dates).
 - Date and time management.
 - Snap-off E2PROM memory unit containing the tags, codes and events.
 - Stream-line printing of events, configuration and the complete list of tags and codes (PROMI1000).
 - An auxiliary reader can be installed remotely up to 50m.
 - 1 input: exit push button + 1 input: alarm contact.
 - 1 opening relay with 1 RT 3A/125 V~ switch.
 - 1 alarm relay with 1 RT 3A/125 V~ switch.
 - Master code programmable on 5 digit code lengh.
 - A door status switch controls the alarm.
 - Input voltage: 12V ac/dc.
 - Consumption: 300mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

RoHS

WEEE

IP53

R&TTE Certification

CE Certification

-10°C to +70°C

Recommended power supplies

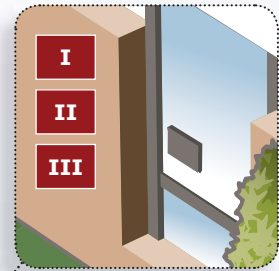


CODE	REFERENCE	DESCRIPTION
F0101000037	PROMI1000	STANDALONE CONTROLLER 1000 USERS
F0101000049	PROMI1000PC	STANDALONE CONTROLLER 1000 USERS + PC SOFTWARE (WINDOWS 95, 98, 2000, XP, VISTA)
F0109000014	BTCPIP	RS232 IP MODULE

* Refer to Limited Lifetime Warranty Conditions.
** PROMI1000PC.

PROMI500 - DGPROX 1-DOOR CONTROLLERS

- **1-Door controller + proximity card reader.**
- **500 proximity tags and 500 user codes.**
- **Tamper switch.**
- **3 operating modes:**
 - Card + PIN (double security),
 - Card only,
 - Card or PIN.
- **Audible and visual feedback (buzzer & LED).**



Example:



Residential



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



STAND-ALONE ACCESS CONTROL

PROMI500 - DGPROX CREATE YOUR SYSTEM TO ORDER

▶ IN 3 STEPS

I ▶ CORE SYSTEM



Controllers

The PROMI500 and DGPROX controllers are stand alone 1-door controllers, equipped with double "Digicode®" + "Proximity" technology.

▶ P. 83



II ▶ READERS



Readers

CDVI provides auxiliary proximity readers (DGLP, DGLP FN, DGLI and DGLIF, DGLP60, DIGITAG LR and GALEOW) to optimise the installation of your PROMI500 and DGPROX controllers.

▶ P. 88



III ▶ DOOR COMPONENTS



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

▶ P. 268



Tags, cards and remote transmitters

CDVI has a range of complementary remote transmitters, tags and cards that complement the proximity readers.

▶ P. 92



Locking devices/Accessories

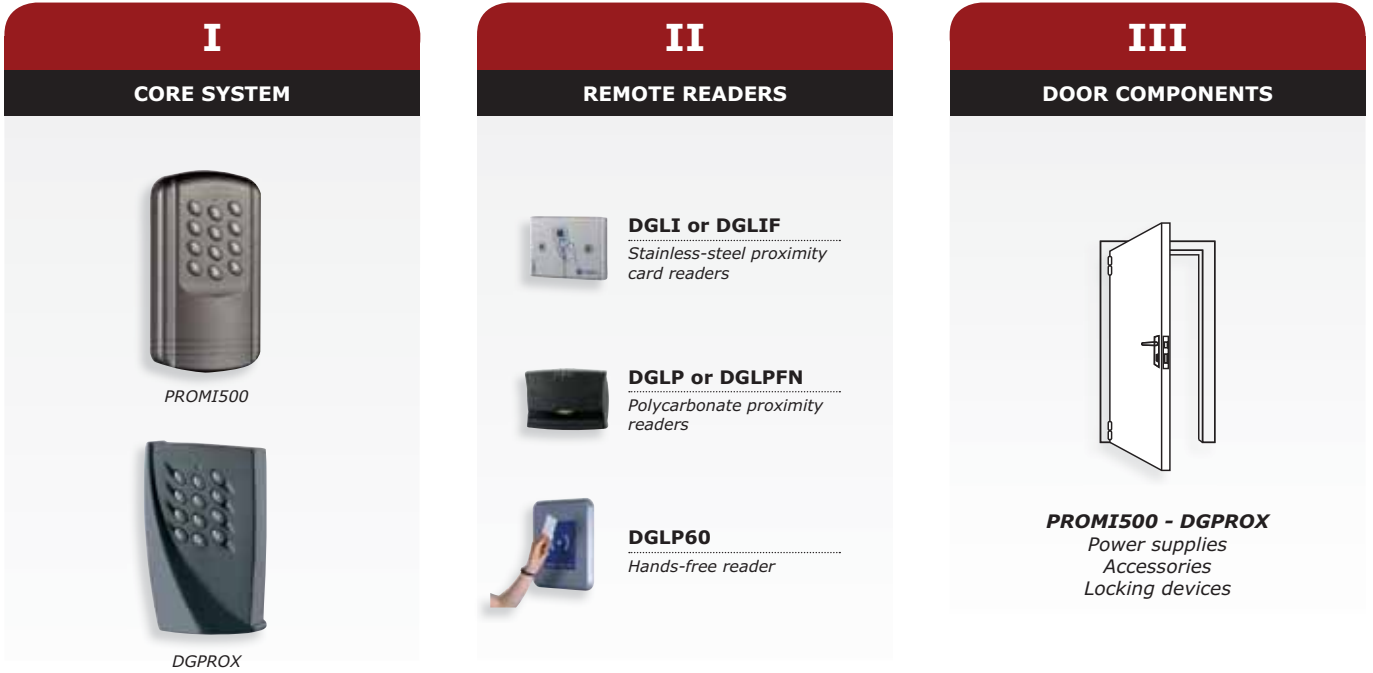
Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks®).

▶ P. 212

* Refer to Limited Lifetime Warranty Conditions.

PROMI500 - DGPROX CUSTOMISE YOUR SYSTEM

► SYSTEM BLOCK DIAGRAM



PROMI500 - DGPROX INSTALLATION CONFIGURATION

► SYSTEM BLOCK DIAGRAM



* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE
ACCESS CONTROL

PROMI500 - DGPROX STAND ALONE CONTROLLER READER

▶ 1-DOOR CONTROLLER + PROXIMITY CARD READER



PROMI500



DGPROX



- **1-door + Proximity card reader.**
- **2 relays outputs.**
- **500 proximity tags and 500 user codes.**
- **Self-contained electronics.**
- **Tamper switch.**
- **3 operating modes:**
 - Card + PIN (double security),
 - Card only,
 - Card or PIN.
- **Audible and visual feedback (buzzer & LED).**

- **Dimensions (L x W x D):**
 - PROMI500 = 145 x 80 x 28mm,
 - DGPROX = 145 x 86 x 25mm,
- **Material:**
 - PROMI500 = ABS,
 - DGPROX = polycarbonate.
- **12-key keypad + proximity reader.**
- **1 master code 5 digits.**
- **Output: 2 relays NO/NC contacts 3A/125V ac one of which is to open the door and one to report the alarm.**
- **Programmable relay output (1 to 99 seconds).**
- **Optional: 1 auxiliary reader remotely installed up to 50m.**
- **E2PROM memory.**
- **1 door contact input (open or closed).**
- **12V ac/dc power supply.**
- **Consumption: 250mA.**

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Compliant with applicable EMC standards: EN 50133, EN 50130-4.

RoHS

WEEE

IP53

R&TTE Certification

CE Certification

-10°C to +70°C

Certified FCC CFR 47 Part 15 compliant

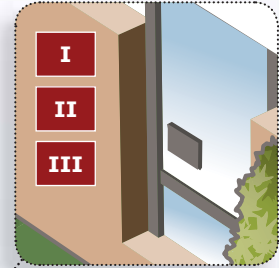


CODE	REFERENCE	DESCRIPTION
F010100009	PROMI500	PROXIMITY STANDALONE CONTROLLER 500 TAGS - 1 DOOR
F010100023	DGPROX	PROXIMITY STANDALONE CONTROLLER 500 TAGS - 1 DOOR

* Refer to Limited Lifetime Warranty Conditions.

DG502UP 2-DOOR CONTROLLERS

- Control up to two doors.
- 500 proximity tags.
- Tamper switch.
- Programming via the front panel.
- Audible and visual feedback (buzzer & LED).



Example:



Residential



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



STAND-ALONE ACCESS CONTROL

DG502UP CREATE YOUR SYSTEM TO ORDER

► IN 3 STEPS

I ► CORE SYSTEM



Controllers

The DG502 controllers are standalone 2-door controllers.

► P. 87



II ► READERS



Readers

CDVI provides auxiliary proximity readers (DGLP, DGLP FN, DGLI and DGLIF, DGLP60, DIGITAG LR and GALEOW) to optimise the installation of your DG502 controllers.

► P. 88



III ► DOOR COMPONENTS



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

► P. 268



Tags, cards and remote transmitters

CDVI has a range of complementary remote transmitters, tags and cards that complement the proximity readers.

► P. 92



Locking devices/Accessories

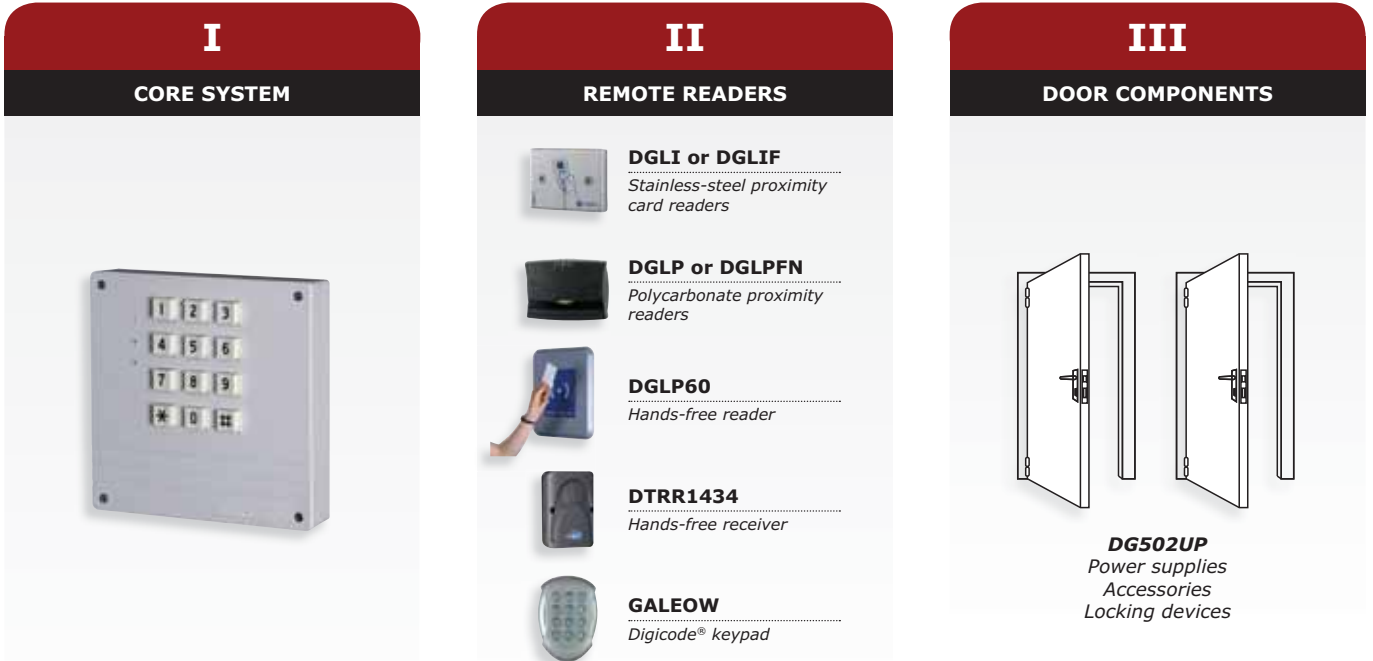
Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks®).

► P. 212

* Refer to Limited Lifetime Warranty Conditions.

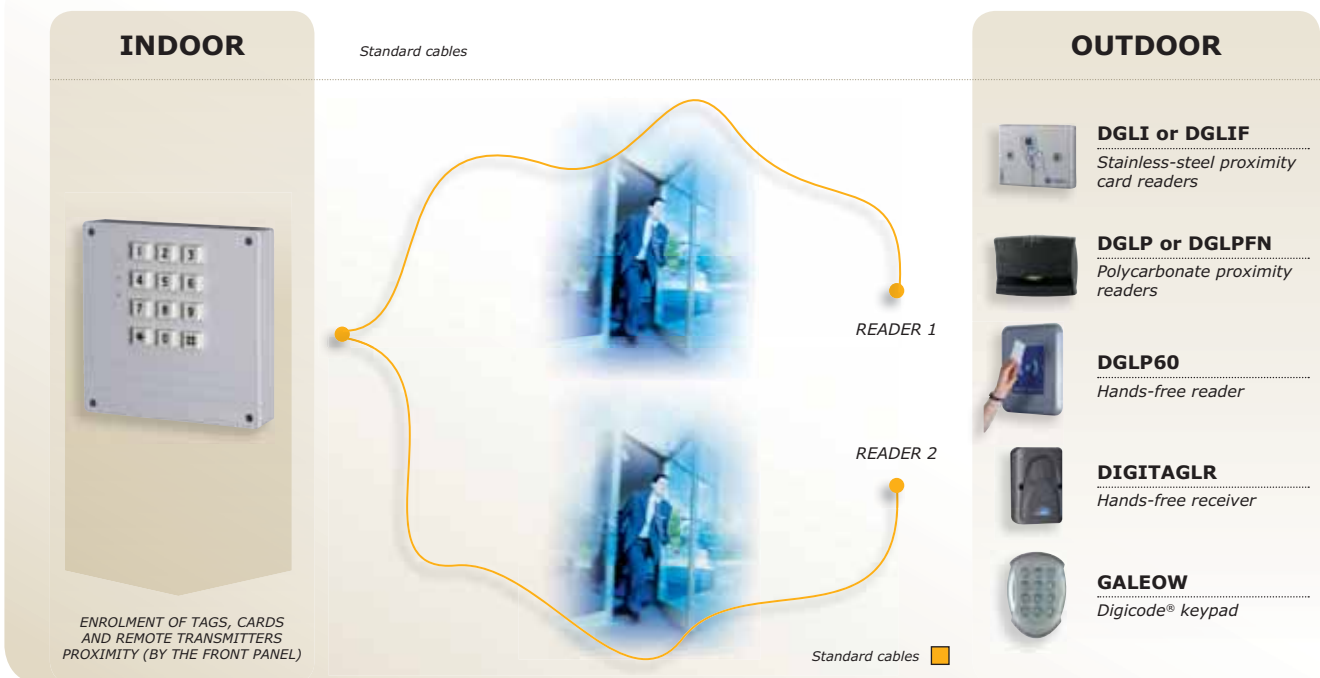
DG502UP CUSTOMISE YOUR SYSTEM

► SYSTEM BLOCK DIAGRAM



DG502UP INSTALLATION CONFIGURATION

► SYSTEM BLOCK DIAGRAM



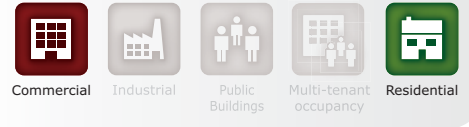
* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE
ACCESS CONTROL

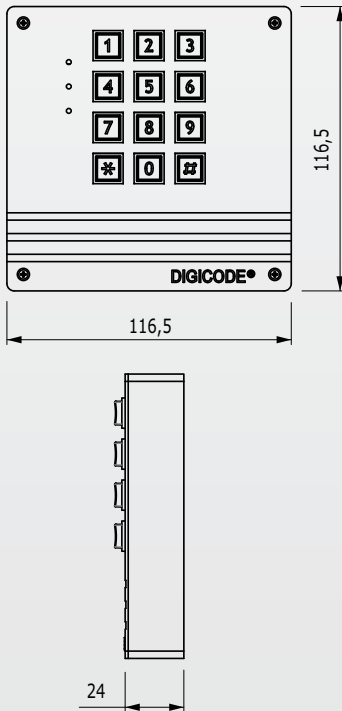
DG502UP STAND ALONE 2-DOOR CONTROLLERS

► FROM 1 TO 2 DOORS



- **2-Door controller.**
- **2 relay outputs.**
- **500 proximity tags.**
- **Self-contained electronics.**
- **Tamper switch.**
- **Audible and visual feedback (buzzer & LED).**

- Dimensions (L x W x D): 116 x 116 x 23mm.
- Material:
 - DG502U/A = Aluminium front panel and keys,
 - DG502U/P = Polycarbonate front panel and keys.
- 12-key keypad.
- 1 master code 5 digits.
- Output: 2 relays 1 RT 3A/125V ac.
- 1 tamper switch on the front panel.
- Programmable relay output (1 to 99 seconds).
- Optional: up to 2 remote readers.
- E2PROM permanent memory.
- 12V ac/dc power supply.
- Consumption: 200mA.



- RoHS
- WEEE
- IP53
- CE Certification
- 10°C to +70°C
- Certified FCC CFR 47 Part 15 compliant

Recommended power supplies

ARD12 BS60

CODE	REFERENCE	DESCRIPTION
F0101000046	DG502UP	STANDALONE 2-DOOR CONTROLLER - POLYCARBONATE

* Refer to Limited Lifetime Warranty Conditions.

STAND-ALONE ACCESS CONTROL PROXIMITY REMOTE READER

► MORE RELIABLE CONTROL OF YOUR ACCESS

DGLP - DGLPFN Polycarbonate proximity reader



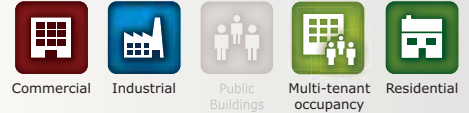
DGLP



DGLPFN



DFP



- **Direct connection to the controller.**
- **PCB sealed in epoxy.**
- **Audible and visual feedback.**

- DGLP (L x W x D): 103 x 81 x 23mm.
- DGLP FN (L x W x D): 139 x 41 x 23mm.
- Technology: 125 kHz.
- Multi card protocol reader.
- Surface mount (ideal on glass doors).
- The DFP double-sided adhesive sticker, placed on the rear of the DGLP allows reading of the tag when entering/exiting.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

RoHS

Environmental tests: vibrations

WEEE

R&TTE Certification

IP53

CE Certification

-30°C to +70°C

Certified FCC CFR 47 Part 15 compliant

CODE	REFERENCE	DESCRIPTION
F010100008	DGLP	BLACK POLYCARBONATE PROXIMITY CARD READER - DIGIPROX®
F0101000011	DGLPFN	BLACK POLYCARBONATE NARROW STYLE PROXIMITY CARD READER - DIGIPROX®
F0101000012	DFP	DOUBLE SIDED STICKER

* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE
ACCESS CONTROL

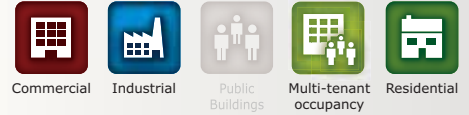
STAND-ALONE ACCESS CONTROL PROXIMITY REMOTE READER

► MORE RELIABLE CONTROL OF YOUR ACCESS

DGLI - DGLIF Stainless-steel proximity reader

INOX

H.R.V.
HIGH RESISTANCE
TO VANDALISM



DGLIWLC



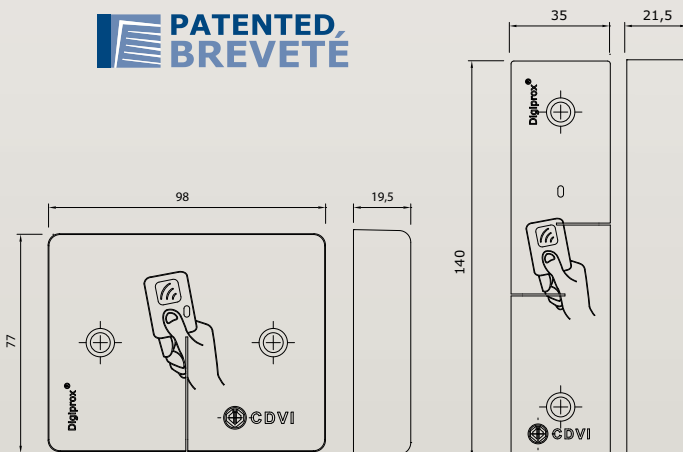
DGLIF WLC

- **Direct connection to the controller.**
- **PCB sealed in epoxy.**
- **Audible and visual feedback.**
- **Stainless steel.**

- DGLI (L x W x D): 97 x 76 x 20mm.
- DGLIF (L x W x D): 140 x 35 x 21.5mm.
- Technology: 125 kHz.
- Multi card protocol reader.
- Surface mount.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

PATENTED BREVETÉ



- RoHS
- Environmental tests: vibrations
- WEEE
- IP53
- CE Certification
- FCC Certified FCC CFR 47 Part 15 compliant
- R&TTE Certification
- 30°C to +70°C

CODE	REFERENCE	DESCRIPTION
F010100007	DGLI	STAINLESS-STEEL PROXIMITY CARD READER - DIGIPROX®
F010100021	DGLIF	STAINLESS-STEEL NARROW STYLE PROXIMITY CARD READER - DIGIPROX®

* Refer to Limited Lifetime Warranty Conditions.

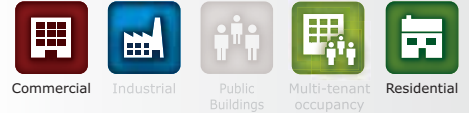
STAND-ALONE ACCESS CONTROL HANDS-FREE PROXIMITY REMOTE READER

► MORE RELIABLE CONTROL OF YOUR ACCESS

DGLP60 Hands-free proximity reader



- **Direct connection to the controller.**
- **Polycarbonate reader.**
- **Extra-flat.**
- **Surface mount.**
- **Reading distance from 30 to 60cm*.**



- Dimensions (L x W x D): 400 x 325 x 25mm.
- Reading distance: up to 30cm with tags (ref. PPC**) and up to 60cm with cards (ref. CPE**).
- Self-contained electronics.
- Audible and visual feedback.
- Input voltage: 12V dc.
- Consumption: 450mA.

** This performance level is for an environment free from any electromagnetic disruptions.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

RoHS

Environmental tests: vibrations

WEEE

IP53

CE Certification

R&TTE Certification

-20°C to +55°C

Recommended power supplies



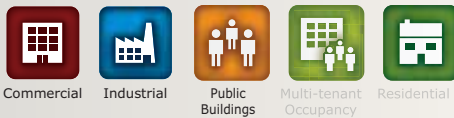
ARD12

BS60

CODE	REFERENCE	DESCRIPTION
F101000034	DGLP60	HANDS-FREE PROXIMITY READER

Illuminated weatherproof Digicode® Keypad

GALEOW



- **Output formats: Clock & data.**
- **Direct connection to controller.**
- **Backlit.**
- **Material: Cast aluminium.**
- **Audible and visual feedback.**
- **Surface mount.**
- **Compact and robust.**
- **Installation with Torx® screws**
- **Completely sealed (in epoxy).**

- Dimensions (L x W x D): 110 x 75 x 15mm.
- E2PROM permanent memory backup.
- Code length: 4, 5 or 6 digits.
- Input voltage: 12V dc.
- Consumption: max. 100mA.

RoHS

Environmental tests: vibration

WEEE

IP64

CE certification

-25°C to +70°C

H.R.V.
HIGH RESISTANCE
TO VANDALISM

Recommended power supplies



ARD12

BS60

CODE	REFERENCE	DESCRIPTION
F0201000062	GALEOW	CAST ALUMINIUM DIGICODE® KEYPAD

* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE
ACCESS CONTROL

STAND-ALONE ACCESS CONTROL LONG-RANGE READER

► MORE RELIABLE CONTROL OF YOUR ACCESS

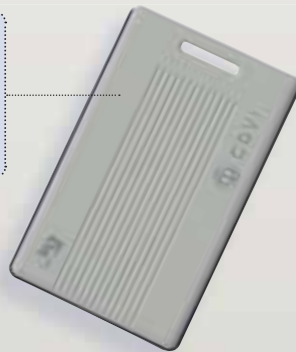
DTRR1434 Long range reader + active card



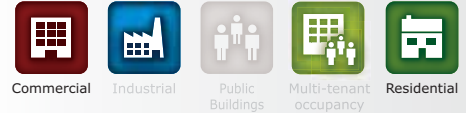
DTRR1434(R)
long-range Reader



The products of the Digiway range have been adapted to the new regulations on assistance for persons with reduced mobility.



DTXT5434(M)
Active card



DTRR1434 READER

- **Output formats:** Clock & data.
- **Direct connection to the controller.**
- **Adjustable range: Up to 15m.**
- **Simultaneous reading of 20 tags maximum.**
- **Frequency: 433.92 MHz.**
- **Built-in antenna.**
- **Audible and visual feedback.**
- **Available in stand-alone version: DTRR1434R (Digiway Chapter).**
- Dimensions (L x W x D): 90 x 60 x 22mm.
- Sensitivity: -102dBm.
- Input voltage: 12-30V dc.
- Consumption: 40mA.

DTXT5434 ACTIVE CARDS

- **Frequency:** 433.92 MHz.
- **Modulation:** FSK,
- **Replaceable CR2032 lithium battery.**
- **Motion sensor activation:** DTXT5434M, DTXT5434MP and DTXT5434MMI.
- **Dual-technologies:**
 - RF/Proximity (DTXT5434P, DTXT5434MP),
 - RF/Mifare® (DTXT5434MI, DTXT5434MMI).
- **Option:** card holder (CLIPDIGITAGLR).
- Dimensions (L x W x D): 86 x 54 x 7mm,
- Weight: 28 g,
- Effective radiated power: from 5µ W to 10µ W,
- Transmission with open field: from 1 to 18m,
- Battery lifetime: up to 2 years.

RoHS

WEEE

CE Certification

R&TTE Certification

-20°C to +70°C

FCC Certified FCC CFR 47 Part 15 compliant

CODE	REFERENCE	DESCRIPTION
F0103000087	DTRR1434	LONG-RANGE READER
F0103000105	DTXT5434M	LONG-RANGE ACTIVE TAG WITH MOTION SENSOR
F0103000106	DTXT5434	LONG-RANGE ACTIVE TAG
F0103000110	DTXT5434MP	LONG-RANGE ACTIVE TAG WITH MOTION SENSOR + PROXIMITY 125 KHZ
F0103000112	DTXT5434P	LONG-RANGE ACTIVE TAG + PROXIMITY 125 KHZ
F0103000111	DTXT5434MMI	LONG-RANGE ACTIVE TAG WITH MOTION SENSOR + MIFARE® 13,56 MHZ
F0103000113	DTXT5434MI	LONG-RANGE ACTIVE TAG + MIFARE® 13,56 MHZ
F0103000108	CLIPDIGITAGLR	ACTIVE TAG SUPPORT

* Refer to Limited Lifetime Warranty Conditions.

STAND-ALONE ACCESS CONTROL ENROLMENT UNIT /TRANSMITTER

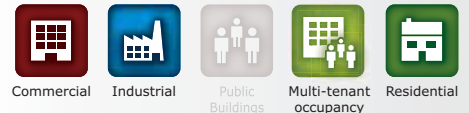
► THE ACCESSORIES FOR YOUR SYSTEM

CMPP Desktop enrolment unit



- **Enrolment unit for proximity cards, tags and remote transmitters.**
- **EM 125 kHz Proximity module included.**
- **Avoid entering tags and remote transmitter numbers manually.**
- **Plug-on RF module.**
- **USB Connection .**

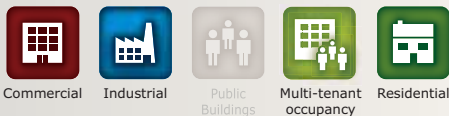
- Dimensions (L x W x D):
 - CMPP = 180 x 100 x 40mm,
 - MR = 60 x 28 x 20mm.
- Optional: RF module.
- The CMPP is a "take-on" reader to assist in programming and identifying cards and tags.



CODE	REFERENCE	DESCRIPTION
F0103000011	CMPP	DESKTOP ENROLMENT UNIT WITH PROXIMITY CARD MODULE
F0103000037	MR	433 MHZ RF MODULE

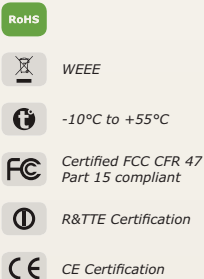
Dual-Technology RF + Proximity transmitter

ERP



- **Dual-technologies: RF + Proximity.**
- **Frequencies:**
 - RF = 433.92 MHz,
 - Proximity = 125 kHz.
- **4 channels.**

- Dimensions (L x W x D): 72 x 42 x 13mm.
- Transmission: 100m with open field.
- Weight: 12g.
- Consumption: 15mA.
- Input voltage: 3V cell (type CR 2032).



CODE	REFERENCE	DESCRIPTION
F0104000031	ERP	4-CHANNEL RF TRANSMITTER + PROXIMITY 125 KHZ

* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE
ACCESS CONTROL

STAND-ALONE ACCESS CONTROL PROXIMITY TAGS AND CARDS

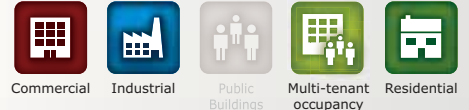
► THE ACCESSORIES FOR YOUR SYSTEM

METAL1 - PPCG - PPCB - PP - BP 125 kHz proximity tags

- **Polycarbonate.**
- **Key fob.**
- **Colour:** Grey (Available in blue - Ref PPCB).
- **Dimensions (L x W x D):** 42 x 28 x 5mm.



- **Leather.**
- **Key fob.**
- **Material:** Leather.
- **Dimensions (L x W x D):** Ø 45 mm.



- **Polycarbonate.**
- **Key fob.**
- **Material:** Polycarbonate.
- **Dimensions (L x W x D):** 52 x 23 x 5mm.

- **Metal.**
- **Sealed.**
- **Resistant.**
- **Key fob.**
- **Optional:** Engraving.

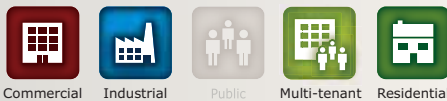


- **Material:** Metal & polycarbonate.
- **Dimensions (L x W x D):** 60 x 30 x 7mm.



CODE	REFERENCE	DESCRIPTION
F0104000041	METAL1	METAL 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®
F0104000045	METAL1LASER1F	CUSTOMISABLE ENGRAVING FOR METAL1 TAG
F0104000003	BP	LEATHER 125 KHZ PROXIMITY TAG WITH KEY FOB - DIGITAG®
F0104000004	PP	POLYCARBONATE 125 KHZ PROXIMITY TAG WITH KEY FOB - DIGITAG®
F0104000035	PPCG	GREY POLYCARBONATE 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®
F0104000025	PPCB	BLUE POLYCARBONATE 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®

125 kHz proximity cards **CP - CPE - CP2**



- **PVC.**
- **Key fob.**
- **Thickness:** 1,8mm.
- **Dimensions (L x W x D):** 85 x 54 x 10,8mm



- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customisable printing.
- **Dimensions (L x W x D):** 85 x 54 x 0,8mm



- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customisable printing.
- **Dimensions (L x W x D):** 85 x 54 x 0,8mm

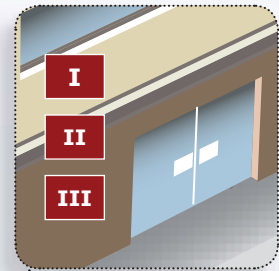


CODE	REFERENCE	DESCRIPTION
F0104000001	CP	ISO 0.8-MM 125 KHZ PROXIMITY CARD - DIGITAG®
F0104000002	CPE	1.8-MM THICK 125 KHZ PROXIMITY CARD - DIGITAG®
F0104000008	CP2	125 KHZ MAGNETIC PROXIMITY CARD - DIGITAG®
F0104000011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F0104000029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

* Refer to Limited Lifetime Warranty Conditions.

DGM1D 1-DOOR STAND-ALONE MIFARE® CONTROLLER

- **Compliant with Mifare®.**
- **Up to 100 doors on the same site:**
Capability to program 100 DGM1D from 1 to 100 + gate access.
- **Customisable access level when adding a tag:**
1 door + gate.
- **Easy to program:** add tag via PC, PCV123D or with the master card,
- **DGM1D configuration done with the PCV123D.**
- **Unlimited number of users.**
- **Low cost.**
- **Possibility of erasing the tags to reprogram them.**
- **Tag and master card deleted with the PCV123D.**
- **Snap-off terminal blocks.**



Example:

Multi-tenant
occupancy



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



STAND-ALONE ACCESS CONTROL

DGM1D CREATE YOUR SYSTEM TO ORDER

▶ IN 3 STEPS

I ▶ CORE SYSTEM



Mifare® Solution

DGM1 controller is a standalone controller which manages 1-door and an unlimited number of users.

▶ P. 96

II ▶ TAGS, CARDS AND TRANSMITTERS



Badges, cards and transmitters

CDVI has a range of complementary remote transmitters, tags and cards that complement this Mifare® controller.

▶ P. 97

III ▶ DOOR COMPONENTS



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

▶ P. 268



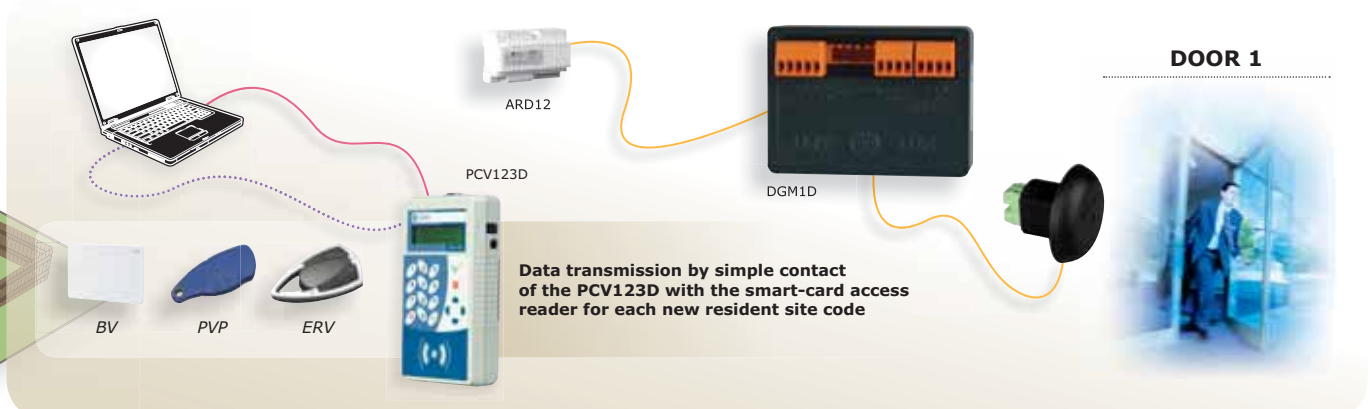
Locking devices/Accessories

Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

▶ P. 212

DGM1D 1-DOOR MIFARE® CONTROLLER

▶ INSTALLATION CONFIGURATION



* Refer to Limited Lifetime Warranty Conditions.

DGM1D 1-DOOR MIFARE® CONTROLLER

► 1-DOOR

DGM1D 1-Door Mifare® controller



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



DGM1D



MIFARE® READER

OPTIONAL: BECAN PANEL

- Finish: Aluminium.
- Dimensions (L x W x D):
 - Box = 120 x 120 x 16mm.
 - flush = 90 x 90 x 45mm.



Recommended power supplies



ARD12



BS60

RoHS



WEEE



CE Certification



IP52



-20°C to +70°C

- **Compliant with Mifare®.**
- **Up to 100 doors on the same site:**
Capability to program 100 DGM1D from 1 to 100 + gate access.
- **Customisable access level when adding a tag:**
1 door + gate.
- **Easy to program:** add tag via PC, PCV123D or with the master card,
- **DGM1D configuration done with the PCV123D.**
- **Unlimited number of users.**
- **Low cost.**
- **Possibility of erasing the tags to reprogram them.**
- **Tag and master card deleted with the PCV123D.**
- **Snap-off terminal blocks.**

- **Dimensions:**
 - DGM1D (L x W x D) = 78 x 57 x 24mm,
 - DGM1D reader (Ø x D) = Ø44 x 41mm.
- 1-door management: 1 NO/NC relay.
- 1 exit push button input.
- Unlimited number of users.
- Installation using SYT 1/10 screened wire from the reading unit up to 2m. Beyond that, up to 10 m, a coaxial wire 50 Ohms is recommended.
- Site code written in the tag when it is registered.
- "Blacklist" mode (allowing the deletion of lost or stolen tags).
- Works with the following products:
 - PVP (MIFARE® tag),
 - BV cards (ISO MIFARE® credit-card format)
 - METAL (MIFARE® tag),
 - ERV (RF & MIFARE® transmitter).
- Reader connection by terminal block.
- RS-232 connection.
- Input voltage: 12V ac/dc.
- Consumption: max. 300mA.

CODE	REFERENCE	DESCRIPTION
F010800024	DGM1D	1-DOOR MIFARE® CONTROLLER + MIFARE® READER
F010800018	CDGM1	CABLE FOR CONNECTION BETWEEN PCV123D AND DGM1D OR DGM1
F010900016	INTWDGM1	INTERFACE BUS WIEGAND POUR DGM1 OU DGM1D
F070100067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE ACCESS CONTROL

DGM1D ACCESSORIES

► THE ACCESSORIES FOR YOUR SYSTEM

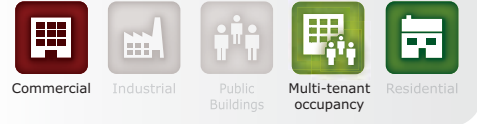
PCV123D Mifare® programmer



FREE SOFTWARE

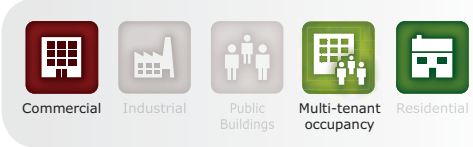
- **Unlimited number of resident tags**
- **Portable and standalone.**

- Dimensions (L x W x D): 180 x 100 x 40mm.
- Property management software.
- Simultaneous management of 15 sites.
- Functions:
 - Reading and programming, of user tags,
 - Centralisation of the administration and users on a PC.
- Delivered with:
 - Building administration software for DGM1D and DGM4D.
 - The tags are programmed on a PC or using the PCV123D.
 - The PCV123D can be loaded with information to allow direct download of data onto the reading unit of the DGM1D and DGM4D (saving time).
- Input voltage: mains or batteries (2 x LR6 not included).



CODE	REFERENCE	DESCRIPTION
F010800022	PCV123D	MIFARE® PROGRAMMER FOR DGM1D AND DGM4D

METAL - BV - PVP - ERV Mifare® card, tags & transmitter



- **Optional:** customisable printing or engraving (following model).
- **Dimensions (L x W x D):**
 - METAL = 60 x 30 x 7mm,
 - BV = 85 x 54 x 0,8mm,
 - PVP = 52 x 23 x 5mm,
 - ERV = 72 x 42 x 13mm.

MIFARE®



CODE	REFERENCE	DESCRIPTION
F010800033	METAL	METAL 125 KHZ MIFARE® TAG + KEY FOB - DIGITAG®
F010800034	METALSPLASER1F	CUSTOMISABLE ENGRAVING FOR METAL TAG
F010800006	BV	ISO CARD - MIFARE® 13.56 MHZ
F010800008	PVP	POLYCARBONATE TAG - MIFARE® 13.56 MHZ
F010400032	ERV	4-CHANNEL RF TRANSMITTER + MIFARE® 13.56 MHZ
F010400011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F010400029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

* Refer to Limited Lifetime Warranty Conditions.

 Bergdata
Biometrics

BIOMETRIC DEVICES





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



1] BIOMETRIC SYSTEM + MIFARE®

- **CABAPROX** READER WITH DOUBLE BIOMETRICS/MIFARE® TECHNOLOGY P. 100
- **PCMB** MIFARE® TAG PROGRAMMER P. 104
- **USBSCANNER** USB ENROLMENT UNIT P. 105
- **MIFARE® TAGS & CARD** P. 105

2] BIOMETRIC SYSTEM

- **DGID** STAND ALONE FINGERPRINT READER P. 106
- **USBSCANNER** USB ENROLMENT UNIT P. 109

* Refer to Limited Lifetime Warranty Conditions.

 Bergdata
Biometrics

CABAPROX BIOMETRIC/MIFARE® DUAL TECHNOLOGY SYSTEM

- Unlimited number of fingerprints.
- Standalone system equipped with double technology:
Mifare® + Biometrics.
- Self-cleaning sensor.
- Swipe finger method (No latent fingerprint left on the reader).
- Body temperature detection.
- Fingerprint templates encrypted in the tag.

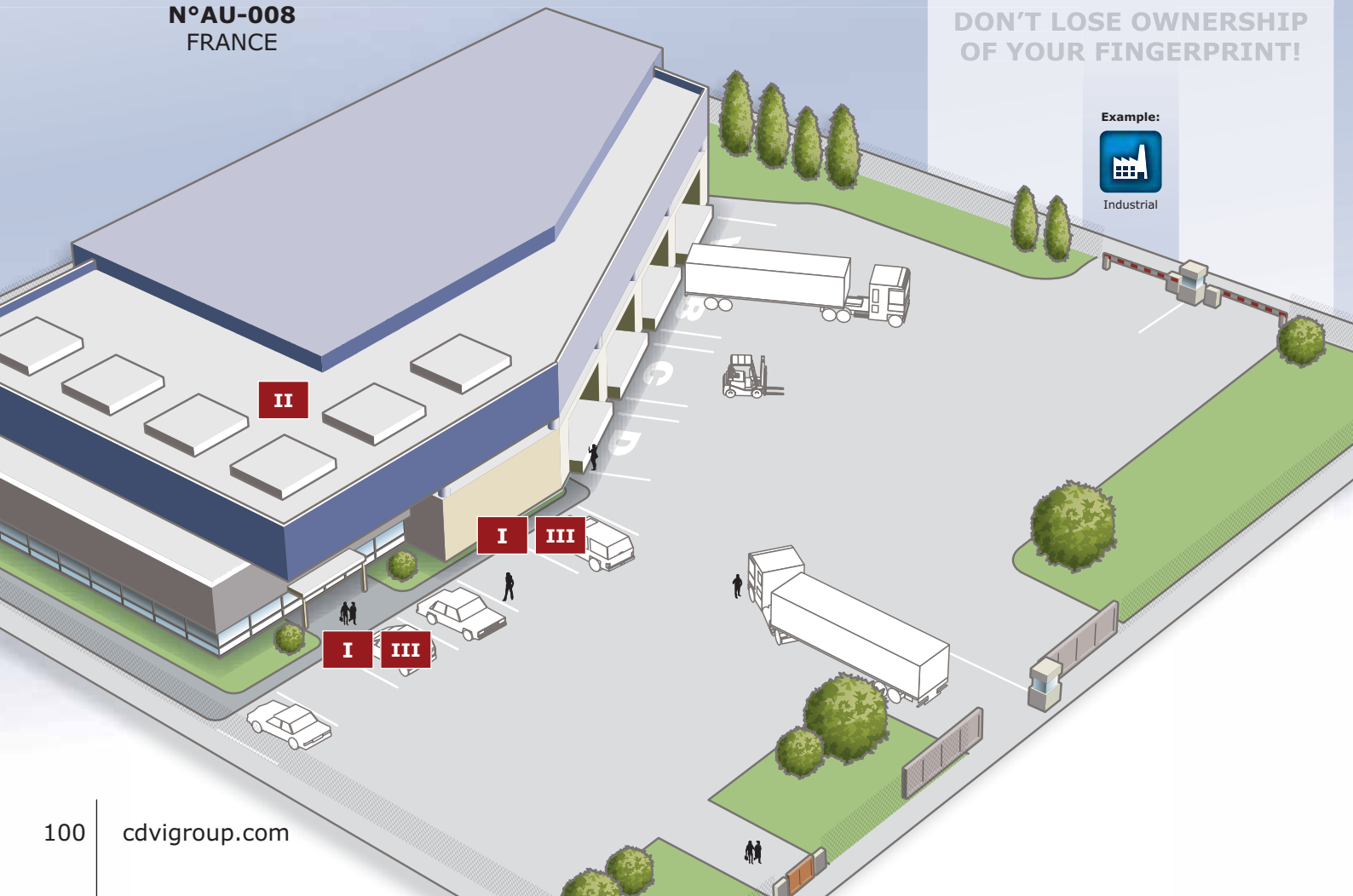


CNIL
UNIQUE AUTHORISATION
N°AU-008
FRANCE

DON'T LOSE OWNERSHIP
OF YOUR FINGERPRINT!

Example:

Industrial





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



▶ IN 3 STEPS

I ▶ CORE SYSTEM



Cabaprox

A fingerprint reader combining biometric and Mifare technology.

▶ P. 103



II ▶ SUPPLEMENTARY MODULES



PCMB + software

The software and the PCMB are essential for managing and programming the tags.

▶ P. 104



USBSCANNER

The USBSCANNER is a fingerprint enrolment unit which makes it possible to select the fingerprint of your choice before programming the tag.

▶ P. 105



III ▶ DOOR COMPONENTS



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

▶ P. 268



Tags, cards and remote transmitters

CDVI has a range of complementary remote transmitters, tags and cards.

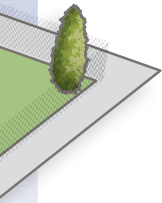
▶ P. 105



Locking devices/Accessories

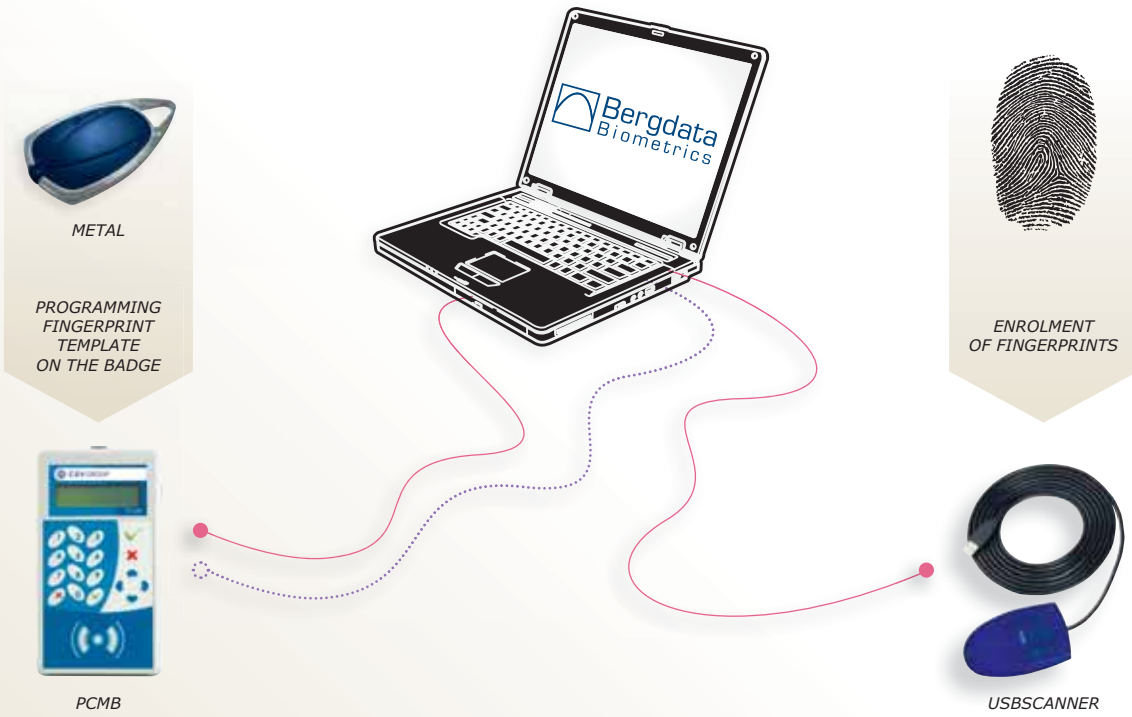
Wide range of locking systems and accessories that can optimise the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

▶ P. 212



* Refer to Limited Lifetime Warranty Conditions.

► INSTALLATION CONFIGURATION



UNLIMITED NUMBER OF USERS

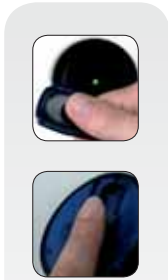


USB 
RS232 

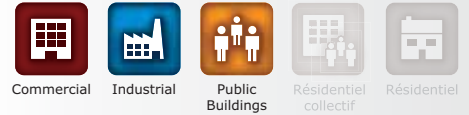
* Refer to Limited Lifetime Warranty Conditions.



CABAPROX Biometric/Mifare® Dual-technology reader



**Don't lose ownership...
...of your fingerprint!**

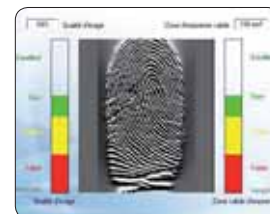


CDVI BIO-ENGINE INSIDE

- **16 addressable readers:** addressable from 1 to 16.
- **Unlimited number of fingerprints.**
- **Self-cleaning sensor.**
- **Swipe finger method.**
- **Resolution 500 dpi (Standard FBI).**
- **Audible and visual feedback.**
- **Encrypted communication with the PC.**
- **Available in online version (Wiegand): CABAPROXW.**

- Dimensions (L x W x D): 200 x 120 x 61mm.
- Flush mount dimensions (L x W x D): 170 x 95 x 45mm.
- Dimensions of the surface mount housing (L x W x D): 126.5 x 211 x 70mm.
- Biometric and Mifare® readers.
- Open collector outputs (Clock, Data 0 and Data 1).
- 1 relay: 1 form C dry contact.
- 1 tamper switch on the front panel.
- Fingerprints encrypted and stored on the card or tag.
- Input voltage: 12V dc.
- Consumption: 450mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Compliant with applicable EMC standards: EN 50133, EN 50130-4.



Biometric systems in France must comply with the texts of the CNIL regulations (www.cnil.fr)

- RoHS
- WEEE
- CE Certification
- IP53
- R&TTE Certification
- 10°C to +70°C

Recommended power supplies

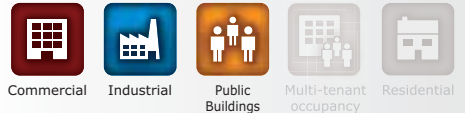
ARD12 BS60



CODE	REFERENCE	DESCRIPTION
F010600009	CABAPROX	FINGERPRINT READER + TAG
F0701000060	CONV232USB	CONV232 - USB BIDIRECTIONAL INTERFACE CONVERSION
F0203000071	CA1C	SURFACE MOUNT HOUSING FOR CABAPROX - BERGDATA®

* Refer to Limited Lifetime Warranty Conditions.

PCMB Mifare® tag programmer for Cabaprox



Biometric systems in France must comply with the texts of the CNIL (www.cnil.fr)



FREE SOFTWARE

- **Hand-held terminal connectable to a PC.**
- **Compatible with all Mifare® CDVI tags.**
- **Multi-site.**
- **Fingerprint programmer.**
- **User and administrator management.**
- **Master badges management.**

- Comes with a USB SCANNER.
- The box of the PCMB consists of:
 - 10 digit keys for selecting a menu or selecting a numerical value,
 - 6 function keys for moving around within the menus or entering data, or confirming or cancelling an entry.
- LCD display.
- A cable for connecting to the PC (USB option = CONV232USB)
- A Mifare® reader.



- RoHS
- WEEE
- CE Certification
- IP52
- 10°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0106000011	PCMB	MIFARE® TAG PROGRAMMER FOR CABAPROX

* Refer to Limited Lifetime Warranty Conditions.

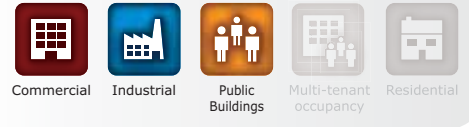


Bergdata Biometrics CABAPROX SYSTEM

► DESKTOP FINGERPRINT UNIT

USBSCANNER Fingerprint enrolment unit

Biometric systems in France must comply with the texts of the CNIL regulations (www.cnil.fr)



■ **High fingerprint quality.**

- Self-cleaning sensor.
- Automatic finger detection.
- Drivers for Microsoft Windows 2000, XP and Vista.
- Encrypted connection with PC.

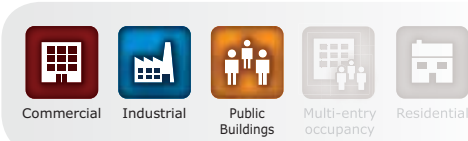
Also available: 2 development kits for Windows (Ref.: FP-SDK-HDW-FC) and for Linux (Ref.: FP-SDK-HDX-FC).

- RoHS
- WEEE
- CE Certification
- 30°C to +70°C

CODE	REFERENCE	DESCRIPTION
F010600006	USBSCANNER	FINGERPRINT ENROLMENT UNIT - USB

Mifare® card and tags, 13.56 MHz

METAL - BV - BMB - ERV



■ **Optional:** customisable printing or engraving (following model).

- **Dimensions (L x W x D):**
- METAL = 60 x 30 x 7mm,
- BV = 85 x 54 x 0,8mm,
- BMB = 52 x 23 x 5mm,
- ERV = 72 x 42 x 13mm.

MIFARE®



- RoHS
- WEEE
- CE Certification

CODE	REFERENCE	DESCRIPTION
F0108000033	METAL	METAL 125 KHZ MIFARE® TAG + KEY FOB - DIGITAG®
F0108000034	METALSPLASER1F	CUSTOMISABLE ENGRAVING FOR METAL TAG
F0108000006	BV	ISO CARD - MIFARE® 13.56 MHZ
F0106000012	BMB	POLYCARBONATE TAG - MIFARE® 13.56 MHZ
F0104000032	ERV	4-CHANNEL RF TRANSMITTER + MIFARE® 13.56 MHZ
F0104000011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F0104000029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

* Refer to Limited Lifetime Warranty Conditions.

Bergdata Biometrics

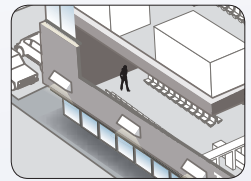
DGID BIOMETRIC SYSTEM

FREE SOFTWARE

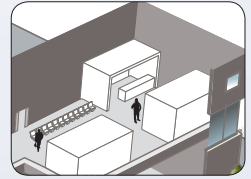
- Store up to 400 fingerprints.
- Self-cleaning sensor.
- Swipe finger method.
- Auto-detect finger.
- Can recognise one or several fingers per user.
- Operates on a PC platform.

*Biometric systems
in France must comply
with the texts of the CNIL
regulations (www.cnil.fr)*

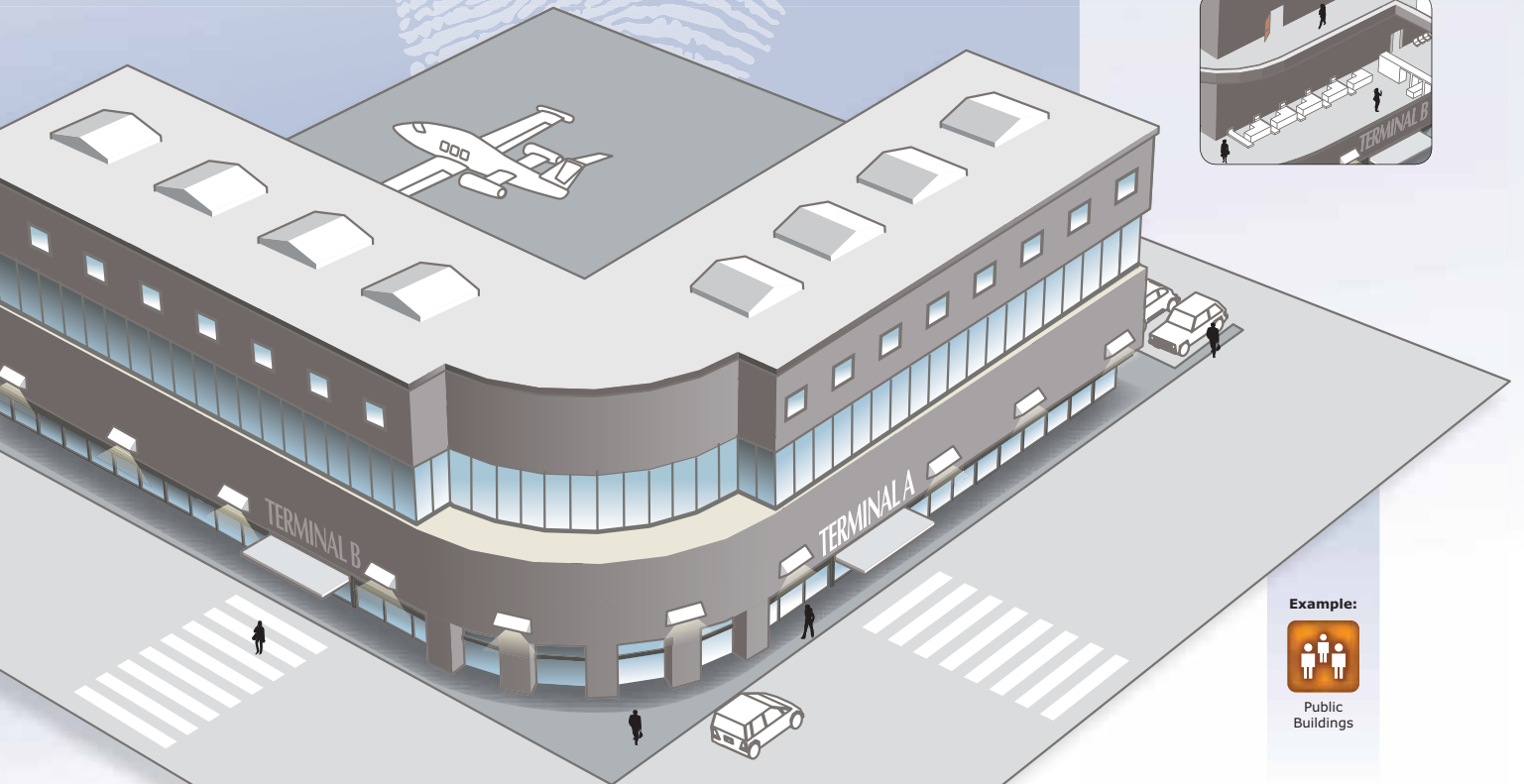
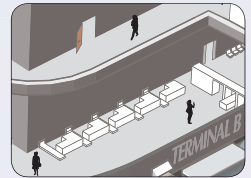
Customs



Computer room



Secured areas



Example:



Public Buildings



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



▶ IN 3 STEPS

I ▶ CORE SYSTEM



DGID

The standalone fingerprint reader of the CDVI range.

▶ P. 109



II ▶ SUPPLEMENTARY MODULES



USBSCANNER

The USBSCANNER is a fingerprint enrolment unit which makes it possible to select the fingerprint of your choice before programming the tag.

▶ P. 109



III ▶ DOOR COMPONENTS



Power supplies

CDVI provides power supplies that are suitable for all types of configurations.

▶ P. 268



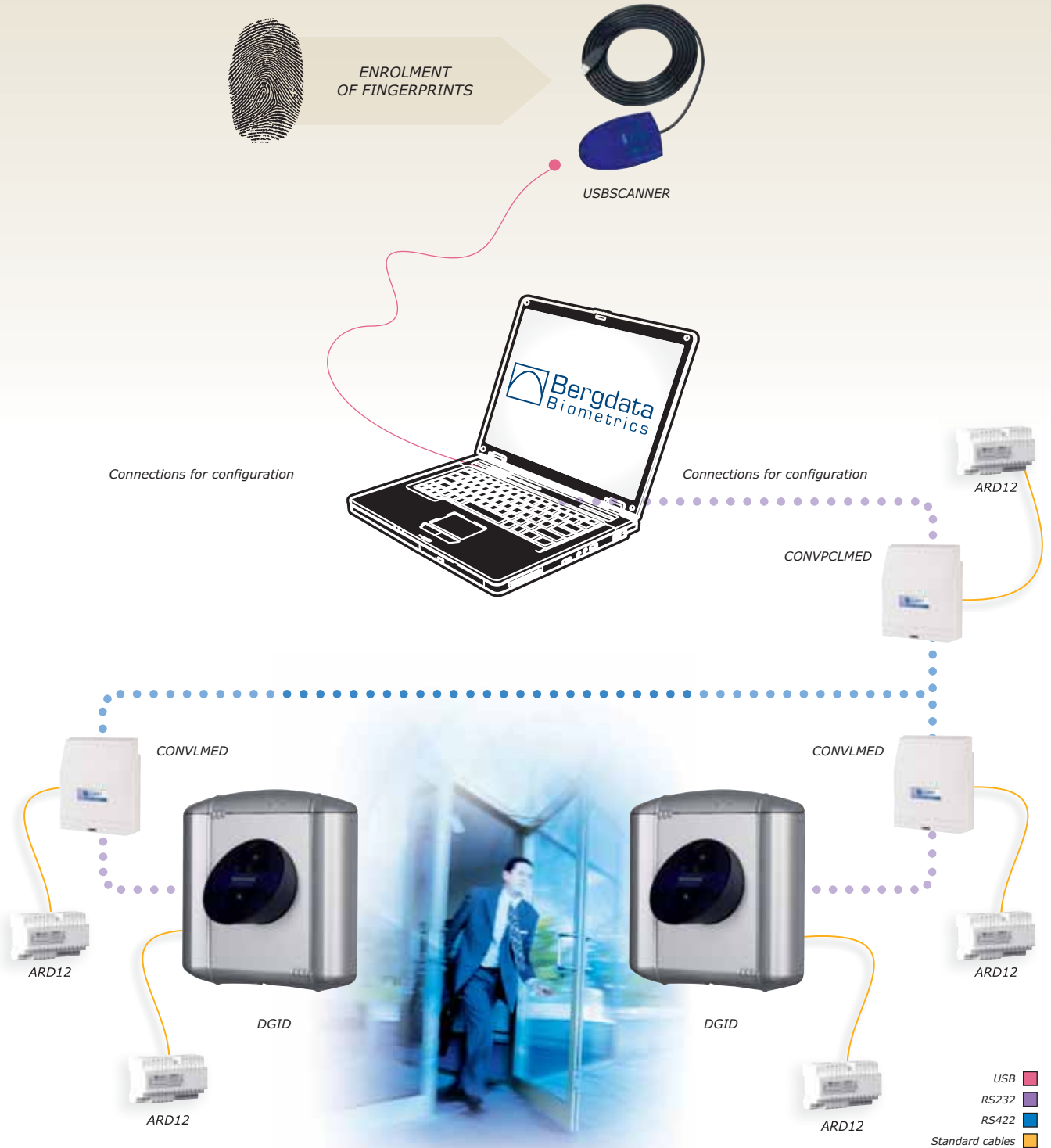
Locking devices/Accessories

Wide range of locking systems and accessories that can optimise the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

▶ P. 212

* Refer to Limited Lifetime Warranty Conditions.

► INSTALLATION CONFIGURATION



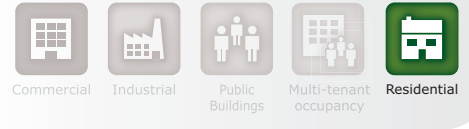
UP TO 400 FINGERPRINTS PER READER

* Refer to Limited Lifetime Warranty Conditions.



► THE READER

DGID Stand-alone fingerprint reader



FREE SOFTWARE

CDVI BIO-ENGINE INSIDE

- **Up to 400 fingerprints.**
- **Self-cleaning sensor.**
- **Swipe finger method.**
- **Auto detect finger.**
- **Can recognise one or several fingers per user.**
- **Operates on a PC platform.**
- **Available in Wiegand version: DGIDW.**

- Dimensions (L x W x D): 120 x 120 x 57mm.
- Flush mount dimensions (L x W x D): 80 x 80 x 45mm.
- Dimensions of the surface mount housing (L x W x D): 126.5 x 131 x 70mm.
- Self-cleaning sensor.
- Operation with wet fingers (choice of one or several fingers during registration).
- 1 RCT relay, door opening.
- 1 tamper switch on the front panel.
- Memorises up to 400 fingerprints.
- Delivered with software on CD-ROM which can run tests to become familiar with the system prior to installation on site.
- Compatible with Windows 2000, XP Vista and 7 operating systems.
- 1 relay switch RCT 3A/30 DC.
- 1 indoor request-to-exit input.
- Input voltage: 12V ac/dc.
- Consumption: 300mA.



- RoHS
- DEEE
- Certification CE
- IP53
- 10°C à +70°C

Recommended power supplies



Biometric systems in France must comply with the texts of the CNIL (www.cnil.fr)

CODE	REFERENCE	DESCRIPTION
F010600002	DGID	STANDALONE FINGERPRINT READER
F010600006	USBSCANNER	FINGERPRINT ENROLMENT UNIT - USB
F0203000083	CA3C	SURFACE MOUNT HOUSING FOR DGID - BERGDATA®
F0109000011	CONVLMED	BIOMETRIC CONVERTER
F0109000010	CONVPCLMED	FINGERPRINT PC CONVERTER

* Refer to Limited Lifetime Warranty Conditions.

 **Digicode**[®]
marque
brand





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



1] COMPARISON TABLE P. 112

2] DIGICODE® KEYPAD WITH REMOTE ELECTRONICS

- **SUBLIM** DIGICODE® KEYPAD 2 RELAYS - SURFACE MOUNT P. 117
- **GALEO** DIGICODE® KEYPAD 2 TO 3 RELAYS - SURFACE MOUNT P. 118
- **KCIN** DIGICODE® KEYPAD 2 TO 3 RELAYS - SURFACE MOUNT P. 119
- **PROFIL100EC** DIGICODE® KEYPAD 3 RELAYS - SURFACE MOUNT P. 119

3] SELF-CONTAINED DIGICODE® KEYPAD

- **DC100E** DIGICODE® KEYPAD 2 TO 3 RELAYS - SURFACE MOUNT P. 120
- **DC100EOPPT** DIGICODE® KEYPAD 2 TO 3 RELAYS - SURFACE MOUNT P. 120
- **PROFIL100EINT** DIGICODE® KEYPAD 2 RELAYS - SURFACE MOUNT P. 121
- **DGA** DIGICODE® KEYPAD 2 RELAYS - SURFACE MOUNT P. 121
- **CAASE** DIGICODE® KEYPAD 3 RELAYS - FLUSH MOUNT P. 122
- **KCIEN AND KCIENSBP** DIGICODE® KEYPAD 2 RELAYS - SURFACE MOUNT P. 122
- **DG1** DIGICODE® KEYPAD 2 RELAYS - SURFACE MOUNT P. 123
- **PROMI** DIGICODE® KEYPAD 2 RELAYS - SURFACE MOUNT P. 123
- **CBB** DIGICODE® KEYPAD 2 RELAYS - SURFACE MOUNT P. 123

* Refer to Limited Lifetime Warranty Conditions.

COMPARISON TABLE

► DIGICODE®

	WITH REMOTE ELECTRONICS					
	SUBLIM	GALEO	KCIN	PROFIL100EC	DC100E	DC100EOPTT
General features						
Backlit	Yes	Yes	Yes	Yes	Yes	Yes
Number of user codes	100	100	100	100	100	100
Audible and visual feedback	Yes	Yes	Yes	Yes	Yes	Yes
Mechanical properties						
Keypad - L x W x D (in mm)	205 x 175 x 63	110 x 75 x 15	110 x 85 x 14	165 x 43 x 27	200 x 120 x 16	275 x 120 x 16
Surface mount housing - L x W x D (in mm)	-	-	-	-	126,5 x 211 x 70	126,5 x 286 x 70
Electronics with remote control - L x W x D (in mm)	146 x 124 x 56	146 x 124 x 56	146 x 124 x 56	146 x 124 x 56	-	-
Exit push button	***	***	***	Yes	Yes	Yes
Degree of protection	-	64	64	64	53	53
Material	Stainless steel/ Polycarbonate	Cast aluminium	Stainless steel	Stainless steel	Aluminium	Aluminium
Colour	-	-	-	-	-	-
Surface mount	Yes	Yes	Yes	Yes	Optional CA1C	Optional CA2C
Flush mount	-	-	-	-	Yes	Yes
Tamper switch	-	-	-	-	-	-
Electronic properties						
EPROM memory storage	Yes	Yes	Yes	Yes	Yes	Yes
Number of relays	2	2 or 3	2 or 3	2	2 or 3	2 or 3
Epoxy resin card (completely sealed)	-	Yes	Yes	Yes	Yes	Yes
Electrical properties						
Free voltage	Yes	Yes	Yes	Yes	Yes	Yes
AC input voltage	12 to 24 V	12 to 24 V	12 to 24 V	12 to 24 V	12 to 24 V	12 to 24 V
DC input voltage	12 to 48 V	12 to 48 V	12 to 48 V	12 to 48 V	12 to 48 V	12 to 48 V
Consumptions (mA)**	70 to 210	30 to 100	30 to 100	30 to 100	50 to 100	50 to 100
Recommended environment						
	Page 117	Page 118	Page 119	Page 119	Page 120	Page 120

** One of the keys of the Digicode® keypad can be configured as a «Free opening» button.

*** Minimum and maximum variation of the consumptions (including the keypad and all the control outputs, in ac/dc).



SUBLIM



GALEO



KCIN



PROFIL100EC



DC100E



DC100EOPTT



PROFIL100EINT

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-entry occupancy



Residential



Digicode^{marque} brand

WITH SELF-CONTAINED ELECTRONICS

PROFIL100EINT	DGA	CAASE	KCIEN	KCIENSBP	CBB	DG1	PROMI
Yes	Yes	Yes	Yes	Yes	-	-	-
100	100	100	100	100	100	500	500
Yes	Yes	Yes	Yes	Yes	Illuminated	Yes	Yes
165 x 43 x 27	120 x 98 x 25	120 x 95 x 2 125 x 100 x 65	140 x 85 x 20	140 x 85 x 20	125 x 100 x 65	137 x 86 x 28	145 x 80 x 28
-	-	-	-	-	-	-	-
***	***	***	Yes	***	***	***	***
64	64	64	64	64	53	53	53
Stainless steel	Cast aluminium	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Polycarbonate	Polycarbonate
-	-	-	-	-	-	Black	Black
Yes	Yes	Optional CI/3E	Yes	Yes	Yes	Yes	Yes
-	-	Yes	-	-	-	-	-
Yes	-	-	-	-	-	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	2	3	2	2	3	2	2
Yes	Yes	Yes	Yes	Yes	-	-	-
Yes	Yes	Yes	Yes	Yes	Yes	-	-
12 to 24V	12 to 24V	12 to 24V	12 to 24V	12 to 24V	12 to 24V	12V	12V
12 to 48V	12 to 48V	12 to 48V	12 to 48V	12 to 48V	12 to 48V	12V	12V
25 to 80	25 to 80	50 to 140	40 to 100	40 to 100	140	100	100
Page 121	Page 121	Page 122	Page 122	Page 122	Page 123	Page 123	Page 123



DGA



CAASE



KCIEN



KCIENSBP



CBB



DG1



PROMI

* Refer to Limited Lifetime Warranty Conditions.

Digicode[®] marque brand

A WIDE RANGE SUITED TO ALL YOUR NEEDS

- Backlit.
- With remote or self-contained electronics**.
- Polycarbonate, aluminium or stainless steel.
- From 2 to 3 relays.
- Narrow or compact.
- Surface or Flush mount.
- Audible and visual feedback.
- The user can reprogram its own code.
- Free voltage:
 - 12 V to 24 V AC,
 - 12 V to 48 V DC.
- Up to 500 user codes**.

** According to model.

The Original Trademark

Example:



Residential





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



Digicode^{marque}
brand



CREATE YOUR SYSTEM TO ORDER

► IN 3 STEPS

I



A large range of encoded Digicode® keypads, suitable for securing all your accesses:
- with remote control (the electronic part is not accessible; it is installed inside the structure for greater security),
- with self-contained electronics.

► P. 117



II

► POWER SUPPLIES



To power the locking of your access control, CDVI provides power supplies that are suitable for all types of configurations.

► P. 268



III

► DOOR COMPONENTS



Locking devices

A locking range for optimising the security of your site to measure (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

► P. 212



Accessories

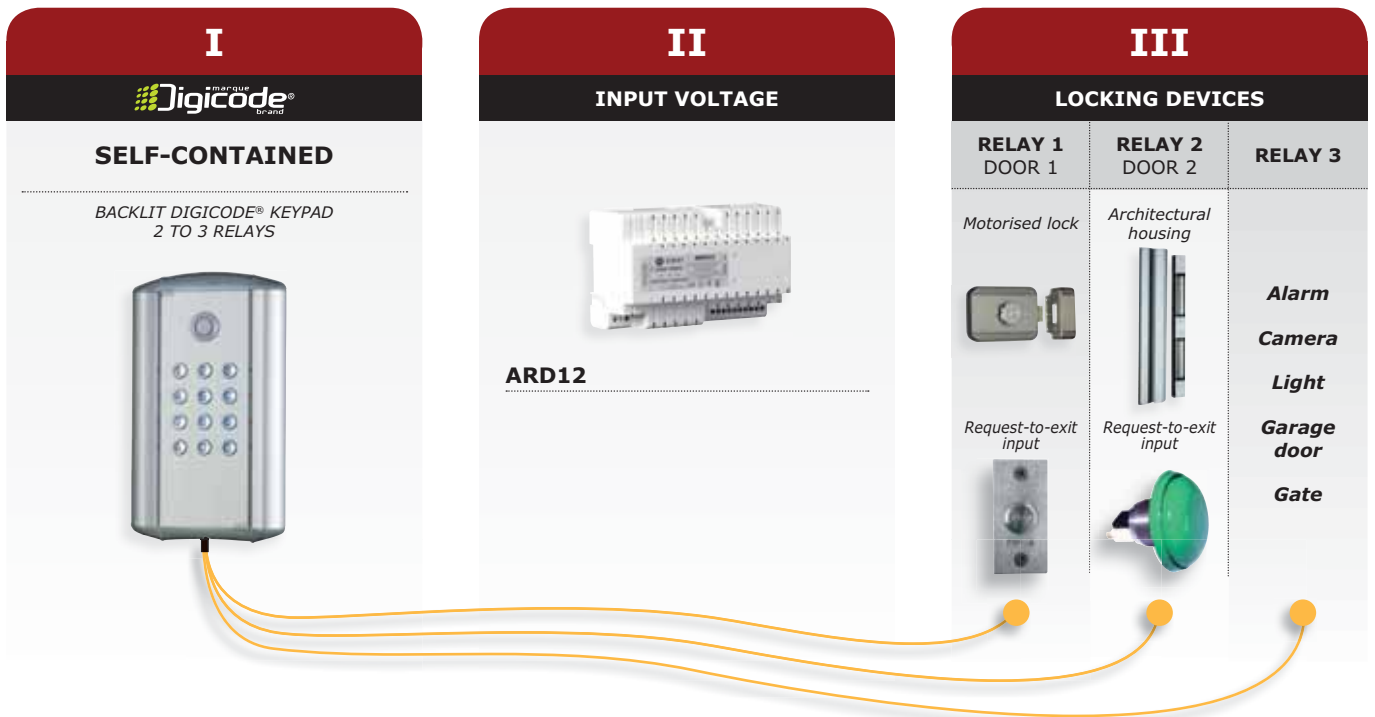
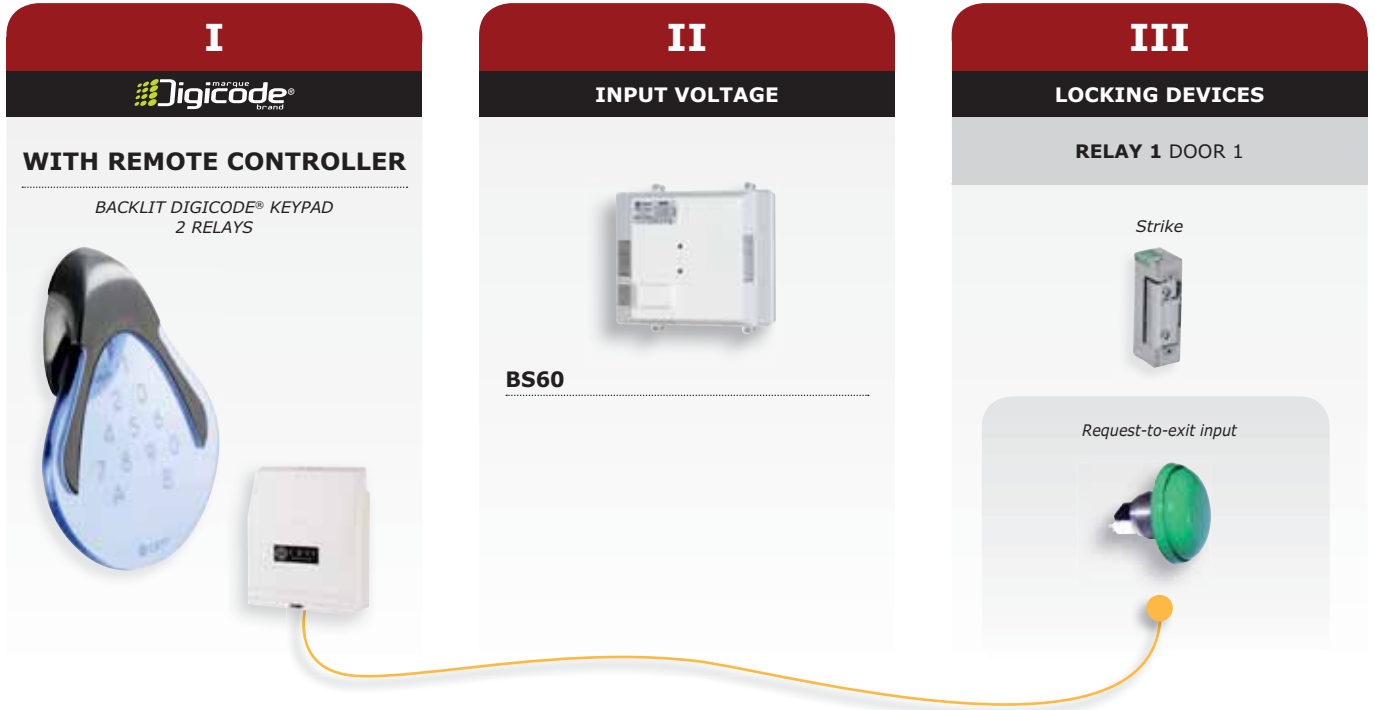
A complete range of installation accessories to optimise the security of your sites (exit push buttons, door loops, etc.).

► P. 290

* Refer to Limited Lifetime Warranty Conditions.

Digicode^{marque} brand STRAIGHTFORWARD, CUSTOMISABLE INSTALLATION

▶ WITH REMOTE ELECTRONICS OR SELF-CONTAINED



 Standard cables

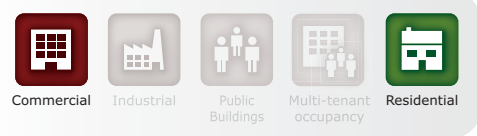
* Refer to Limited Lifetime Warranty Conditions.



Digicode^{marque} brand **KEYPADS**

▶ WITH REMOTE ELECTRONICS

SUBLIM Surface-mount keypad - Stainless steel/polycarbonate



This new Digicode® keypad uses technology based on the recognition of acoustic signatures detected by means of sensors.

This high-tech innovation associated with its improved design allow this new Digicode® keypad to be installed in prestigious environments such as villas, architects' homes, luxury hotels, etc. It blends in easily and elegantly with its surroundings, while offering high levels of security.

- **No mechanical keys.**
- **Backlit.**
- **Stainless steel and polycarbonate.**
- **Laser engraving of the numbers and letters on the inside of the polycarbonate material.**
- **Free voltage.**
- **Mounting with Torx® screws**
- **Protection of the printed circuit board by varnish coating.**
- **100 user codes customisable by each user.**
- Audible and visual feedback.
- Length of specific cable supplied (between the SUBLIM and the remote control): 3m.
- 2 relays.
- Dimensions (L x W x D): 205 x 175 x 63mm.
- Input voltage:
 - 12 to 24V ac,
 - 12 to 48V dc.
- Consumption: 200mA.



INOX



Remote control included

PATENTED BREVETÉ

Recommended power supplies

ARD12 BS60

- RoHS**
- WEEE**
- Certification CE**
- 15°C to +35°C**

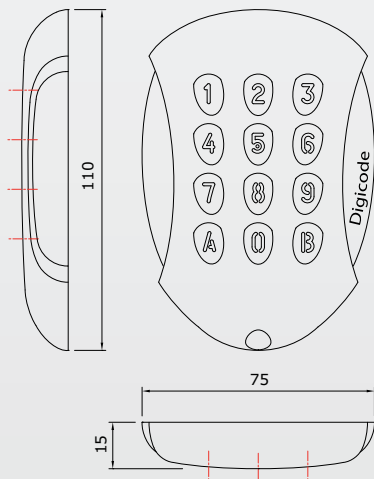
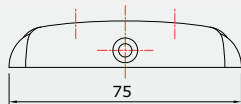
CODE	REFERENCE	DESCRIPTION
F020300087	SUBLIM	STAINLESS-STEEL/POLYCARBONATE DIGICODE® KEYPAD 2 RELAYS - 3M CABLE

* Refer to Limited Lifetime Warranty Conditions.

GALEO Surface-mount keypad - Cast aluminium



H.R.V.
HIGH RESISTANCE
TO VANDALISM



Commercial



Industrial



Public
Buildings



Multi-tenant
occupancy



Residential

- **Polished heavy duty Zamak® cast alloy.**
- **Backlit keys.**
- **Compact.**
- **2 to 3 relays.**
- **Surface mount.**
- **Free voltage.**
- **Mounting with Torx® screws**
- **Completely sealed with epoxy.**
- **PCB of remote electronics protected with a varnish coating.**
- **100 user codes customisable by each user.**
- **Available in Wiegand version (GALEOW).**
- Audible and visual feedback.
- Dimensions (L x W x D): 110 x 75 x 15mm.
- Power supplies:
 - 12 V to 24V ac,
 - 12 V to 48V dc.
- Consumptions: 30 to 100mA.

**PATENTED
BREVETÉ**

RoHS


 Environmental tests:
vibrations

 WEEE

 Environmental test:
Salt spray

 IP64

 CE Certification

 -25°C to +70°C

**Recommended
power supplies**



ARD12



BS60



Remote
control included

CODE	REFERENCE	DESCRIPTION
F0201000047	GALEO	CAST-ALUMINIUM DIGICODE® KEYPAD - 2 RELAYS
F0201000049	GALEO3R	CAST-ALUMINIUM DIGICODE® KEYPAD - 3 RELAYS
F0702000089	TMGALEO	GALEO KEY MODULE (GALEO KEYPAD WITHOUT HOUSING)

* Refer to Limited Lifetime Warranty Conditions.



Digicode^{marque} brand **KEYPADS**

▶ WITH REMOTE ELECTRONICS

KCIN Surface-mount keypad - Stainless steel

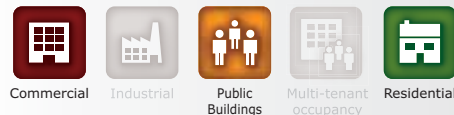


Remote control included



- **Stainless steel.**
- **Backlit keys.**
- **Compact.**
- **From 2 to 3 relays.**
- **Surface mount.**
- **Free voltage.**
- **Mounting with Diax® screws.**
- **PCB of remote electronics protected with a varnish coating.**
- **100 user codes customisable by each user.**

INOX



PATENTED BREVETÉ



Recommended power supplies

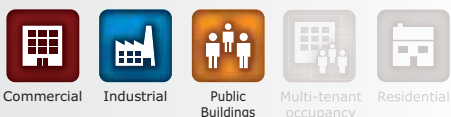


- Audible and visual feedback.
- Dimensions (L x W x D): 110 x 85 x 14mm.
- Power supplies:
 - 12 V to 24V ac,
 - 12 V to 48V dc.
- Consumptions: 30 to 100mA.

- RoHS
- WEEE
- Environmental tests: vibrations
- Environmental test: Salt spray
- IP64
- CE Certification
- 25°C to +70°C

CODE	REFERENCE	DESCRIPTION
F020100053	KCIN	STAINLESS-STEEL DIGICODE® KEYPAD - 2 RELAYS
F020100055	KCIN3	STAINLESS-STEEL DIGICODE® KEYPAD - 3 RELAYS

Narrow surface-mount keypad - Stainless steel **PROFIL100EC**



PATENTED BREVETÉ



INOX

- RoHS
- WEEE
- IP64
- CE Certification
- Environmental tests: vibrations
- 25°C to +70°C

Recommended power supplies



- **Stainless steel.**
- **Narrow: Ideal for installation on aluminium profile.**
- **Backlit keys.**
- **2 relays.**
- **Recommended for activating and deactivating your alarm system.**
- **Surface mount.**
- **Free voltage.**
- **Mounting with Diax® screws.**
- **PCB of remote electronics protected with a varnish coating.**
- **100 user codes customisable by each user.**

- Audible and visual feedback.
- Dimensions (L x W x D): 165 x 43 x 27mm.
- Power supplies:
 - 12 V to 24V ac,
 - 12 V to 48V dc.
- Consumptions: 30 to 100mA.



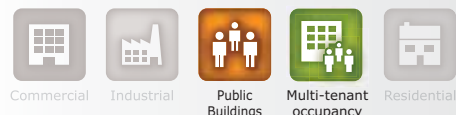
Remote control included



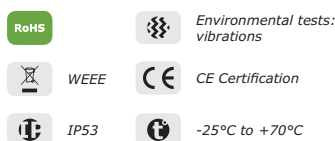
CODE	REFERENCE	DESCRIPTION
F020100061	PROFIL100EC	STAINLESS-STEEL DIGICODE® KEYPAD - 2 RELAYS

* Refer to Limited Lifetime Warranty Conditions.

DC100E - DC100EOPTT Flush-mount keypad - aluminium



- **Backlit keys.**
- **Aluminium.**
- **2 to 3 relays.**
- **2 versions:**
 - Digicode® keypad without housing (DC100E),
 - Digicode® keypad for T25 option or smart-card access control unit (DC100EOPTT)
- **Optional: Surface mount housing.**
- **Free voltage.**
- **Mounting with Torx® screws.**
- **Protection of the printed circuit board by varnish coating.**
- **100 user codes customisable by each user.**
- Audible and visual feedback.
- Dimensions (L x W x D):
 - DC100E = 200 x 120 x 16mm,
 - DC100EOPTT = 170 x 95 x 35mm.
- Flush mount dimensions (L x W x D):
 - DC100E = 275 x 120 x 16mm,
 - DC100EOPTT = 245 x 95 x 45mm.
- Dimensions of the Surface mount frames (L x W x D):
 - CA1C and CD1C = 126.5 x 211 x 70mm,
 - CA2C and CD2C = 126.5 x 286 x 70mm.
- Power supplies:
 - 12 V to 24V ac,
 - 12 V to 48V dc.
- Consumptions: 50 to 100mA.



CODE	REFERENCE	DESCRIPTION
F0203000065	DC100E	ALUMINIUM DIGICODE® KEYPAD - 2 RELAYS
F0203000067	DC100E3R	ALUMINIUM DIGICODE® KEYPAD - 3 RELAYS
F0203000071	CA1C	ALUMINIUM SURFACE MOUNT HOUSING FOR DC100E
F0203000078	DC100ED	GOLD-FINISH ALUMINIUM DIGICODE® KEYPAD - 2 RELAYS
F0203000080	DC100ED3R	GOLD-FINISH ALUMINIUM DIGICODE® KEYPAD - 3 RELAYS
F0203000074	CD1C	GOLD-FINISH ALUMINIUM SURFACE MOUNT HOUSING FOR DC100ED
F0203000068	DC100EOPTT	ALUMINIUM DIGICODE® KEYPAD + OPTT - 2 RELAYS
F0203000070	DC100E3ROPTT	ALUMINIUM DIGICODE® KEYPAD + OPTT - 3 RELAYS
F0203000072	CA2C	ALUMINIUM SURFACE MOUNT HOUSING FOR DC100EOPTT
F0203000077	DC100EOPTT	GOLD-FINISH ALUMINIUM DIGICODE® KEYPAD + OPTT - 2 RELAYS
F0203000075	DC100ED3ROPTT	GOLD-FINISH ALUMINIUM DIGICODE® KEYPAD + OPTT - 3 RELAYS
F0203000073	CD2C	GOLD-FINISH ALUMINIUM SURFACE MOUNT HOUSING FOR DC100E + OPTT

* Refer to Limited Lifetime Warranty Conditions.



Digicode^{marque} brand KEYPADS

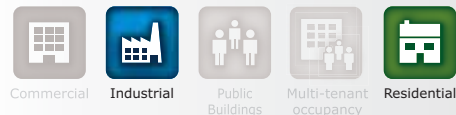
▶ SELF-CONTAINED

PROFIL100EINT Narrow surface-mount keypad - Stainless steel



- **Backlit keys.**
- **Stainless steel.**
- **2 relays.**
- **Narrow: Ideal for installation on aluminium profile.**
- **Recommended for activating and deactivating your alarm system.**
- **Surface mount.**
- **Free voltage.**
- **Mounting with DiAx® screws.**
- **100 user codes customisable by each user.**

INOX



H.R.V.
HIGH RESISTANCE TO VANDALISM

PATENTED BREVETÉ

Recommended power supplies

ARD12 BS60

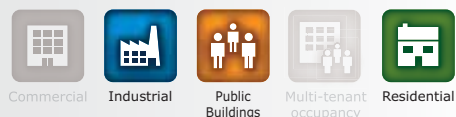


■ Audible and visual feedback.
Dimensions (L x W x D): 165 x 43 x 27mm.
Input voltage:
- 12 V to 24V ac,
- 12 V to 48V dc.
Consumption: 25 to 80mA.

- RoHS
- WEEE
- Environmental tests: vibrations
- Environmental test: Salt spray
- IP64
- CE Certification
- 25°C to +70°C

CODE	REFERENCE	DESCRIPTION
F020100060	PROFIL100EINT	STAINLESS-STEEL DIGICODE® KEYPAD - 2 RELAYS

Surface-mount keypad - Cast aluminium **DGA**



PATENTED BREVETÉ

- RoHS
- WEEE
- Environmental tests: vibrations
- Environmental test: Salt spray
- IP64
- CE Certification
- 25°C to +70°C

H.R.V.
HIGH RESISTANCE TO VANDALISM

Recommended power supplies

ARD12 BS60

- **Polished heavy duty Zamak® cast alloy.**
- **Backlit keys.**
- **2 relays.**
- **Surface mount.**
- **Free voltage.**
- **Mounting with Torx® screws.**
- **100 user codes customisable by each user.**



■ Audible and visual feedback.
■ Dimensions (L x W x D): 120 x 98 x 25mm.
■ Power supplies:
- 12 V to 24V ac,
- 12 V to 48V dc.
■ Consumptions: 25 to 80mA.



CODE	REFERENCE	DESCRIPTION
F020100063	DGA	CAST-ALUMINIUM DIGICODE® KEYPAD - 2 RELAYS

* Refer to Limited Lifetime Warranty Conditions.

KEYPADS

▶ SELF-CONTAINED

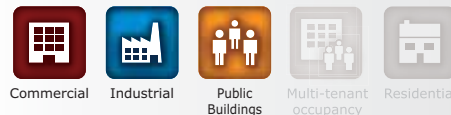
CAASE Flush-mount keypad - Stainless steel



PATENTED BREVETÉ

- **Backlit keys.**
- **Stainless steel.**
- **3 relays + 3 LEDs.**
- **Flush mount.**
- **Surface mount option: housing CI3E.**
- **Free voltage.**
- **Mounting with Diax® screws.**
- **Protection of the printed circuit board by varnish coating.**
- **100 user codes customisable by each user.**

INOX



H.R.V.
HIGH RESISTANCE TO VANDALISM

RoHS

WEEE

Environmental tests: vibrations

IP53

CE Certification

-25°C to +70°C

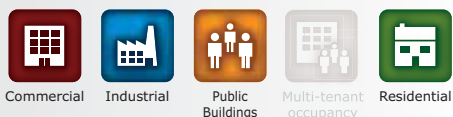
Recommended power supplies



- Audible and visual feedback.
- Dimensions (L x W x D): 120 x 85 x 47mm.
- Flush mount (L x W x D): 105 x 80 x 45mm.
- Dimensions of the framework frames (L x W x D): 125 x 100 x 65mm.
- Input voltages: 12 V to 24V ac and 12 V to 48V dc.
- Consumptions: 50 to 140mA.

CODE	REFERENCE	DESCRIPTION
F0201000052	CAASE	STAINLESS-STEEL DIGICODE® KEYPAD - 3 RELAYS
F0207000013	CI3E	SURFACE MOUNT STAINLESS STEEL HOUSING

Surface-mount keypad - Stainless steel **KCIEN - KCIENSBP**



PATENTED BREVETÉ

H.R.V.
HIGH RESISTANCE TO VANDALISM

RoHS

WEEE

Environmental tests: vibrations

IP64

CE Certification

-25°C to +70°C

Recommended power supplies



- **Backlit keys.**
- **Stainless steel.**
- **Compact.**
- **2 relays.**
- **Surface mount.**
- **Free voltage.**
- **Mounting with Torx® screws.**
- **100 user codes customisable by each user.**

INOX



- Audible and visual feedback.
- Dimensions (L x W x D): 140 x 80 x 20mm.
- Input voltage:
 - 12 V to 24V ac,
 - 12 V to 48V dc.
- Consumption: 40 to 100mA.

CODE	REFERENCE	DESCRIPTION
F0201000056	KCIEN	STAINLESS-STEEL DIGICODE® KEYPAD + EXIT PUSH BUTTON - 2 RELAYS
F0201000058	KCIENSBP	STAINLESS-STEEL DIGICODE® KEYPAD - 2 RELAYS

* Refer to Limited Lifetime Warranty Conditions.



Digicode^{marque}
brand **KEYPADS**

▶ SELF-CONTAINED

DG1 - PROMI Surface-mount keypad - Polycarbonate



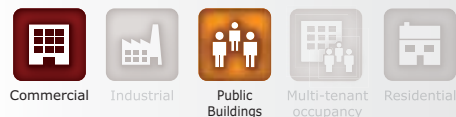
DG1

PROMI

**PATENTED
BREVETÉ**

- **Polycarbonate.**
- **Surface mount.**
- **2 relays.**
- **Automatic protection against opening and tampering.**
- **500 user codes customisable by each user.**

- Audible and visual feedback.
- Dimensions (L x W x D):
 - DG1 = 137 x 86 x 28mm,
 - PROMI = 145 x 80 x 28mm.
- Power supplies: 12V ac/dc.
- Consumption: 120mA.



Recommended power supplies



RoHS

WEEE

Environmental tests: vibrations

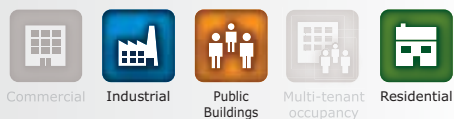
IP53

CE Certification

-25°C to +70°C

CODE	REFERENCE	DESCRIPTION
F0204000010	DG1	POLYCARBONATE DIGICODE® KEYPAD - 2 RELAYS
F0204000005	PROMI	POLYCARBONATE DIGICODE® KEYPAD - 2 RELAYS

Braille surface-mount keypad - Stainless steel **CBB**



- **Stainless steel.**
- **Braille keys.**
- **IP54 seal.**
- **3 relays + 3 LEDs.**
- **Surface mount.**
- **Mounting with Diax® screws.**
- **Protection of the printed circuit board by varnish coating.**
- **100 user codes customisable by each user.**

H.R.V.
HIGH RESISTANCE
TO VANDALISM



INOX

- Audible feedback.
- Varnish-coated printed circuit board (protection against high levels of humidity).
- Button to open the door by the 0 key.
- Dimensions (L x W x D): 125 x 100 x 65mm.
- Input voltage: 12V ac/dc.
- Consumption: 140mA.

RoHS

WEEE

Environmental tests: vibrations

IP52

CE Certification

-20°C to +50°C

FC Certified FCC CFR 47 Part 15 compliant



Recommended power supplies



CODE	REFERENCE	DESCRIPTION
F0201000012	CBB	STAINLESS-STEEL DIGICODE® KEYPAD WITH BRAILLE BUTTONS - 3 RELAYS

* Refer to Limited Lifetime Warranty Conditions.



VIGIK

SMART-CARD ACCESS CONTROL SYSTEMS
[FOR FRANCE EXCLUSIVELY]

COMPATIBLE WITH BTICINO PRODUCTS

bticino





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



1] INTRODUCTION TO SMART-CARD ACCESS CONTROL SYSTEMS P. 126

2] COMPARISON TABLE P. 126

3] SMART-CARD ACCESS CONTROL SYSTEMS

DGM1 1-DOOR CONTROLLER AND MIFARE® CARD READER P. 129

DGM4 4-DOOR CONTROLLER AND MIFARE® CARD READER P. 130

4] PCV123 MIFARE® 13.56 MHZ CARDS,TAGS & TRANSMITTER PROGRAMMER P. 131

5] MIFARE® TAGS AND CARDS

ERV 4-CHANNEL RF TRANSMITTER + MIFARE® TAG P. 131

METAL BADGE METAL - MIFARE® 13,56 MHZ P. 131

PVP POLYCARBONATE TAG - MIFARE® 13.56 MHZ..... P. 131

BV ISO-CARD - MIFARE® 13.56 MHZ P. 131

* Refer to Limited Lifetime Warranty Conditions.





THE SMART-CARD ACCESS CONTROL SYSTEM [FOR FRANCE]

Public and private utilities companies, which need to access technical areas of the buildings must gain access without jeopardising the security of the residents. In France, the problem has been experienced mainly by the French Post office who makes over 400 millions entries into the buildings each year.

La Poste has set up specifications for a new access control system using smart-card technology, which is selective and secure in order to get access to the buildings. Reliable, easy-to-use, vandal resistant, low maintenance the contactless smartcard systems range developed and manufactured by CDVI provides a complete access control solution to satisfy the main concerns of the users and the administrators of the security systems.

COMPARISON TABLE

	SMART-CARD ACCESS CONTROLLERS	
	STAND-ALONE	ONLINE
	DGM1	DGM4
General features		
Number of doors (max)	1	20
Service management	30	30
Tags	Unlimited	20000
"Pass" tags	Unlimited	80
Master tag for user management	1	-
Number of doors per pass tag	101 doors per site	240
Alarm management	-	Yes
Event history	16,000 associated with TERENA	3,000
Maximum number of networked controllers	128 associated with TERENA	5
Anti-passback	-	Yes
Compatible with controller	TERENA	-
Relays	1	4
Tag programmer required	PCV123	PCV123
Management via internet	TERENA	-
Mechanical properties		
Dimensions L x W x D (inmm)	78 x 57 x 24	180 x 140 x 65
Degree of protection	20	52
Electrical properties		
AC input voltage	12V	12V
DC input voltage	12V	12V
Consumptions	300	500
Recommended environment		
		
	Page 129	Page 130



COMPATIBLE WITH BTICINO PRODUCTS



* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



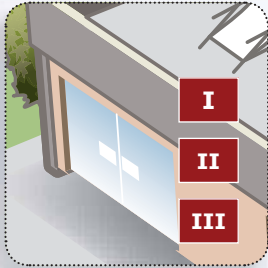
Public Buildings



Multi-tenant occupancy



Residential



Example:



Multi-tenant occupancy



CREATE YOUR SYSTEM TO ORDER

► IN 3 STEPS

I

► CORE SYSTEM



Smart-card access control solutions

- DGM1 controller, standalone version (manages 1 door and an unlimited number of residents),
- DGM4 controller, online version (manages up to 20 doors and 20,000 residents).

► P. 129

II

► TAGS, CARDS AND REMOTE TRANSMITTERS + PROGRAMMERS



Required for the installation of your smart-card access control system, the PCV and PCV123 allow you to program tags and cards with standalone operation:

- PCV for the creation of services in the residence,
- PCV123 for the creation of resident tags.

► P. 131

III

► DOOR COMPONENTS



Power supplies

Essential for powering the locking of your accesses and the readers, CDVI provides power supplies that are suitable for all types of configurations.

► P. 268



Locking devices

CDVI has a wide range of locking systems that can optimise the security of your site (strikes, locks, architectural housings, solenoid bolt locks, motorised locks).

► P. 212

* Refer to Limited Lifetime Warranty Conditions.

VIGIK INSTALLATION

COMPATIBLE WITH BTICINO PRODUCTS



► DGM1 1-DOOR CONTROLLER

SERVICES




RESIDENTS



DOOR 1



Data transmission by simple contact of the PCV123 with the smart-card access reader for each new resident site code

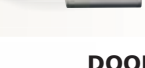
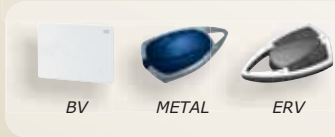
Standard cables 
RS232 
USB 

VIGIK INSTALLATION CONFIGURATION

► DGM4 4-DOOR CONTROLLER

SERVICES

RESIDENTS






DOOR 1

DOOR 2

DOOR 3

DOOR 4

Data transmission by simple contact of the PCV123 with the smart-card access reader for each new resident site code

Standard cables 
RS232 
USB 

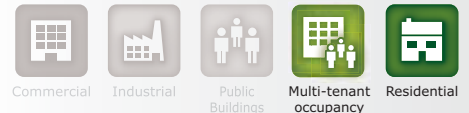
* Refer to Limited Lifetime Warranty Conditions.



▶ 1-DOOR

DGM1 1-Door controller and Mifare® reader

DGM1 smart-card access controllers are perfectly suitable for installations with simple access control.

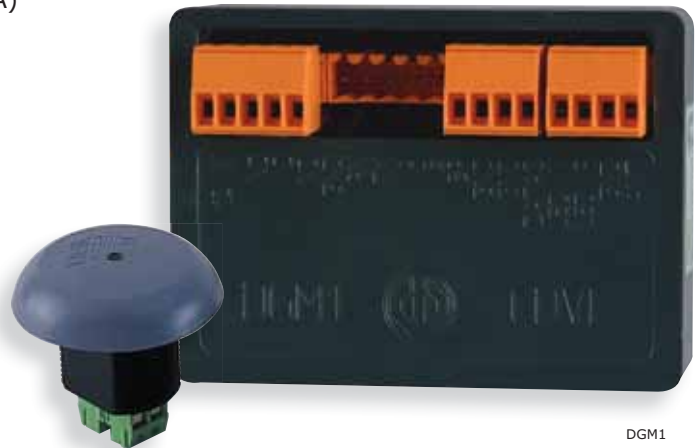


The DGM1 is recommended for 3 types of configurations:

- The standalone DGM1 controller can manage access by Trade,
- The DGM1 controller can manage resident and trade accesses,
- In case it is required to follow-up event history, the DGM1 can be connected to a controller (TERENA) via its bus interface (INTWDGM1).

- RoHS
- WEEE
- CE Certification
- IP52
- 20°C to +70°C

Recommended power supplies



DGM1

- **Compliant with Mifare®.**
- **Up to 100 doors on the same site:**
Capability to program 100 DGM1 from 1 to 100 + gate access.
- **Customisable access level when adding a tag:**
1 door + gate.
- **Easy to program: add tag via PC, PCV123 or with the master card,**
- **DGM1 configuration done with the PCV123.**
- **Unlimited number of users.**
- **Low cost.**
- **Possibility of erasing the tags to reprogram them.**
- **Tag and master card deleted with the PCV123.**
- **Snap-off terminal blocks.**

- **Dimensions:**
 - DGM1 (L x W x D) = 78 x 57 x 24mm,
 - DGM1 reader (Ø x D) = Ø44 x 41mm.
- 1-door management: 1 NO/NC relay.
- 1 exit push button input.
- Unlimited number of users.
- Blacklist capacity: 180 tags.
- Installation using SYT 1/10 screened wire from the reading unit up to 2m. Beyond that, up to 10 m, a coaxial wire 50 Ohms is recommended.
- Site code written in the tag when it is registered.
- "Blacklist" mode (allowing the deletion of lost or stolen tags)
- Tag number not registered in the controller.
- Works with the following products: PVP (Mifare® tag), BV cards (ISO Mifare® credit-card format), METAL (Mifare® Metal tag) and ERV (RF/Mifare® transmitter).
- Reader connection by terminal block.
- RS-232 connection.
- Automatic update of the TELACCESS.
- Input voltage: 12V ac/dc.
- Consumption: max. 300mA.

CODE	REFERENCE	DESCRIPTION
F0108000016	DGM1	1-DOOR SMART-CARD ACCESS CONTROLLER + TDG1 READER
F0108000018	CDGM1	CABLE FOR CONNECTION BETWEEN PCV123 AND DGM1D OR DGM1
F0109000016	INTWDGM1	BUS INTERFACE FOR DGM1

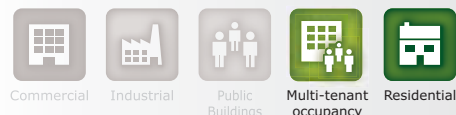
* Refer to Limited Lifetime Warranty Conditions.

▶ 4-DOORS

DGM4 4-Door controller and Mifare® reader

The **DGM4 (4-door)** controllers are perfectly suitable for residential or multi-tenant occupancy facilities which require simple access control. The DGM4 includes the smart-card access control system with schedule management and resident access history functions.

These systems make it possible to manage services as well as residents and/or groups (to manage clubs and associations) thanks to the PCV123 programmer (not included with the DGM4). This system does not require a PC connection unless the information monitoring option is activated (history).



- **Compliant with Mifare® (system compatible with all Mifare® tag brands).**
- **TDG4 reader: Very high resistance to flames.**
- **Tag programming without travelling to the site.**
- **Access history (Residents).**
- **Standalone system (no PC connection required).**
- **Networking of 5 controllers (management of 20 doors) on 1 RS485 bus.**
- **Compatible with DGM1 via PCV123.**
- **Possibility of erasing the tags to reprogram them.**
- **Wireless programming of resident tags.**
- **Information downloads via TDG4.**
- **Snap-off terminal blocks.**
- **Schedule management (residents).**
- **Anti-passback.**
- **Tags with hierarchic loss and access index.**
- **80 pass tags (240 doors per pass tag).**

- Dimensions (L x W x D): 140 x 180 x 65mm.
- Reading/writing controller.
- 4-door management:
 - 4 NO/NC relays,
 - 4 exit push button inputs,
 - up to 4 reading units.
- Management of 20,000 resident tags
- User rights on the tag.
- 3000 events memorised.
- Anti-passback function.
- 1 NO/NC alarm output: door forced or left open.
- Automatic tag replacement.
- Input voltage: 12V dc.
- Consumption: 500mA (Readers + controller).



DGM4

TDG4

RoHS

 WEEE

 CE Certification

 IP52

 -20°C to +70°C

Recommended power supplies



ARD12

BS60

CODE	REFERENCE	DESCRIPTION
F010800023	KITDGM4	KIT INCLUDING 1 DGM4 + 1 TDG4 + 1 CABLE
F010800021	TDG4	"MUSHROOM TYPE" MIFARE® CARD READER FOR DGM4

* Refer to Limited Lifetime Warranty Conditions.



► DGM1 AND DGM4

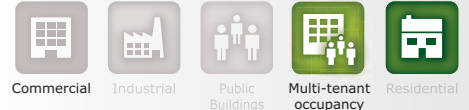
PCV123 Desktop and Handheld Mifare® terminal



FREE SOFTWARE

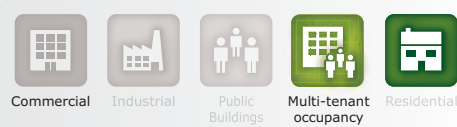
- **Unlimited number of resident tags**
- **Portable and standalone.**

- Dimensions (L x W x D): 180 x 100 x 40mm.
- Property management software.
- Simultaneous management of 15 sites.
- Functions:
 - Reading and programming, of user tags,
 - Centralisation of the administration and users on a PC.
- Delivered with:
 - Building administration software for DGM1 and DGM4.
 - The tags and services are programmed on a PC or using the PCV123.
 - The PCV123 can be loaded with information to allow direct downloads of data onto the reading unit of the DGM1 and DGM4 (saving time).
- Input voltage: mains or batteries (2 x LR6 not included).



CODE	REFERENCE	DESCRIPTION
F010800017	PCV123	MIFARE® PROGRAMMER FOR DGM1 AND DGM4

METAL - BV - PVP - ERV Mifare® card, tags & transmitter



- **Optional:** customisable printing or engraving (following model).

- **Dimensions (L x W x D):**
 - METAL = 60 x 30 x 7mm,
 - BV = 85 x 54 x 0,8mm,
 - PVP = 52 x 23 x 5mm,
 - ERV = 72 x 42 x 13mm.

MIFARE®



CODE	REFERENCE	DESCRIPTION
F0108000033	METAL	METAL 125 KHZ MIFARE® TAG + KEY FOB - DIGITAG®
F0108000034	METALSPLASER1F	CUSTOMISABLE ENGRAVING FOR METAL TAG
F0108000006	BV	ISO CARD - MIFARE® 13.56 MHZ
F0108000008	PVP	POLYCARBONATE TAG - MIFARE® 13.56 MHZ
F0104000032	ERV	4-CHANNEL RF TRANSMITTER + MIFARE® 13.56 MHZ
F0104000011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F0104000029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

* Refer to Limited Lifetime Warranty Conditions.

Navy[®]

TELEPHONE ENTRY SYSTEMS



Navy[®] TELACCESS

 CDVI



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



Navy®

1] COMPARISON TABLE P. 134

2] AUDIO ENTRY PANELS VIA TELEPHONE LINE

TELACCESS P. 136

- SYSTEM P. 141

- SUPPLEMENTARY MODULES P. 142

- READERS P. 144

- TAGS AND REMOTE TRANSMITTERS P. 156

TEL9000 AND TEL9000E P. 158

- SYSTEM P. 161

CIP12DR P. 162

- SYSTEM P. 164

3] DOOR ENTRY PANEL

PA P. 165

SUPPLEMENTARY MODULES P. 165

TELEPHONE ENTRY SYSTEMS

* Refer to Limited Lifetime Warranty Conditions.

General features

Call capacity	2000
Lift management	Yes
Day call number	1000
Night call number	1000
Number of call codes	1000
Number of files	1000
Free access	Yes
Security guard code	Yes
Number of readers	6 including 1 on panel

Mechanical properties

Panel - L x W x H (in mm)	388 x 160 x 54
Flush mount - L x W x H (in mm)	368 x 140 x 50
Surface mount housing	396 x 167 x 81
Microphone speaker	Yes
Exit push button	2
Index of protection (IP)	54
Installation of smart-card access system, DGM1D or T25	Yes
Digicode® keypad	Yes
Materials	Aluminium
LCD display	Graphic
Operating temperature	-10°C to +50°C

Electronic properties

TCP/IP	TELACCESSIP
Analog line	Yes
PABX Analogue	Yes
Ring/enter mode (Trades)	Yes
Conversation time	Yes
Calls log time	Yes
Panel connections	-
Relays	2
Programming via PC	Yes

Electrical properties

AC input voltage	-
DC input voltage	12V
Consumption (in mA)	TELACCESS = 350 / TELACCESSIP = 450

Recommended environment
TELACCESS


Page 141



TELACCESS

* Refer to Limited Lifetime Warranty Conditions.



Tertiaire



Industriel



ERP**



Résidentiel
collectif



Résidentiel



Navy®

TELEPHONE AUDIO ENTRY

TEL9000

100
-
1
1
100
-
-
Yes
-

TEL9000E = 320 x 140 x 4 / TEL9000 = 200 x 120 x 40
210 X 120 X 50 mm

-
Yes
2
53
-

Yes
Stainless steel
-
-30°C to +70°C

-
Yes
Yes
-
Yes
-
-
3
-

12V
18V
250



Page 158

CIP12DR

12
-
1 per standard panel button
1 per standard panel button
-
-
-
-

220 x 170 x 50

-
Yes
-
42

-
Metal case
-10°C to +55°C

-
Yes
Yes
-
Yes

-
3
-

12V
18V
200 to 280



Page 162



TEL9000



CIP12DR

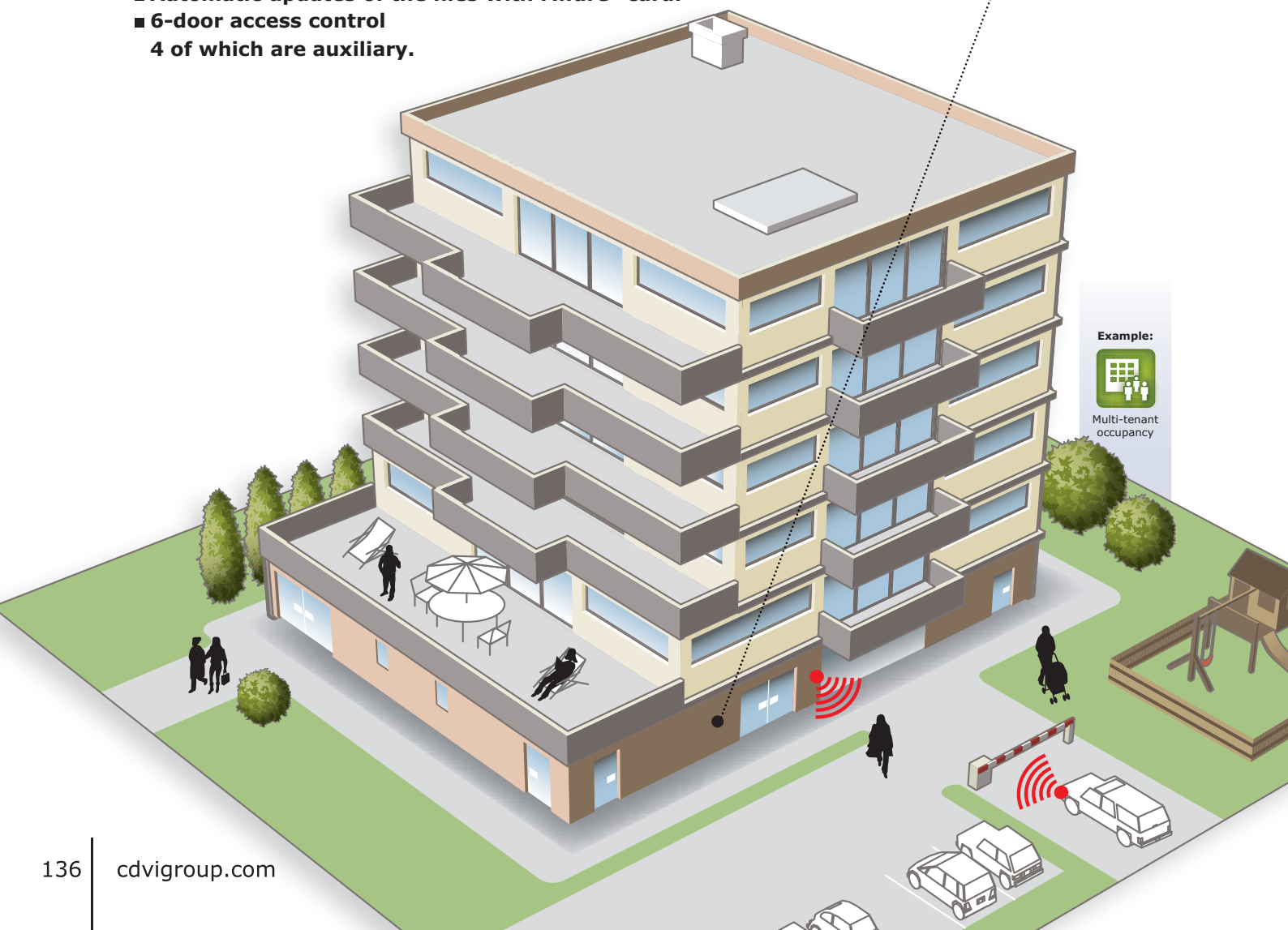
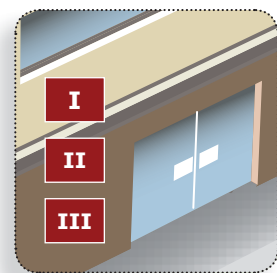
* Refer to Limited Lifetime Warranty Conditions.

TELACCESS TELEPHONE PANEL

FREE SOFTWARE

- 1000 day and night numbers.
- Digicode® keypad and name scrolling.
- Backlit Digicode® keypad and function keys.
- Programming from telephone unit.
- Lift control.
- **Schedule:** free access, service codes and unlisted number.
- **Trade feature:** Ring/Enter + independent bell option.
- **1 common access code or 1 access code per name on the Digicode® keypad.**
- **1 button call to security guard.**
- 1000 users.
- Multi-language support.
- Telephone number up to 15 digits.
- Programming via PC, remotely or over TCP/IP (optional)
- Telephone line **Detection:** call, ring, line busy (call forwarding).
- Built-in modem.
- Call unit counting.
- Backlit graphic LCD display.
- Automatic updates of the files with Mifare® card.
- 6-door access control
4 of which are auxiliary.

Navy®



Example:

 Multi-tenant
 occupancy



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



Navy®

Navy® TELACCESS

► CREATE YOUR SYSTEM TO ORDER IN 3 STEPS

I ► CORE SYSTEM



Panel + software

This new TELACCESS panel uses the latest technologies in the field of telephone entry systems to guarantee the security of your accesses.

► P. 141



II ► SUPPLEMENTARY MODULES



INTBUSW

Reader controller - Wiegand for the auxiliary readers.

► P. 142



Interface board modules

CDVI has a range of interface board modules to manage peripherals and controls (Inputs/outputs, lifts, on-site/parking).

► P. 143



III ► DOOR COMPONENTS



Power supplies

Essential for powering the locking of your accesses, readers, and Digicode® keypads, CDVI provides power supplies that are suitable for all configurations.

► P. 268



Remote readers and Digicode® keypads

CDVI has a range of auxiliary readers (proximity, RF, Digicode® and biometric) which are compatible with the TELACCESS system.

► P. 144



Cards, tags and transmitters

CDVI has a range of remote transmitters, tags and cards that complement the smart-card access, proximity and RF readers, as well as many other installation accessories for optimising the security of your sites.

► P. 156



Locking devices

CDVI has a wide range of locking systems that can optimise the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

► P. 212

* Refer to Limited Lifetime Warranty Conditions.

Navy[®] TELACCESS

▶ A COMPLETE AUDIO ENTRY SOLUTION VIA TELEPHONE LINE



* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



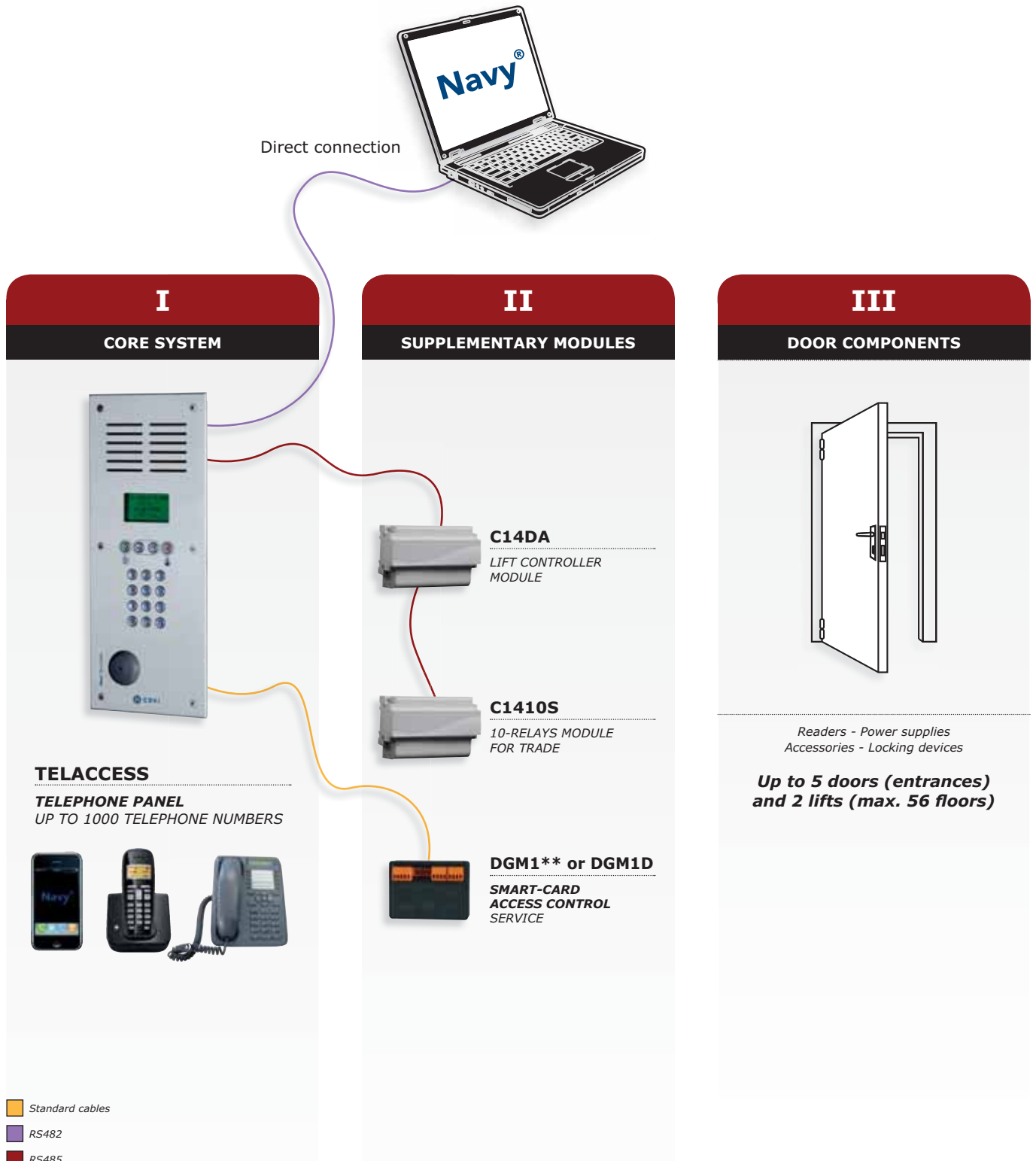
Residential



Navy®

Navy® TELACCESS

► SYSTEM BLOCK DIAGRAM

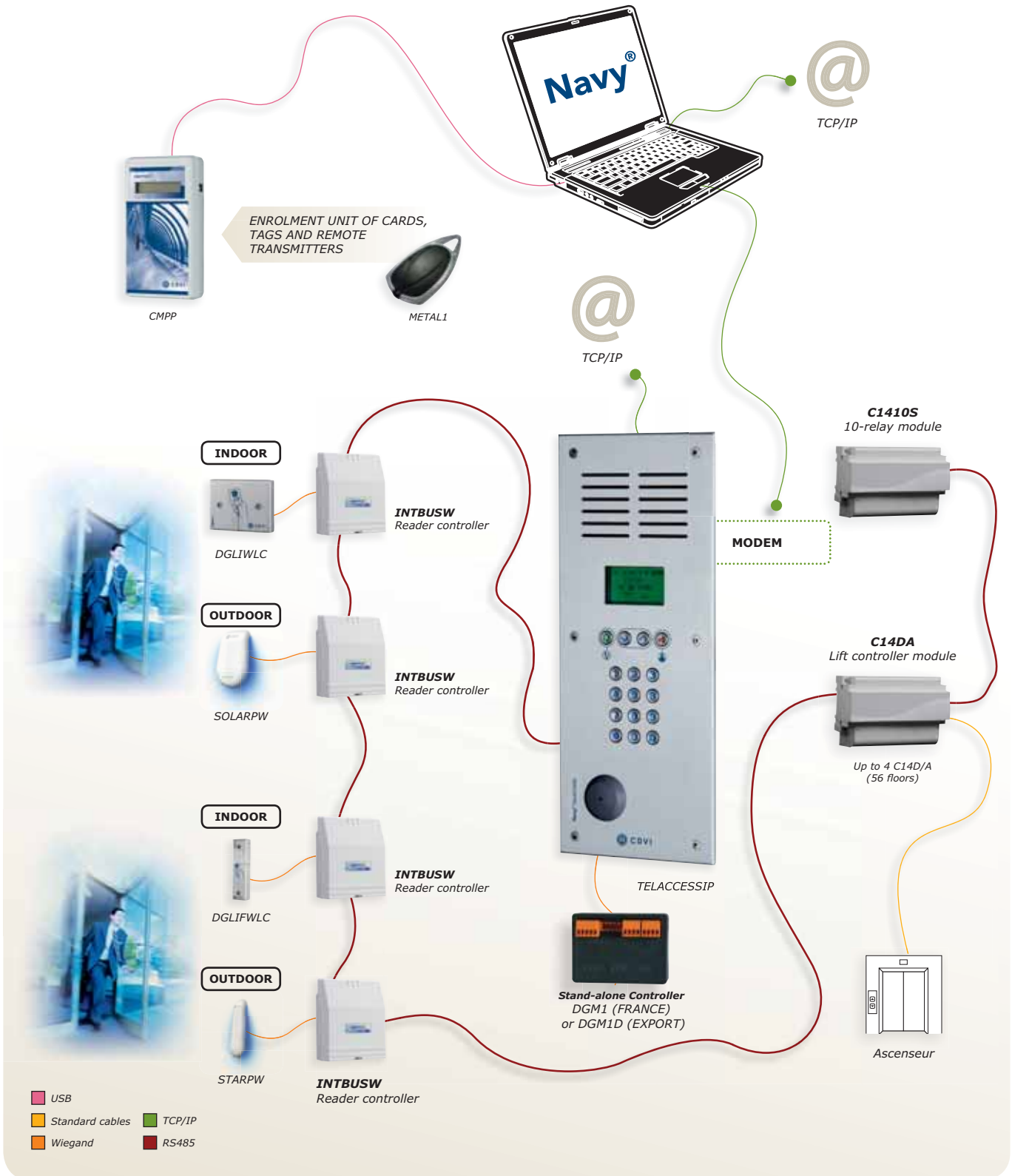


TELEPHONE ENTRY SYSTEMS

* Refer to Limited Lifetime Warranty Conditions.
** For France only.

Navy[®] TELACCESS

► INSTALLATION CONFIGURATION



* Refer to Limited Lifetime Warranty Conditions.

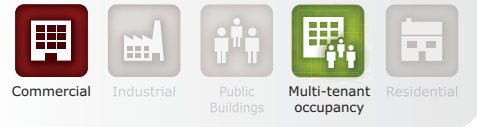


Navy® TELACCESS

► THE TELEPHONE PANEL

TELACCESS Audio entry panel via telephone line

TELACCESS
+ DGM1 or DGM1D



Stand-alone Controller
DGM1 (FRANCE)
ou DGM1D (EXPORT)

FREE SOFTWARE

- **Speech synthesis (TELACCESSSV).**
- **1000 day and night numbers.**
- **Minimum programming via the front panel.**
- **Digicode® keypad and name scrolling.**
- **Backlit Digicode® keypad, LCD graphic display and function keys.**
- **Programming of certain functions by telephone (red list, unavailable, etc.)**
- **Lift management (56 floors and 2 cabins - 4 controllers C14D/A).**
- **Schedule management: free access, service codes and unlisted number.**
- **Trade feature: Ring/Enter + independent bell option.**
- **1000 users.**
- **1 common access code or 1 access code per name.**
- **1 button dialing to security guard.**
- **Multi-languages support.**
- **Telephone number up to 15 digits.**
- **Programming via PC, remotely or over TCP/IP (optional).**
- **Built-in modem.**
- **Call unit counting.**
- **Automatic updates of files by Mifare® tags.**
- **5-door access control 4 of which are auxiliary.**

RoHS

WEEE

IP54

CE Certification

-10°C to +50°C

Recommended power supplies



- Dimensions (L x W x D): 388 x 160 x 54mm.
- Flush mount dimensions (L x W x D): 368 x 140 x 50mm.
- Surface mount housing dimensions (L x W x D): 396 x 167 x 81mm.
- Detection: of calls, return bell, line busy (call transfer).
- For set with voice frequencies.
- 1 analogue telephone line input (PSTN).
- Built-in microphone speaker.
- Programmable call duration.
- Optional: Gold finish.
- Input voltage: 12V dc.
- Consumptions:
 - TELACCESS = 350mA,
 - TELACCESSIP = 650mA.

CODE	REFERENCE	DESCRIPTION
F0401000046	TELACCESS	ALUMINIUM TELEPHONE PANEL 1000 NAMES
F0401000052	TELACCESSSV	ALUMINIUM TELEPHONE PANEL 1000 NAMES + VOCAL SYNTHESIS
F0401000047	TELACCESSIP	ALUMINIUM TELEPHONE PANEL 1000 NAMES WITH IP
F0401000049	TELACCESSDORE	GOLD-FINISH ALUMINIUM TELEPHONE PANEL 1000 NAMES
F0401000048	TELACCESSDOREIP	GOLD-FINISH ALUMINIUM TELEPHONE PANEL 1000 NAMES WITH IP
F0408000013	CATELACCESS	SURFACE MOUNT HOUSING FOR TELACCESS
F0408000017	CDTELACCESS	GOLD-FINISH SURFACE MOUNT HOUSING FOR TELACCESS
F0701000060	CONV232USB	RS232 - USB CONVERTER

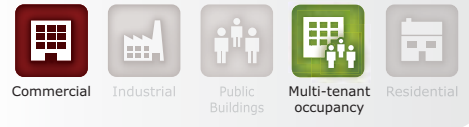
* Refer to Limited Lifetime Warranty Conditions.

Navy® TELACCESS

► SUPPLEMENTARY MODULES

INTBUSW

Reader controller - Wiegand



- **Wiegand protocol for communication with the multitechnology reading units (proximity, RF, Mifare®, etc.)**
- **Online or downgraded mode.**
- **2 relay outputs:**
 - locking system output,
 - alarm output.
- **Contacts:**
 - tag authorisation,
 - door open/closed monitoring.
- **Dimensions (L x W x D):** 146 x 100 x 40mm.
- Comes with a plastic box.
- RS485 bus (3 wires) for readers.
- 2 on-board inputs (REX and door contact).
- **Input voltage:**
 - 12V ac/dc,
 - 24V dc.
- **Consumptions:** 150mA.

RoHS

WEEE

CE certification

IP52

-20°C to +70°C

Recommended power supplies



CODE	REFERENCE	DESCRIPTION
F011300001	INTBUSW	READER CONTROLLER - WIEGAND

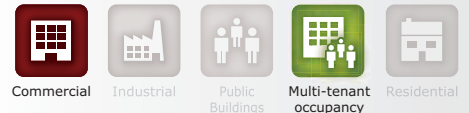
* Refer to Limited Lifetime Warranty Conditions.



Navy® TELACCESS

► SUPPLEMENTARY MODULES

C1410S Bell module



■ 10-Bell module for trades.

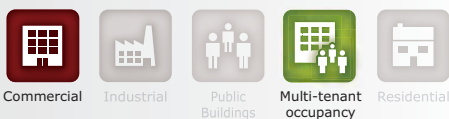
- Dimensions (L x W x D): 87 x 175 x 63mm.
- Connection to the RS485 bus (3 wires).
- Convenient, the controller can be connected anywhere on the comms bus (up to 1,200m).
- DIN RAIL modular box.
- 12V ac/dc power supply.
- Consumption: max. 300mA.



- RoHS
- WEEE
- CE Certification
- IP20
- 20°C to +55°C

CODE	REFERENCE	DESCRIPTION
F041000004	C1410S	OUTPUT BOARD MODULE - PARKING STATUS / 10-BELL MODULE

Lift controller C14DA



- **Ideal for lift management.**
- **14 on-board floor control relays.**
- **Max. 4 C14D/A per controller (max. 56 floors).**

- Dimensions (L x W x D): 87 x 175 x 63mm.
- Connection for 14 relays (NO) for floor control by screw terminal block.
- Connection to the RS485 bus (3 wires).
- Floors assigned by the software.
- Convenient, the controller can be connected anywhere on the comms bus (up to 1,200m).
- DIN RAIL modular box.
- 12V ac/dc power supply.
- Consumption: max. 300mA.



- RoHS
- WEEE
- CE certification
- IP20
- 20°C to +55°C



CODE	REFERENCE	DESCRIPTION
F0401000010	C14DA	14-RELAY LIFT CONTROLLER

* Refer to Limited Lifetime Warranty Conditions.

Navy® TELACCESS

► WIEGAND MULTI-PROTOCOL READER

NANO - STAR - SOLAR 125 kHz proximity Readers

ILLUMINATION STATUS



BLUE
STAND-BY



ORANGE
TAG READ



GREEN
ACCESS GRANTED



RED
ACCESS DENIED

Reflective
backlight



[A]
WHITE VERSION: NANOPW
BLACK VERSION: NANOPB



[B]
WHITE VERSION: STARPW
BLACK VERSION: STARPB

label
observeurdudesign11

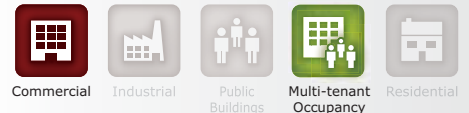


INTBUSW
Reader controller
Not supplied - See page 142.



RoHS
Environmental tests: vibrations
WEEE
IP53
CE Certification
Certified FCC CFR 47 Part 15 compliant
R&TTE Certification
-30°C to +70°C

* Refer to Limited Lifetime Warranty Conditions.



[D]
WHITE VERSION: SOLARKPW
BLACK VERSION: SOLARKPB



[C]
WHITE VERSION: SOLARPW
BLACK VERSION: SOLARPB



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the controller via the Wiegand bus interface (INTBUSW).
- High performance read range.
- Innovative design.
- Reflective backlit card reader.
- Audible and visual feedback.
- PCB sealed in epoxy.
- Polycarbonate.
- Easy to mount.
- Colours: White, black and grey**.
- Available in Mifare® technology (P. 57).

- Dimensions (L x W x D):
 - [A] = 70 x 43 x 23mm,
 - [B] = 130 x 41 x 28mm,
 - [C] and [D] = 130 x 90 x 35mm.
- Technologies:
 - Proximity 125 Khz,
 - Dual technology Digicode® + Proximity.
- Weights:
 - [A] = 100gr,
 - [B] = 200gr,
 - [C] and [D] = 300gr.
- Protocols:
 - [A] = MARIN,
 - [B], [C] and [D] = MARIN and H D.
- Input voltage: 12V dc.
- Consumption:
 - [A] = 100mA,
 - [B] = 120mA,
 - [C] and [D] = 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

CODE	REFERENCE	DESCRIPTION
F0101000066	NANOPW	125 KHZ WHITE NANO PROXIMITY READER
F0101000070	NANOPB	125 KHZ BLACK NANO PROXIMITY READER
F0101000064	STARPW	125 KHZ WHITE NARROW STYLE PROXIMITY READER
F0101000068	STARPB	125 KHZ BLACK NARROW STYLE PROXIMITY READER
F0101000065	SOLARPW	125 KHZ WHITE PROXIMITY READER
F0101000069	SOLARPB	125 KHZ BLACK PROXIMITY READER
F0101000072	SOLARKPW	125 KHZ WHITE DUAL-TECHNOLOGY DIGICODE®/PROXIMITY READER
F0101000074	SOLARKPB	125 KHZ BLACK DUAL-TECHNOLOGY DIGICODE®/PROXIMITY READER

* Refer to Limited Lifetime Warranty Conditions.
** On demand.

TELEPHONE ENTRY SYSTEMS

Navy® TELACCESS

► WIEGAND MULTI-PROTOCOL READER

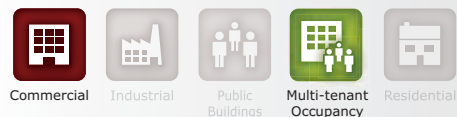
DGLIWLC - DGLIFWLC 125 kHz proximity reader



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the panel via the Wiegand bus interface (INTBUSW).
- PCB sealed in epoxy.
- Audible and visual feedback.
- Stainless steel.

- DGLI WLC (L x W x D): 76 x 97 x 20mm.
- DGLIF WLC (L x W x D): 140 x 35 x 21.5mm.
- Technology: 125 kHz.
- Multi card protocol reader.
- Surface mount (ideal on glass doors).
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.



PATENTED BREVETÉ

H.R.V.
HIGH RESISTANCE TO VANDALISM

RoHS

Environmental tests: vibrations

WEEE

IP53

CE CE certification

FC Certified FCC CFR 47 Part 15 compliant

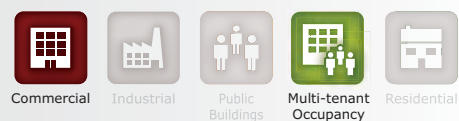
Ⓡ Certification R&TTE

Ⓕ -30°C to +70°C

CODE	REFERENCE	DESCRIPTION
F0101000054	DGLIWLC	STAINLESS-STEEL STANDARD PROXIMITY READER - DIGIPROX®
F0101000053	DGLIFWLC	STAINLESS-STEEL NARROW STYLE PROXIMITY READER - DIGIPROX®

125 kHz Stainless-steel flush-mount proximity reader

DGLIEWLC



RoHS

Environmental tests: vibrations

WEEE

Certification R&TTE

IP53

CE CE Certification

Ⓕ -30°C to +70°C

FC Certified FCC CFR 47 Part 15 compliant

PATENTED BREVETÉ

INOX

Recommended power supplies



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the panel via the Wiegand bus interface (INTBUSW).
- PCB sealed in epoxy.
- Audible and visual feedback.
- Stainless steel.

- DGLIEWLC (L x W x D): 110 x 110 x 47mm.
- Back box (L x W x D): 90 x 90 x 45mm.
- Technology: 125 kHz.
- Multi card protocol reader.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

H.R.V.
HIGH RESISTANCE TO VANDALISM



CODE	REFERENCE	DESCRIPTION
F0101000060	DGLIEWLC	STAINLESS-STEEL FLUSH-MOUNT PROXIMITY READER - DIGIPROX®

* Refer to Limited Lifetime Warranty Conditions.



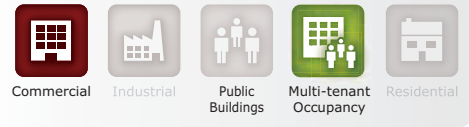
Navy® TELACCESS

► WIEGAND MULTI-PROTOCOL READER

DGLPTWLC 125 kHz polycarbonate proximity reader



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the panel via the Wiegand bus interface (INTBUSW).
- Mushroom type reader.
- Audible and visual feedback.
- Ideal for audio entry panels.
- Flush mount.
- Polycarbonate.



- Dimensions (H x Ø): 30.9 x 43.8mm.
- Flush mount dimensions (H x Ø): 20.9 x 25mm.
- PCB sealed in epoxy.
- Connection by 6/10 4-pair cable.
- Input voltage: 12V ac/dc.
- Consumption: 100mA.

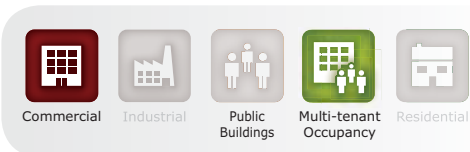
- RoHS
- Environmental tests: vibrations
- WEEE
- IP64
- CE Certification
- R&TTE certification
- 25°C to +55°C

INTBUSW
Reader controller
Not supplied - See page 142.

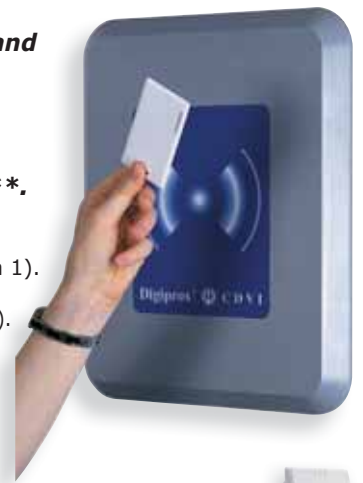
Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

CODE	REFERENCE	DESCRIPTION
F0101000058	DGLPTWLC	ROUND TYPE PROXIMITY READER - DIGIPROX®
F0701000067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

125 kHz hands-free proximity reader **DGLP60WLC**



- 26, 30 or 44 bits Wiegand outputs.
- Connection to the panel via the Wiegand bus interface (INTBUSW).
- Polycarbonate reader.
- Extra-flat.
- Surface mount.
- Reading distance from 30 to 60cm**.



- RoHS
- Environmental tests: vibrations
- WEEE
- IP53
- CE certification
- R&TTE certification
- 20°C to +55°C

Recommended power supplies

ARD12 BS60

- Dimensions (L x W x D): 400 x 325 x 25mm.
- Open collector outputs (Clock, Data 0 and Data 1).
- Reading distance: up to 30cm with tags (ref. PPC**) and up to 60cm with cards (ref. CPE**).
- Self-contained electronics.
- Audible and visual feedback.
- Input voltage: 12V dc.
- Consumption: 450mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

INTBUSW
Reader controller
Not supplied - See page 142.

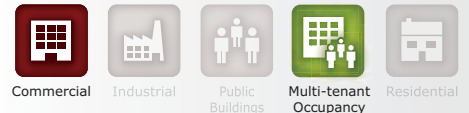
CODE	REFERENCE	DESCRIPTION
F0101000050	DGLP60WLC	HANDS-FREE READER - DIGIPROX®

* Refer to Limited Lifetime Warranty Conditions.
** This performance level is for an environment free from any electromagnetic disruptions.

Navy® TELACCESS

► WIEGAND DUAL-TECHNOLOGY READER

KCPROXWLC Digicode®/Proximity Dual-Technology reader



H.R.V.
HIGH RESISTANCE
TO VANDALISM
INOX



- **Dual technology:**
 - Proximity reader,
 - Digicode® keypad.
 - **Output format:** Wiegand.
 - **Connection to the panel via the Wiegand bus interface (INTBUSW).**
 - **Stainless steel.**
 - **Narrow:** Ideal for installation on aluminium profile.
 - **Backlit.**
 - **Recommended for activating and deactivating your alarm system.**
 - **Surface-mount.**
 - **Mounting with tampered Diax® screws.**
-
- Audible and visual feedback.
 - Dimensions (L x W x D): 190 x 43 x 27mm.
 - Input voltage: 12V dc.
 - Consumptions: 120mA.

- RoHS
- WEEE
- Environmental tests: vibrations
- R&TTE certification
- IP64
- CE certification
- 25°C to +70°C
- Certified FCC CFR 47 Part 15 compliant

**PATENTED
BREVETÉ**

 **INTBUSW**
Reader controller
Not supplied - See page 142.

CODE	REFERENCE	DESCRIPTION
F0103000102	KCPROXWLC	WIEGAND STAINLESS-STEEL DIGICODE®/PROXIMITY DUAL-TECHNOLOGY READER

* Refer to Limited Lifetime Warranty Conditions.



Navy® TELACCESS

► WIEGAND DIGICODE® - WIEGAND MIFARE® READER

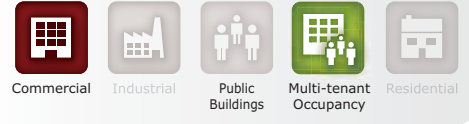
GALEOW Illuminated weatherproof Digicode® Keypad



INTBUSW
Reader controller
Not supplied - See page 142.

- **Output format:** Wiegand.
- **Connection to the panel via the Wiegand bus interface (INTBUSW).**
- **Backlit.**
- **Material: Cast aluminium.**
- **Audible and visual feedback.**
- **Surface mount.**
- **Compact and robust.**
- **Installation with Torx® screws**
- **Completely sealed (in epoxy).**

- Dimensions (L x W x D): 110 x 75 x 15mm.
- E2PROM permanent memory backup.
- Code length: 4, 5 or 6 digits.
- Input voltage: 12V dc.
- Consumption: max. 100mA.



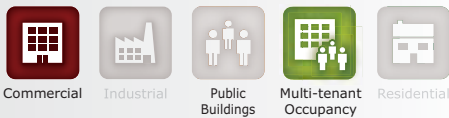
- RoHS
- Environmental tests: vibration
- WEEE
- IP64
- CE Certification
- 25°C to +70°C

Recommended power supplies

ARD12 BS60

CODE	REFERENCE	DESCRIPTION
F020100062	GALEOW	CAST ALUMINIUM DIGICODE® KEYPAD

13.56 MHz Mifare® reader **DGMW**



MIFARE®
ISO 14443A

- RoHS
- Environmental tests: vibration
- WEEE
- IP52
- CE Certification
- 10°C to +50°C

Recommended power supplies

ARD12 BS60

- **26 or 44 bits Wiegand outputs.**
- **Connection to the panel via the Wiegand bus interface (INTBUSW).**
- **MIFARE® proximity technology.**
- Dimensions:
 - DGMW (L x W x D) = 78 x 57 x 24mm,
 - DGMW reader (Ø x D) = Ø44 x 41mm.
- Input voltage: 12V ac/dc.
- Consumption: 300mA.



INTBUSW
Reader controller
Not supplied - See page 142.

CODE	REFERENCE	DESCRIPTION
F010100059	DGMW	ROUND TYPE MIFARE® READER
F070100067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

* Refer to Limited Lifetime Warranty Conditions.

Navy® TELACCESS

► WIEGAND MIFARE® READER



DGLIMWLC

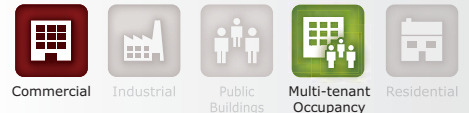
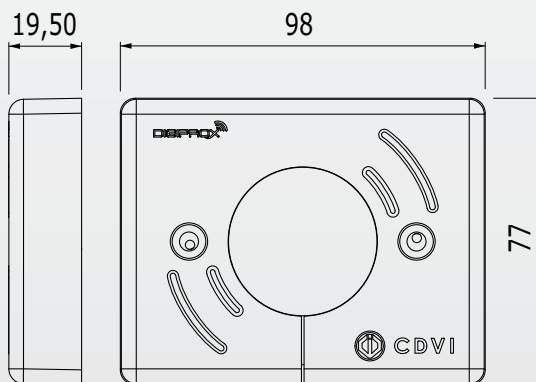
13,56 MHz Stainless-Steel reader

INOX

H.R.V.
HIGH RESISTANCE
TO VANDALISM



MIFARE® ISO 14443A



- **Standard Mifare® and Desfire®.**
- **26, 30 or 44 bits Wiegand outputs.**
- **Connection to the panel via the Wiegand bus interface (INTBUSW).**
- **Completely sealed (in epoxy).**
- **Audible and visual feedback.**
- **Surface-mount.**
- **Stainless steel reader.**

- Dimensions (L x W x D): 76 x 97 x 20mm.
- PCB sealed in epoxy.
- Audible and visual feedback.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

RoHS

 Environmental tests: vibrations

 WEEE

 R&TTE certification

 IP53

 CE certification

 -30°C to +70°C



INTBUSW
Reader controller
Not supplied - See page 142.

**PATENTED
BREVETÉ**

CODE	REFERENCE	DESCRIPTION
F010100063	DGLIMWLC	13.56 MHZ STAINLESS STEEL MIFARE® READER

* Refer to Limited Lifetime Warranty Conditions.



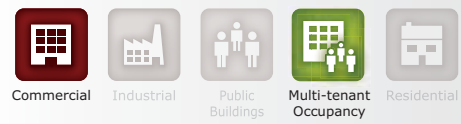
Navy® TELACCESS

► WIEGAND MIFARE® READER



SOLARMW - SOLARMB

13.56 MHz Mifare® Reader



- Standard Mifare® and Desfire®.
- 26, 30 or 44 bits Wiegand outputs.
- Connection to the panel via the Wiegand bus interface (INTBUSW).
- Innovative design.
- Reflective backlit card reader.
- Audible and visual feedback.
- PCB sealed in epoxy.
- Polycarbonate.
- Easy to mount.
- Colours: White, black and grey**.
- Available in 125 KHz proximity technology (Page 28).

- Dimensions (L x W x D): 130 x 90 x 35mm.
- Weight: 300gr.
- Input voltage: 12V dc.
- Consumption: 100mA.

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Complies with applicable EMC standards: EN 50133, EN 50130-4.

WHITE VERSION: SOLARMW
BLACK VERSION: SOLARMB

MIFARE®
ISO 14443A

ILLUMINATION STATUS



AS AWARDED BY THE CHICAGO ATHENAEUM: MUSEUM OF ARCHITECTURE AND DESIGN.

- RoHS
- Environmental tests: vibrations
- WEEE
- IP53
- CE certification
- Certified FCC CFR 47 Part 15 compliant
- R&TTE certification
- 30°C to +70°C

INTBUSW
Reader controller
Not supplied - See page 142.

CODE	REFERENCE	DESCRIPTION
F0101000067	SOLARMW	13.56 MHZ WHITE MIFARE® READER
F0101000071	SOLARMB	13.56 MHZ BLACK MIFARE® READER

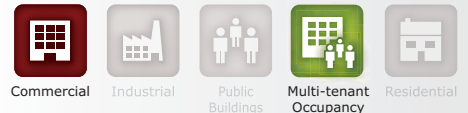
* Refer to Limited Lifetime Warranty Conditions.
** On demand.

Navy® TELACCESS

► WIEGAND BIOMETRIC READERS

DGIDW - CABAPROXW Fingerprint readers

Biometric systems in France must comply with the texts of the CNIL (www.cnil.fr)



DGIDW

- 26, 30 or 44 bits Wiegand outputs.
- Connection to the panel via the Wiegand bus interface (INTBUSW).
- Swipe finger method.
- Finger auto detection.
- Self-cleaning sensor.
- Resolution 500 dpi (Standard FBI).
- Choice of one or several fingers during registration).
- Audible and visual feedback.
- Encrypted communication with the PC.

CNIL
UNIQUE AUTHORIZATION
N°AU-008



CABAPROXW

- Open collector outputs (Clock, Data 0 and Data 1).
- 1 tamper switch on the front panel.
- Input voltage:
 - CABAPROXW = 12V dc.
 - DGIDW = 12V dc.

Specific features of the DGIDW

- Dimensions (L x W x D): 120 x 120 x 61mm.
- Flush mount (L x W x D): 95 x 90 x 45mm.
- Memorises up to 400 fingerprints.
- Delivered with software on CD-ROM.
- Consumption: 300mA.

Specific features of the CABAPROXW

- Dimensions (L x W x D): 200 x 120 x 61mm.
- Back box (L x W x D): 170 x 95 x 45mm.
- Unlimited number of fingerprints.
- Fingerprint encrypted and stored on the card or tag.
- Biometric and Mifare® reader.
- Consumption: 450mA.

USBSCANNER



PCMB
Free software + USB SCANNER
included (see details page 104)

PCMB

RoHS

WEEE

R&TTE certification

CE certification

-10°C to +70°C

IP53

Recommended power supplies



ARD12

BS60

Complies with European R&TTE directive 99/5/EC and harmonised standards: ETS 301 489 and ETS 300-330-1-Ed 2001. Compliant with applicable EMC standards: EN 50133, EN 50130-4.



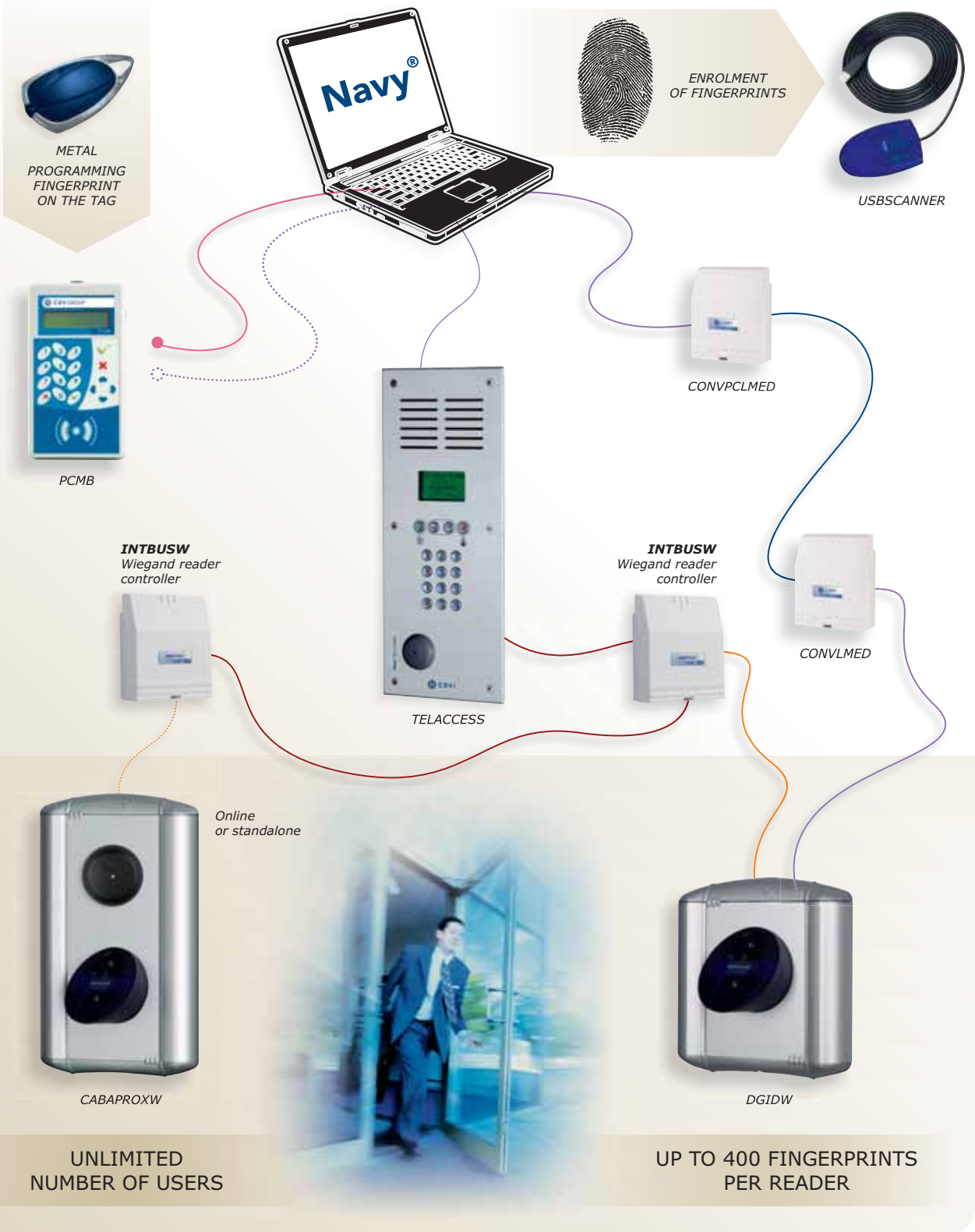
INTBUSW
Reader controller
Not supplied - See page 142.

CODE	REFERENCE	DESCRIPTION
F010600004	DGIDW	WIEGAND STANDALONE FINGERPRINT READER - BERGDATA®
F010600013	CABAPROXW	WIEGAND BIOMETRIC READER + MIFARE® TAG - BERGDATA®
F0203000071	CA1C	SURFACE MOUNT HOUSING FOR CABAPROXW - BERGDATA®
F0203000083	CA3C	SURFACE MOUNT HOUSING FOR DGIDW - BERGDATA®
F0106000011	PCMB	MIFARE® TAG PROGRAMMER FOR CABAPROX - BERGDATA®
F0109000011	CONVLMED	BIOMETRIC CONVERTER
F0109000010	CONVPCLMED	FINGERPRINT PC CONVERTER
F0111000046	CAA360USBR5	RS485 TO USB CONVERTER MODULE

* Refer to Limited Lifetime Warranty Conditions.



Navy®

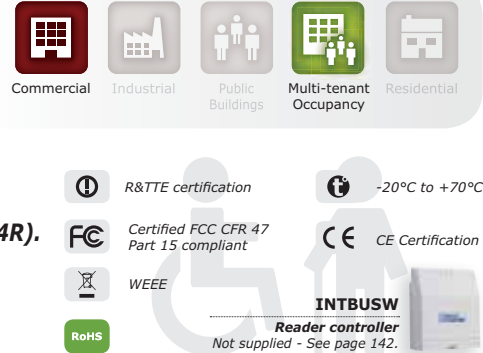


TELEPHONE ENTRY SYSTEMS

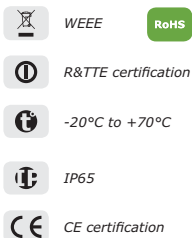
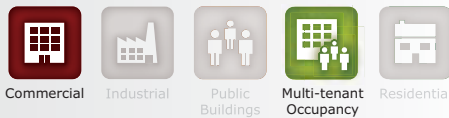
* Refer to Limited Lifetime Warranty Conditions.

Navy® TELACCESS
► WIEGAND LONG-RANGE READER - WIEGAND RF RECEIVER
DTRR1434 Long range reader + active card


- **26 bits Wiegand output.**
- **Connection to the panel via the Wiegand bus interface (INTBUSW).**
- **Adjustable range: Up to 15m.**
- **Simultaneous reading of 20 tags max.**
- **Frequency: 433.92 MHz.**
- **Built-in antenna.**
- **Audible and visual feedback.**
- **Available in stand-alone version (DTRR1434R).**
- Dimensions (L x W x D): 90 x 60 x 22mm.
- Sensitivity: -102dBm.
- Input voltage: 12-30V dc.
- Consumption: 40mA.



CODE	REFERENCE	DESCRIPTION
F010300087	DTRR1434	LONG-RANGE READER
F0103000105	DTXT5434M	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR
F0103000106	DTXT5434	LONG-RANGE ACTIVE CARD
F0103000110	DTXT5434MP	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR + PROXIMITY 125 KHZ
F0103000112	DTXT5434P	LONG-RANGE ACTIVE CARD + PROXIMITY 125 KHZ
F0103000111	DTXT5434MMI	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR + MIFARE® 13,56 MHZ
F0103000113	DTXT5434MI	LONG RANGE ACTIVE MIFARE CARD 13.56MHZ
F0103000108	CLIPDIGITAGLR	ACTIVE CARD SUPPORT

Wiegand Radio External Receiver SELW2630MF


- **26 or 30 bits Wiegand outputs.**
- **Fit for external installation (IP65).**
- **Connection to the panel via the Wiegand bus interface (INTBUSW).**
- **RF receiver.**
- **Optional: tuned adjustable antenna (SEA433).**
- **Frequencies: 433 ou 868,30 Mhz.**
- **Range up to 100m with open field.**

- Dimensions (L x W x D): 128 x 128 x 57mm.
- Surface mount.
- Security code: Keeloq® Rolling code.
- Modulation: AM/ASK.
- Input voltage: 12/24V ac/dc.
- Consumption: 24mA.



CODE	REFERENCE	DESCRIPTION
F1001000067	SELW2630MF	WIEGAND 433 MHZ RF RECEIVER
F0103000029	SEA433	433 MHZ TUNED ADJUSTABLE ANTENNA

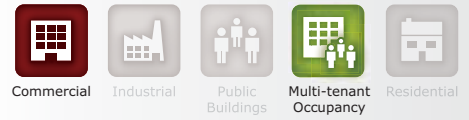
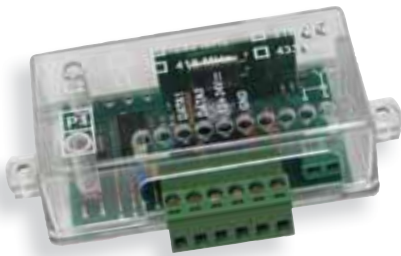
* Refer to Limited Lifetime Warranty Conditions.



Navy® TELACCESS

► WIEGAND RF READER - ENROLMENT UNIT

RECEPTW Wiegand RF Internal Receiver



- 26 or 30 bits Wiegand outputs.
- Connection to the panel via the Wiegand bus interface (INTBUSW).
- RF receiver.
- Optional: tuned adjustable antenna (SEA433).
- 1 channel, Rolling Codes, 433 MHz.
- Range up to 100m with open field.

- Dimensions (L x W x D): 105 x 45 x 28mm.
- ABS box.
- Surface mount.
- Input voltage: 12V ac/dc.
- Consumption: 100mA.

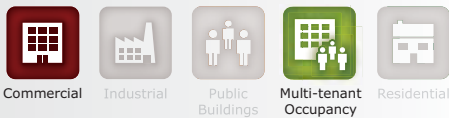


- RoHS
- WEEE
- IP30
- CE Certification
- 20°C to +70°C

INTBUSW
Reader controller
Not supplied - See page 142.

CODE	REFERENCE	DESCRIPTION
F0103000069	RECEPTW	WIEGAND 433 MHZ RF RECEIVER
F0103000029	SEA433	433 MHZ TUNED ADJUSTABLE ANTENNA

Desktop enrolment unit **CMPP**



- Enrolment unit for cards, tags and remote transmitters
- EM 125 KHz Proximity module included.
- Avoid entering tags and remote transmitter numbers manually.
- Plug-on modules: RF, Mifare®.
- USB connection.

- Dimensions (L x W x D):
 - CMPP = 180 x 100 x 40mm,
 - MR = 60 x 28 x 20mm,
 - MPM = 61 x 41 x 18mm.
- Can be used with all CDVI controllers.
- The CMPP is a "take-on" reader to assist in programming and identifying cards and tags.



- RoHS
- WEEE
- CE Certification
- R&TTE Certification
- 0°C to +50°C

CODE	REFERENCE	DESCRIPTION
F0103000011	CMPP	DESKTOP ENROLMENT UNIT WITH PROXIMITY CARD MODULE
F0103000037	MR	RF MODULE
F0103000092	MPM	MIFARE® MODULE

* Refer to Limited Lifetime Warranty Conditions.

Navy® TELACCESS
► PROXIMITY CARDS & TAGS
METAL1 - PPCG - PPCB - PP - BP 125 kHz proximity tags

- **Polycarbonate.**
- **Key fob.**
- **Colour:** Grey (Available in blue - Ref PPCB).

- **Dimensions (L x W x D):** 42 x 28 x 5mm.



- **Leather.**
- **Key fob.**
- **Material:** Leather.
- **Dimensions (L x W x D):** Ø 45 mm.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential

- **Polycarbonate.**
- **Key fob.**

- **Material:** Polycarbonate.
- **Dimensions (L x W x D):** 52 x 23 x 5mm.

- **Metal.**
- **Sealed.**
- **Resistant.**
- **Key fob.**
- **Optional:** Engraving.

- **Material:** Metal & polycarbonate.
- **Dimensions (L x W x D):** 60 x 30 x 7mm.



METAL1

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0104000041	METAL1	METAL 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®
F0104000045	METAL1LASER1F	CUSTOMISABLE ENGRAVING FOR METAL1 TAG
F0104000003	BP	LEATHER 125 KHZ PROXIMITY TAG WITH KEY FOB - DIGITAG®
F0104000004	PP	POLYCARBONATE 125 KHZ PROXIMITY TAG WITH KEY FOB - DIGITAG®
F0104000035	PPCG	GREY POLYCARBONATE 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®
F0104000025	PPCB	BLUE POLYCARBONATE 125 KHZ PROXIMITY TAG + KEY FOB - DIGITAG®

 125 kHz proximity cards **CP - CPE - CP2**


Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



- **PVC.**
- **Key fob.**
- **Thickness:** 1,8mm.

- **Dimensions (L x W x D):** 85 x 54 x 10,8mm

CPE



- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customisable printing.

- **Dimensions (L x W x D):** 85 x 54 x 0,8mm

CP



- **PVC.**
- **Thickness:** 0,8mm.
- **Optional:** Black & white or colour customisable printing.

- **Dimensions (L x W x D):** 85 x 54 x 0,8mm

CP2

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0104000001	CP	ISO 0.8-MM 125 KHZ PROXIMITY CARD - DIGITAG®
F0104000002	CPE	1.8-MM THICK 125 KHZ PROXIMITY CARD - DIGITAG®
F0104000008	CP2	125 KHZ MAGNETIC PROXIMITY CARD - DIGITAG®
F0104000011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F0104000029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

* Refer to Limited Lifetime Warranty Conditions.



Navy® TELACCESS

METAL - BV - BMB Mifare® card and tags, 13.56 MHz

- **PVC.**
- **Thickness: 0,8mm.**
- **Optional: Black & white or colour customisable printing.**
- **Dimensions (L x W x D):**
85 x 54 x 0,8mm



BV



BMB

- **Polycarbonate.**
- **Key fob.**
- **Reinforced with a metal ring.**

- **Material: Polycarbonate.**
- **Dimensions (L x W x D):**
52 x 23 x 5mm.



METAL

- **Metal.**
- **Sealed.**
- **Resistant.**
- **Key fob.**
- **Optional: Engraving.**

- **Material: Metal & polycarbonate.**
- **Dimensions (L x W x D):**
60 x 30 x 7mm.



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential

RoHS



WEEE



CE Certification

CODE	REFERENCE	DESCRIPTION
F010800033	METAL	METAL 125 KHZ MIFARE® TAG + KEY FOB - DIGITAG®
F010800034	METALSPLASER1F	CUSTOMISABLE ENGRAVING FOR METAL TAG
F010800006	BV	ISO CARD - MIFARE® 13.56 MHZ
F010600012	BMB	POLYCARBONATE TAG - MIFARE® 13.56 MHZ
F010400011	IMPCP	BLACK & WHITE CUSTOMISABLE PRINTING
F010400029	IMPCPQUADRI	COLOUR CUSTOMISABLE PRINTING

RF Transmitter + Proximity or Mifare®

ER - ERP - ERV



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential

RoHS



WEEE



-10°C to +55°C



Certified FCC CFR 47 Part 15 compliant



R&TTE Certification



CE certification

Technologies:

- RF (ER),
- RF + Proximity (ERP),
- RF + Mifare® (ERV).

Frequencies:

- RF = 433.92 MHz (ER - ERP - ERV),
- Proximity = 125 kHz (ERP),
- Mifare® = 13.56 MHz (ERV).

4 channels.

- Dimensions (L x W x D): 72 x 42 x 13mm.
- Transmission: 100m with open field.
- Weight: 12g.
- Consumption: 15mA.
- Input voltage: 3V cell (type CR 2032).



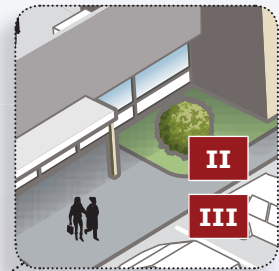
CODE	REFERENCE	DESCRIPTION
F010400030	ER	4-CHANNEL RF TRANSMITTER
F010400031	ERP	4-CHANNEL RF TRANSMITTER + PROXIMITY 125 KHZ
F010400032	ERV	4-CHANNEL RF TRANSMITTER + MIFARE® 13.56 MHZ

* Refer to Limited Lifetime Warranty Conditions.

TEL9000 AUDIO ENTRY SYSTEM WITH KEYPAD VIA PABX

- 100 extension telephone numbers.
- Surface mount (TEL9000) or flush mount (TEL9000E).
- PABX network.
- Stainless-steel.
- 2 operating modes for day/night calls.
- 3 relays (main gate, camera, gates, etc.).
- Low cost solution.
- Easy to install.

Navy[®]



Example:



Industrial

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



Navy®

Navy® TEL9000

► CREATE YOUR SYSTEM TO ORDER IN 3 STEPS

I ► CORE SYSTEM



The panel

The TEL9000 is a telephone entry system with Digicode® keypad.

► P. 161



II ► POWER SUPPLY



Power supplies

Essential for powering the locking of your accesses, readers, and Digicode® keypads, CDVI provides power supplies that are suitable for all configurations.

► P. 268



III ► DOOR COMPONENTS



Locking devices

CDVI offers a wide range of locking devices for optimising the security of your site (strikes, electromagnetic lock, architectural housings, solenoid bolt locks, motorised locks).

► P. 212



Accessories

To optimise the installation of these products, CDVI offers installation accessories to optimise the security of your sites.

► P. 290

TELEPHONE ENTRY SYSTEMS

* Refer to Limited Lifetime Warranty Conditions.

Navy®

► A COMPLETE AUDIO ENTRY SOLUTION VIA TELEPHONE LINE

I CORE SYSTEM



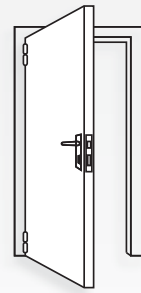
TEL9000
SURFACE MOUNT TELEPHONE ENTRY DIGICODE®

II POWER SUPPLY



BS60
POWER SUPPLY

III DOOR COMPONENTS



**Power supplies
Accessories
Locking devices**

Navy® TEL9000

► SYSTEM BLOCK DIAGRAM



* Refer to Limited Lifetime Warranty Conditions.



Navy® TEL9000

▶ AUDIO ENTRY SYSTEM

TEL9000 Audio entry system with keypad via PABX

H.R.V.
HIGH RESISTANCE
TO VANDALISM

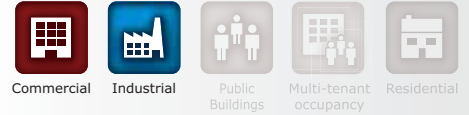
INOX



TEL9000



TEL9000E



- **Surface mount (TEL9000) or flush mount (TEL9000E).**
- **Connection to private automated branch exchange (PABX).**
- **Stainless steel**
- **2 operating modes:**
 - **Digicode® keypad,**
 - **Telephone entry system.**
- **3 relays (main gate, camera, gates, etc.)**
- **Quick, inexpensive installation.**
- **Supplied Microphone speaker.**

- Panel dimensions (L x W x D):
 - TEL9000E = 230 x 140 x 4mm,
 - TEL9000 = 200 x 120 x 40mm.
- Flush mount dimensions (L x W x D):
TEL9000E = 210 X 120 X 50mm.
- Operated by voice frequency (DTMF).
- Only uses 1 analogue line of the PABX.
- 100 access codes.
- Stainless steel.
- 2 request-to-exit inputs.
- Management of a gate by adding a MHPT.
- Programming via the keypad.
- Direct call to a security guard via the exit push button.
- Input voltage: 12V ac or 18V dc.
- Consumption: 250mA.

RoHS

WEEE

IP53

CE certification

-30°C to +70°C

Recommended power supplies



ARD12

BS60

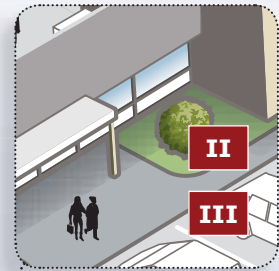
CODE	REFERENCE	DESCRIPTION
F0401000023	TEL9000	SURFACE MOUNT DIGITAL TELEPHONE PANEL
F0401000034	TEL9000E	FLUSH MOUNT DIGITAL TELEPHONE PANEL
F0402000029	CIR	SURFACE MOUNT NAME-HOLDER HOUSING
F0402000030	CIRE	FLUSH MOUNT NAME-HOLDER HOUSING

* Refer to Limited Lifetime Warranty Conditions.

CIP12DR

AUDIO ENTRY SYSTEM VIA TELEPHONE LINE - 12 TELEPHONE NUMBERS

- **Capacity for 12 telephone numbers.**
- **Compatible to analogue or to PABX line.**
- **1 day and night telephone number per button.**
- **3 relays.**
- **For STANDARD street panels.**

Navy®

Example:

Multi-tenant
occupancy

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



Navy®

Navy® CIP12DR

► SYSTEM BLOCK DIAGRAM

I

► CORE SYSTEM



Telephone Entry System

The CIP12DR is a PSTN based system that can dial-up to 12 different telephone numbers.

► P. 164

II

► STANDARD PANEL



Standard panel

Stainless steel panel to integrate the MHPT microphone speaker and initiate a call with the push button.

► P. 165

III

► DOOR COMPONENTS



Locking devices

CDVI offers a wide range of locking devices for optimising the security of your site (strikes, electromagnetic lock, architectural housings, solenoid bolt locks, motorised locks).

► P. 212

Navy® CIP12DR

► SYSTEM BLOCK DIAGRAM

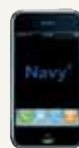
TELEPHONE N°1



TELEPHONE N°2



TELEPHONE N°3



UP TO 12 TELEPHONES

INTERNAL ANALOGUE LINE
(AUTOMATIC SWITCHBOARD)



CIP12DR



MHPT



PA4



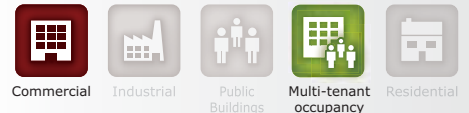
■ Telephone Line
■ Standard cables

* Refer to Limited Lifetime Warranty Conditions.

Navy® CIP12DR

▶ A SIMPLE AND EFFECTIVE AUDIO ENTRY SOLUTION VIA TELEPHONE LINE

CIP12DR Telephone entry system - 12 user controller



- Telephone interface operating with standard entry panel.
- Capacity for 12 call numbers.
- Compatible to analogue or to PABX line.
- Selection of one call number, day and night, per button.
- 3 relays.

- Dimensions (L x W x D): 220 x 170 x 50mm.
- Programming via telephone set.
- Day/night switching by switch or by programming.
- Operates in tone mode (DTMF).
- 15-Digit telephone number.
- Interface programming via telephone set.
- Options:
 - STANDARD panels with 1 to 12 buttons.
 - Microphone speaker for STANDARD panels,
 - PEPL label-holder for STANDARD panels.
- Power supplies: 12V ac or 18V dc.
- Consumptions:
 - 280mA with 3 relays,
 - 200mA with 2 relays.

RoHS

WEEE

IP42

CE Certification

-10°C to +55°C

Recommended power supplies



CODE	REFERENCE	DESCRIPTION
F0401000025	CIP12DR	12-DIRECTION PABX COMMUNICATION INTERFACE CARD
F0404000001	PA1	STANDARD 1-BUTTON ALUMINIUM DOOR PANEL
F0404000002	PA2	STANDARD 2-BUTTON ALUMINIUM DOOR PANEL
F0404000003	PA3	STANDARD 3-BUTTON ALUMINIUM DOOR PANEL
F0404000004	PA4	STANDARD 4-BUTTON ALUMINIUM DOOR PANEL
F0404000005	PA5	STANDARD 5-BUTTON ALUMINIUM DOOR PANEL
F0402000025	PEPL	LABEL HOLDER
F0407000002	MHPT	MICROPHONE SPEAKER

* Refer to Limited Lifetime Warranty Conditions.



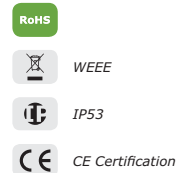
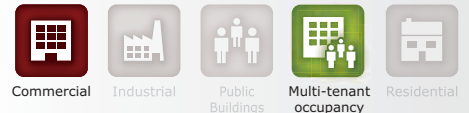
Navy® STANDARD AUDIO ENTRY PANEL

▶ ALUMINIUM – WITH 1 TO 5 BUTTONS

PA Aluminium audio entry panel - 1 to 5 call buttons

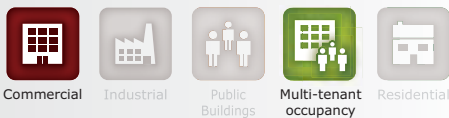


- Panel dimensions (L x W x D):
 - PA1 & PA2 = 220 x 120 x 50mm,
 - PA3, PA4 & PA5 = 305 x 120 x 50mm.
- Flush mount of the panels (L x W x D):
 - PA1 & PA2 = 190 x 94 x 50mm,
 - PA3, PA4 & PA5 = 275 x 94 x 50mm.
- Dimensions of the surface mount housings (L x W x D):
 - CPA1 = 227 x 127 x 70mm (PA1 & PA2),
 - CPA2 = 312 x 127 x 70mm (PA3, PA4 & PA5).
- Flush mount.
- Secured with Diax® screws.
- Polycarbonate name holder.
- Grill protection for microphone speaker.
- Options: CMS intercom handset and microphone speaker.



CODE	REFERENCE	DESCRIPTION
F0404000001	PA1	ALUMINIUM PANEL WITH 1 PUSH BUTTON
F0404000002	PA2	ALUMINIUM PANEL WITH 2 PUSH BUTTON
F0404000003	PA3	ALUMINIUM PANEL WITH 3 PUSH BUTTON
F0404000004	PA4	ALUMINIUM PANEL WITH 4 PUSH BUTTON
F0404000005	PA5	ALUMINIUM PANEL WITH 5 PUSH BUTTON
F0207000022	CPA1	ALUMINIUM SURFACE MOUNT HOUSING FOR PA1 AND PA2
F0207000002	CPA2	ALUMINIUM SURFACE MOUNT HOUSING FOR PA3, PA4 AND PA5
F0402000025	PEPL	LABEL HOLDER

Microphone speaker MHPT



- **Compact.**
- **With ring function.**

- Dimensions (L x W x D): 90 x 55 x 24mm.
- 4 common wires + 1 call wire per apartment.
- Power supply with opening relay with timer.
- Consumption:
 - 170mA during call,
 - Max. 80mA during conversation,
 - 15mA in standby.



CODE	REFERENCE	DESCRIPTION
F0407000002	MHPT	MICROPHONE SPEAKER

* Refer to Limited Lifetime Warranty Conditions.

DIGI Way® 

MAKE YOUR ACCESS EASIER





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



1] DOOR AUTOMATION

- **DWPS10** DOOR AUTOMATION FOR SINGLE DOOR P. 170
- **DWPD10** DOOR AUTOMATION FOR DOUBLE DOOR P. 170

2] COMPLEMENTARY PRODUCTS ADAPTED FOR PERSONS WITH REDUCED MOBILITY

- **DIGITAGLR** LONG RANGE READER + ACTIVE CARD P. 172
- **BNONFCHOC** DOMED EXIT BUTTON P. 173

3] DIGIWAY ACCESSORIES

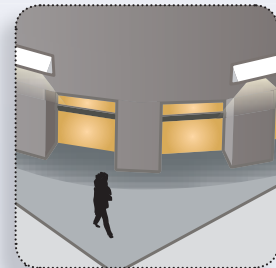
- **ENAPD** 3-POSITION KEY SWITCH P. 174
- **DWSE** GEAR MOTOR SHAFT EXTENSION P. 174
- **DWPCS** INTERCONNECTION CABLE FOR DOUBLE DOORS..... P. 174
- **DWD1000/DWHR10002/DWSSS1** ENTRY/EXIT DETECTOR & SAFETY SENSORS P. 175

* Refer to Limited Lifetime Warranty Conditions.



DOOR AUTOMATION

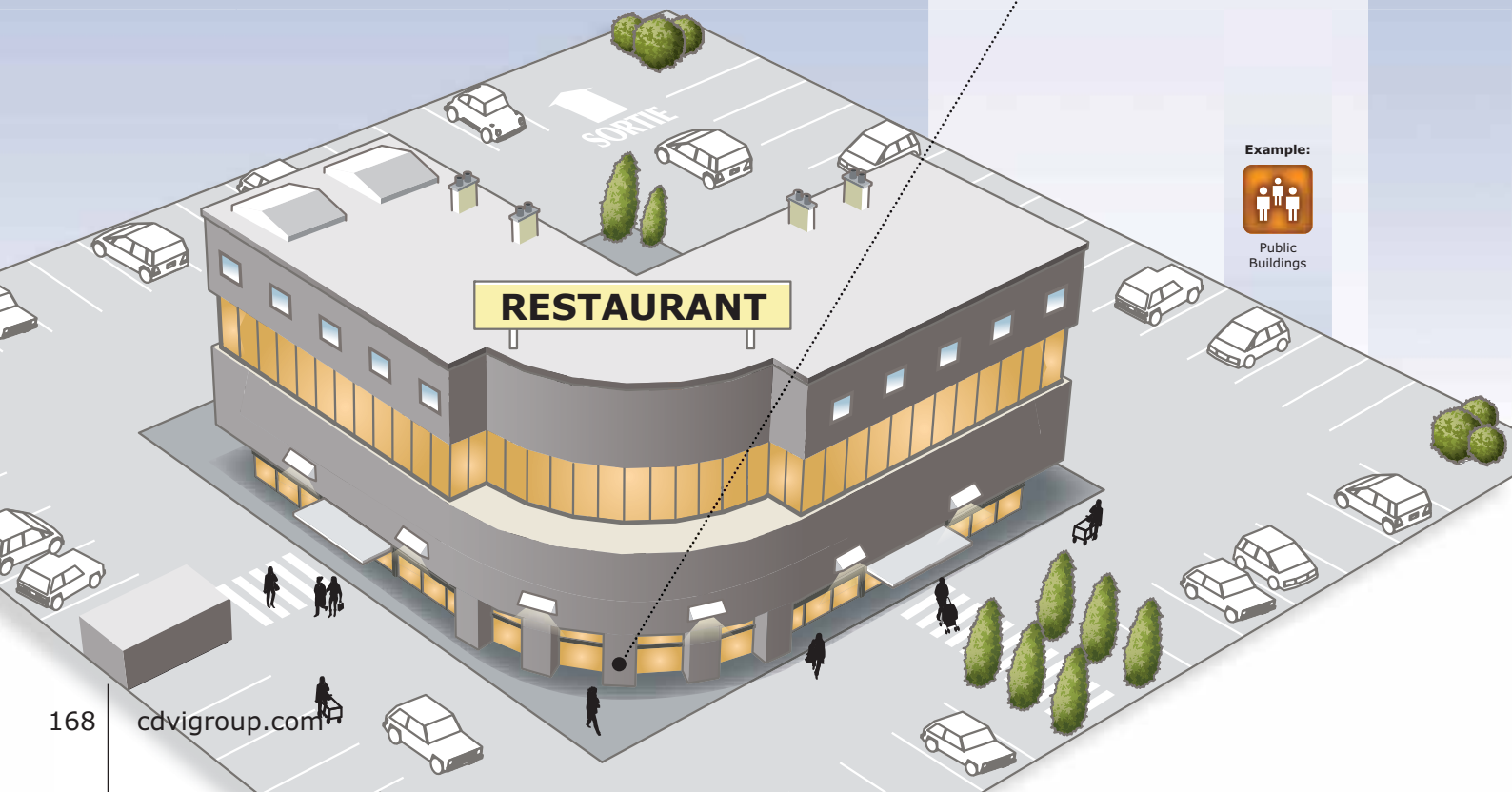
- Programming via remote transmitter.
- LCD display + 5 buttons for easy programming.
- Fire alarm input.
- N.O. relay contact for door open indication.
- Dynamic pause time adjustment.
- Fast: Opening/closing in 3 seconds.
- Door weight up to 120kg.
- Wind stop.
- Push & Go function.
- Adjustable open/pause/close time.
- Visual feedback.
- Day/night selection.
- Operating modes: Manual, automatic, held open.
- Built-in RF receiver (RF remote transmitter included).
- Self-learning setup.
- Obstacle detection.
- Automatic functions with wireless commands.
- Operates with 230V ac or 16Vac.
- Built-in battery for back-up.



Example:



Public Buildings





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



DOOR AUTOMATION

► CREATE YOUR SYSTEM TO ORDER IN 3 STEPS

I

► CORE SYSTEM



Digiway is a door automation range. These products can be used as a stand-alone unit or with online access control systems (Ex: TERENA). These door operators can be fitted on existing doors, inward or outward, single leaf door or double leaf door, with a door weight up to 120kg.

► P. 170

II

► ACCESSORIES



CDVI has developed a complete range of accessories (Exit push buttons, sensors, etc...) in order to optimise your site.

► P. 175

III

► DOOR COMPONENTS



Locking devices

CDVI has a wide range of locking systems and installation accessories that can optimise the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

► P. 212



INSTALLATION CONFIGURATION

► STAND-ALONE OR WITH CENTRALIZED SYSTEM (EXAMPLE: TERENA)



* Refer to Limited Lifetime Warranty Conditions.



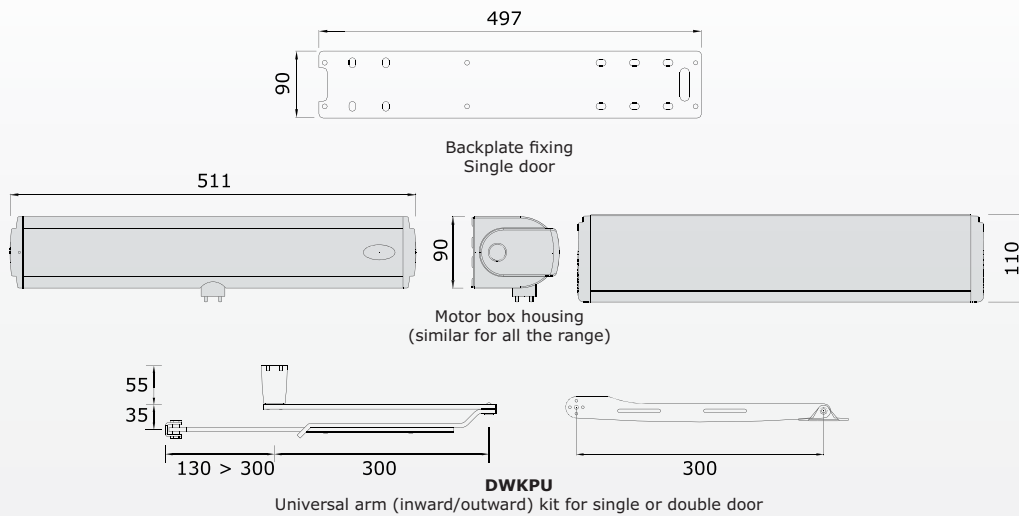
DOOR AUTOMATION

► SYSTEMS SUITABLE FOR ALL YOUR CONFIGURATIONS

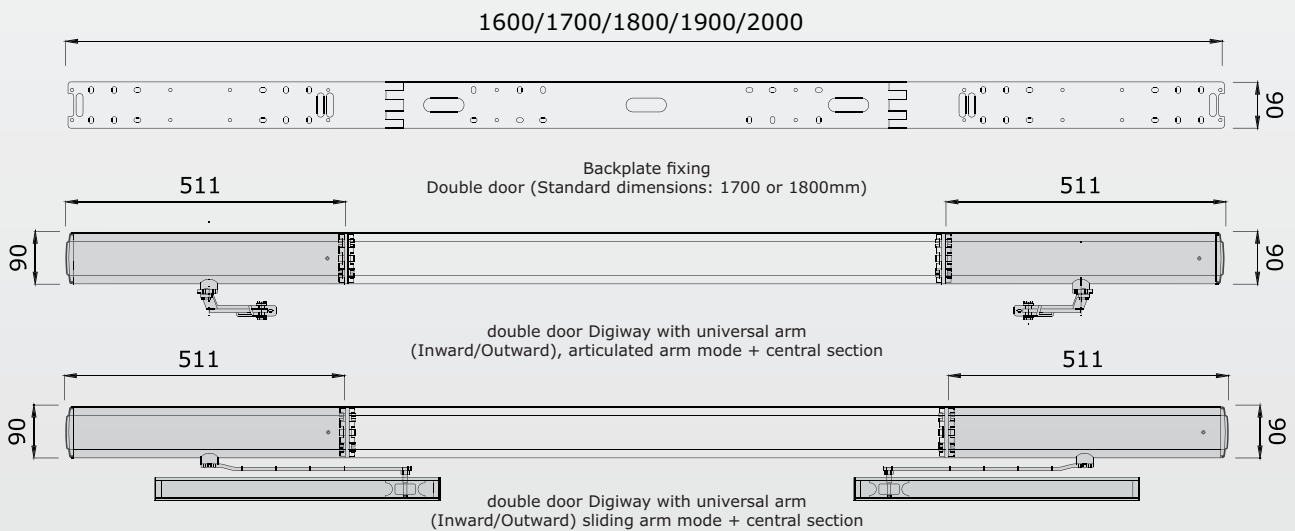


DWPS10 - DWPD10 Door Automation

SINGLE DOOR

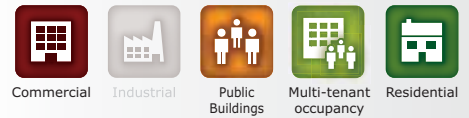


DOUBLE DOOR



The products of the Digiway range have been adapted to the new regulations on assistance for persons with reduced mobility.

* Refer to Limited Lifetime Warranty Conditions.



- **Universal arm (Inward/outward).**
- **Multilingual LCD display.**
- **Accepts fire alarm input.**
- **N/O output for door status.**
- **Dynamic pause time adjustment.**
- **Indoor mounting.**
- **Programming tag supplied.**
- **Suitable for existing doors:**
 - inward or outward opening,
 - with «fail safe» or «fail secure» locking,
 - right or left handed.
- **Double-door kit:**
 - 1600**, 1700, 1800, 1900** or 2000 mm** backplate fixing,
 - Central section,
 - DWPCS cable.
- **Fast operation:** Opening/closing in 3 seconds.
- **Up to 120 Kg door weight.**
- **Maximum door width:** 1200mm.
- **Wind stop function.**
- **Push & Go function.**
- **Adjustable opening, pause and closing times.**
- **Visual feedback.**
- **Day/night selection.**
- **Operating modes:** Door Free, Automatic, Held open.
- **Built-in RF receiver.**
- **Self learning set-up and reset.**
- **Obstacle detection (adjustable cycles).**
- **Automatic operation by wireless commands.**
- **Built-in battery back-up:** 12V dc 1.3Ah.



Universal Arm
(Inward/Outward)

- **Inputs:**
 - Reopening photocell (NC),
 - Stopping photocell (NC),
 - Lock status (NO),
 - Free door (NO),
 - Night sensor & Day sensor (NO),
 - Day/night selection (NO),
 - Opening/closing (NO).
- **Outputs:**
 - Accessories power, 13.5Vdc (500mA),
 - Lock control (C-NO-NC),
 - Lock power, 12Vdc, 1A.
- **Management of remote controls.**
- **1 or 2 doors synchronization.**
- **Adjustable sensor mode.**
- **Opening jolt fully adjustable.**
- **Door open output relay.**
- **Free firmware upgrade.**
- **Weight of the motor casing: 5 Kg.**
- **Opening/closing times: 3 to 90 sec.**
- **Transmitter security protocol: Keeloq® Hopping Code.**
- **Receiver memory: 50 transmitters.**
- **Modulation of the on-board receiver: AM.**
- **Sensitivity of the on-board receiver: -115dBm.**
- **Input voltage: 230V ac- 50 Hz or 16V ac.**

INCLUDED



S2TR2641E4
RF Programming Transmitter
4 channel + wall holder

- RoHS
- WEEE
- CE Certification
- IP40
- 10°C to +55°C
- Certified FCC CFR 47 Part 15 compliant

CODE	REFERENCE	DESCRIPTION
F0543000095	DWPS102U	SINGLE DOOR AUTOMATION WITH UNIVERSAL ARM - 230V AC - 120KG
F0543000126	DWPD102U17CD	1700MM DOUBLE DOOR AUTOMATION WITH UNIVERSAL ARM - 230V AC - 120KG
F0543000127	DWPD102U18CD	1800MM DOUBLE DOOR AUTOMATION WITH UNIVERSAL ARM - 230V AC - 120KG
F0543000110	DWPS106U	SINGLE DOOR AUTOMATION WITH UNIVERSAL ARM - 16V AC - 120KG
F0543000130	DWPD106U17CD	1700MM DOUBLE DOOR AUTOMATION WITH UNIVERSAL ARM - 16V AC - 120KG
F0543000131	DWPD106U18CD	1800MM DOUBLE DOOR AUTOMATION WITH UNIVERSAL ARM - 16V AC - 120KG
F0543000122	DWKPU	UNIVERSAL ARM KIT
F0104000030	ER	4-CHANNEL RF TRANSMITTER

* Refer to Limited Lifetime Warranty Conditions.
** On request.



ACCESSORIES

▶ ADAPTED TO REGULATIONS ON ASSISTANCE FOR PERSONS WITH REDUCED MOBILITY

DTRR1434R Long range reader + active card



DTRR1434R
Long-range reader



Card battery replaceable
ENVIRONMENT FRIENDLY



This range of exit push buttons is adapted to the new regulations on assistance for persons with reduced mobility



DTXT5434
Active card



CLIPDIGITAGLR



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

DTRR1434R STAND-ALONE READER

- **Adjustable range:** Up to 15m.
- **Simultaneous reading of 20 tags maximum.**
- **Frequency:** 433.92 MHz.
- **Built-in antenna.**
- **Audible and visual feedback.**
- **Available in versions:**
 - Wiegand 26 bits (Ref: DTRR1434),
 - Dual-technology RF + Proximity or RF + Mifare®.

- Dimensions (L x W x D): 90 x 60 x 22mm.
- Sensitivity: -102dBm.
- Input voltage: 12-30V dc.
- Consumption: 40mA.

DTXT5434 ACTIVE CARDS

- **Frequency:** 433.92 MHz.
- **Modulation:** FSK,
- **Removable CR2032 lithium battery.**
- **Motion sensor activation:** DTXT5434M, DTXT5434MP and DTXT5434MMI.
- **Dual-technologies:**
 - RF/Proximity (DTXT5434P, DTXT5434MP),
 - RF/Mifare® (DTXT5434MI, DTXT5434MMI).
- **Option:** card holder (CLIPDIGITAGLR).

- Dimensions (L x W x D): 86 x 54 x 7mm,
- Weight: 28 g,
- Effective radiated power: from 5μ W to 10μ W,
- Transmission with open field: from 1 to 18m,
- Battery lifetime: up to 2 years.

RoHS

WEEE

CE CE certification

R&TTE Certification

-20°C to +70°C

FCC Certified FCC CFR 47 Part 15 compliant

CODE	REFERENCE	DESCRIPTION
F0103000104	DTRR1434R	STAND-ALONE LONG-RANGE READER
F0103000105	DTXT5434M	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR
F0103000106	DTXT5434	LONG-RANGE ACTIVE CARD
F0103000110	DTXT5434MP	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR + PROXIMITY 125 KHZ
F0103000112	DTXT5434P	LONG-RANGE ACTIVE CARD + PROXIMITY 125 KHZ
F0103000111	DTXT5434MMI	LONG-RANGE ACTIVE CARD WITH MOTION SENSOR + MIFARE® 13,56 MHZ
F0103000113	DTXT5434MI	LONG-RANGE ACTIVE CARD + MIFARE® 13,56 MHZ
F0103000108	CLIPDIGITAGLR	ACTIVE CARD SUPPORT

* Refer to Limited Lifetime Warranty Conditions.

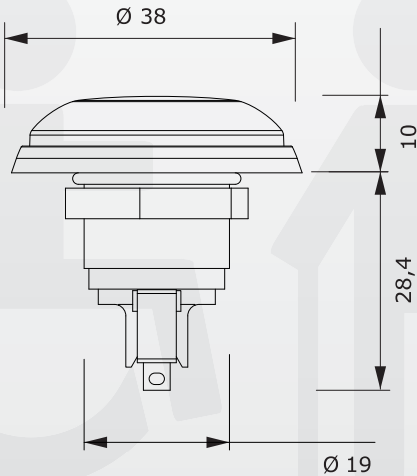


ACCESSORIES

▶ ADAPTED TO REGULATIONS ON ASSISTANCE FOR PERSONS WITH REDUCED MOBILITY

BNONFCHOC Domed exit button

H.R.V.
HIGH RESISTANCE
TO VANDALISM



This range of exit push buttons is adapted to the new regulations on assistance for persons with reduced mobility



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- **Ergonomic design with ultra-sensitive contact switch.**
- **Easy to mount on existing support (19-mm diameter).**
- **Heavy duty push button.**
- **The high-quality Mini-Switch makes it possible to remove the locking nut without removing the switch.**
- **Surface mount optional:** with buzzer and LED feedback.
- **Pre-wired.**
- **Available in the following versions:**
 - Flush mount with stainless-steel faceplate,
 - Surface mount with stainless-steel housing.
- **Colour: green.**
- Material: Aluminium and stainless steel.
- Exit button with built-in sterling silver contacts listed UL, CSA, SEMKO.
- DPDT outputs.
- Input voltage: 12V ac/dc - 5A ac/dc.



CE Certification

-40°C to +85°C



WEEE



IP68



Environmental test: Salt spray

CODE	REFERENCE	DESCRIPTION
F0701000116	BNONFCHOCAB	PRE-WIRED GREEN DOMED PUSH BUTTON
F0701000118	BNONFCHOCCAB	PRE-WIRED GREEN DOMED PUSH BUTTON + STANLESS STEEL PLATE
F0701000115	BNONFCHOCCABHV	PRE-WIRED GREEN DOMED PUSH BUTTON + STAINLESS-STEEL PLATE AND PILOT LIGHT
F0701000005	CBP	STAINLESS-STEEL SURFACE MOUNT HOUSING FOR PUSH BUTTON

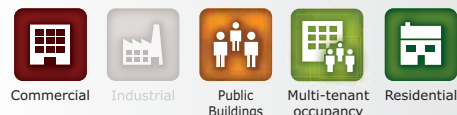
* Refer to Limited Lifetime Warranty Conditions.



ACCESSORIES

► COMPLEMENTARY ACCESSORIES OF THE RANGE

ENAPD 3 N/O output key switches



■ **Ideal to replace the side 3-way button of the Digiway.**

- Optional: European semi-cylinder.
- Dimensions (L x W x D): 71,6 x 71,6 x 47,5mm.

RoHS

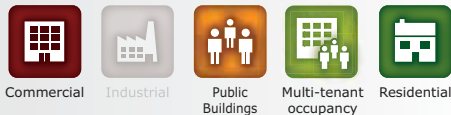
WEEE

CE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0536000029	ENAPD	3 N/O OUTPUT KEY SWITCHES
F0536000009	CYLPR	EUROPEAN SEMI-CYLINDER - ADJUSTABLE KEY BIT

Gear motor shaft extension DWSE



- **30mm and 50mm extension.**
- **Suitable for inward and outward opening Digiway's.**
- **Chrome-plated finish.**

- Dimensions (H x Ø):
 - DWSE55 = 55 x 35mm,
 - DWSE30 = 35 x 30mm.



DWSE30

DWSE55

RoHS

WEEE

CE

CE Certification

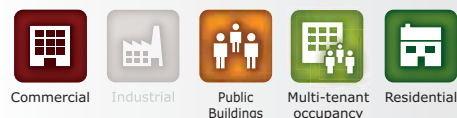
CODE	REFERENCE	DESCRIPTION
F0543000033	DWSE55	EXTENSION OF THE MOTOR SHAFT FOR OUTWARD OR INWARD OPENING - 55MM
F0543000123	DWSE30	EXTENSION OF THE MOTOR SHAFT FOR OUTWARD OR INWARD OPENING - 30MM

DWPCS Interconnection cable for double doors



■ **Wiring cable to connect 2 Digiway's or for a double door installation.**

- Length: 1700mm.



RoHS

WEEE

CE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0543000124	DWPCS	CABLE TO CONNECT TWO DIGIWAY

* Refer to Limited Lifetime Warranty Conditions.



ACCESSORIES

► COMPLIMENTARY ACCESSORIES

DWD1000 - DWHR10002 - DWSSS1

IR detector sensors



Commercial



Industrial



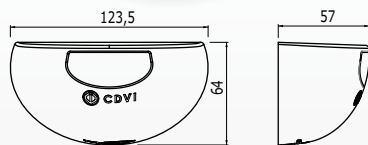
Public Buildings



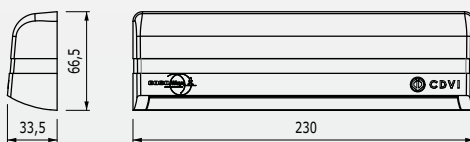
Multi-tenant occupancy



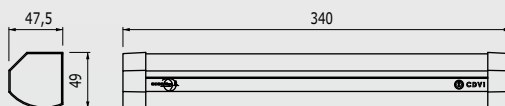
Residential



[ON DOOR FRAME MOUNTING]



[ON DOOR MOUNTING]



RoHS

IP54

-20°C to +60°C

WEEE

CE Certification

RoHS

-20°C to +60°C

WEEE

CE Certification

RoHS

-20°C to +60°C

WEEE

CE Certification

DWD1000

DOOR ACTIVATION SENSOR

- **Detection mode:** Microwave module.
- **2 relays.**
- **Material:** ABS.
- **Range and sensitivity adjustable.**
- Installation height: 4m max.
- Weight: 120 gr.
- Input voltage: 12/24V ac/dc.
- Consumptions:
 - 12V ac = 0,5VA, - 12V dc = 50mA,
 - 24V ac = 0,6VA, - 24V dc = 25mA.

DWHR10002

DOOR ACTIVATION + SAFETY DURING CLOSING

- **Detection mode:** infrared.
- **2 relays.**
- **Material:** ABS.
- **Range and sensitivity adjustable.**
- **Visual feedback.**
- Installation height: 2,7m max.
- Weight: 250 gr.
- Input voltage: 12/24 V AC/DC.
- Consumptions:
 - 12V ac = 1,7VA, - 12V dc = 110mA,
 - 24V ac = 2,1VA, - 24V dc = 60mA.


DWSSS1

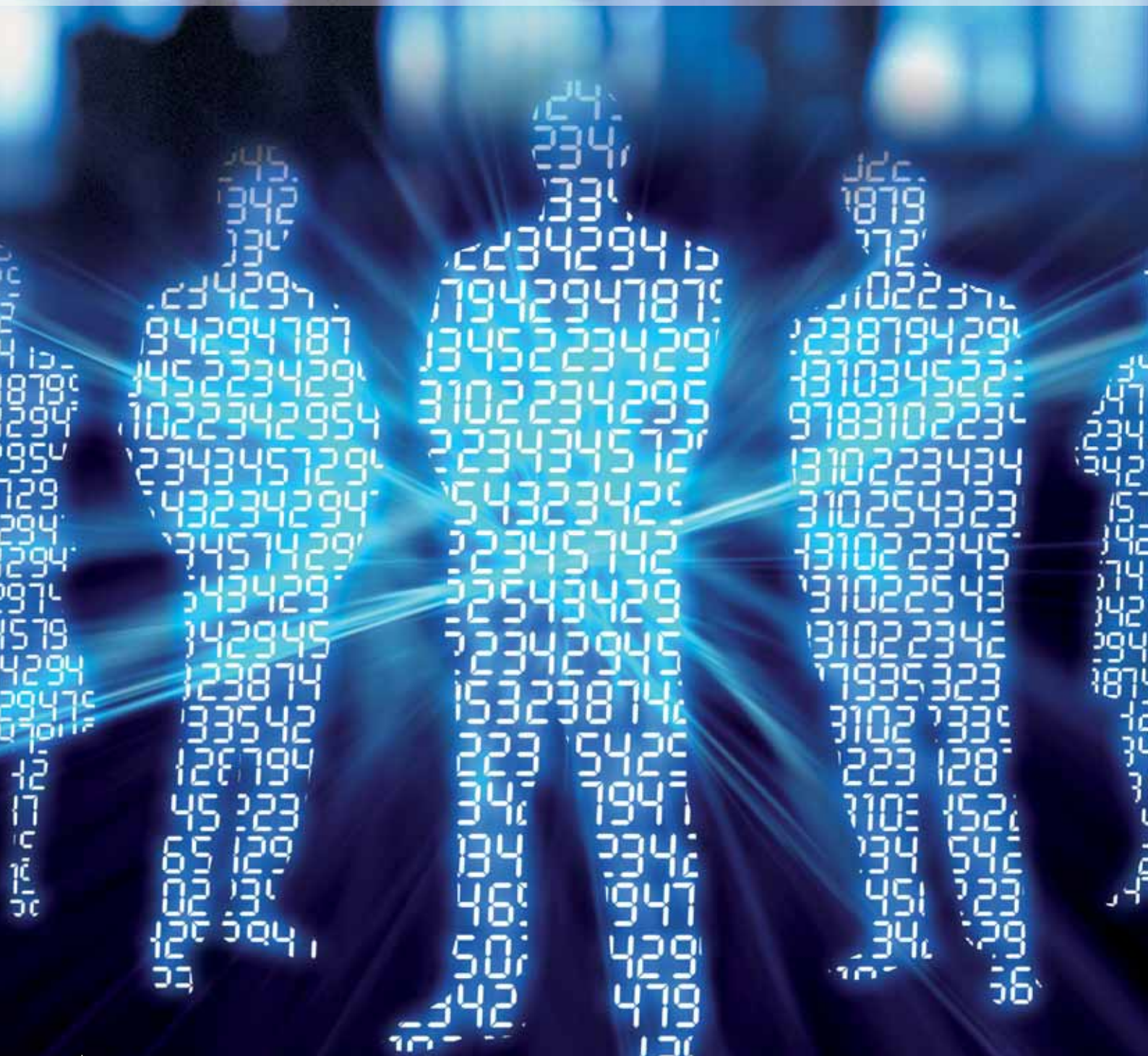
DOOR ACTIVATION + SAFETY DURING CLOSING

- **Detection mode:** infrared.
- **1 relay.**
- **Material:** ABS.
- **Range and sensitivity adjustable.**
- **Visual feedback.**
- Installation height: 2,6m max.
- Weight: 300 gr.
- Input voltage: 12/24 V AC/DC.
- Consumptions:
 - 12 V AC = 1,1 VA, - 12 V DC = 60 mA,
 - 24 V AC = 1,6 VA, - 24 V DC = 35 mA.

CODE	REFERENCE	DESCRIPTION
F0543000050	DWD1000	LONG-RANGE DOOR ACTIVATION SENSOR
F0543000051	DWHR10002	DOOR ACTIVATION SENSOR [ON DOOR FRAME MOUNTING]
F0543000052	DWSSS1	DOOR ACTIVATION SENSOR [ON DOOR MOUNTING]

* Refer to Limited Lifetime Warranty Conditions.

 **ERONE®**
THE SMART LIVING
RF & INFRARED DEVICES





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



1] 433 MHZ RF TRANSMITTERS P. 178

2] 433 MHZ STAND-ALONE RF ACCESS CONTROL SYSTEMS

- MULTI-USERS STAND-ALONE RF CONTROLLERS P. 184
- STAND-ALONE RF RECEIVER P. 188
- ON/OFF RADIO-SWITCHES P. 196
- RAIL DIN TRANSMITTER/RECEIVER - KEELOQ® ROLLING CODE P. 198

3] RF DEVICES FOR SUN-BLINDS, SHUTTERS AND ROLLER SHUTTERS P. 200

4] RF ACCESSORIES P. 203

5] INFRARED DEVICES P. 204



* Refer to Limited Lifetime Warranty Conditions.

COMPARISON TABLE TRANSMITTERS COMPATIBLE WITH COMPLETE ERONE® RANGE

► 433 MHZ FREQUENCY

	RF TRANSMITTERS						
	S2TR2641E1	S2TR2641E2	S2TR2641E4	SEDK2641A4	SEDK2641A4M	SEDK2641A4T	SETR2641AM1
General features							
Encoding	Keeloq®	Keeloq®	Keeloq®	Keeloq®	Keeloq®	Keeloq®	Keeloq®
Frequency (MHZ)	433,92	433,92	433,92	433,92	433,92	433,92	433,92
Transmitter buttons (Channels)	1	2	4	6	6	6	1
Dimensions L x W x D (in mm)	83 x 48 x 16	83 x 48 x 16	83 x 48 x 16	145 x 78 x 32	145 x 78 x 32	145 x 78 x 32	60 x 36 x 16
Modulation	AM/ASK	AM/ASK	AM/ASK	AM/ASK	AM/ASK	AM/ASK	AM/ASK
Open field range (in m)	Up to 250	Up to 250	Up to 250	Up to 700	Up to 700	Up to 700	Up to 200
Effective Radiated Power	100 to 200 µW	100 to 200 µW	100 to 200 µW	6 mW	6 mW	6 mW	100 to 150 µW
Dual-technologie (RF + prox.)	-	-	-	-	-	-	-
Unique serial number	-	-	-	-	-	-	-
Battery	L1028	L1028	L1028	CR123A	CR123A	CR123A	2 x CR2016
Electrical properties							
Input voltage	12V	12V	12V	3V	3V	3V	6V
Recommended environment							
	Page 180	Page 180	Page 180	Page 180	Page 180	Page 180	Page 181

Contact us for fixed or multistandard codes and 27 or 868 Mhz frequencies



S2TR2641E1
S2TR2641E1H



S2TR2641E2
S2TR2641E2H



S2TR2641E4



SEDK2641A4
SEDK2641A4M
SEDK2641A4T



SETR2641AM1

RF TERMINOLOGY

Radio-frequency

433 MHz radio-frequency has been selected for all the ERONE range. This is a medium frequency (MF) which allows transmitting from 100m to 1km.

Amplitude modulation

The amplitude modulation method allows modulating a signal and optimizing transmissions. This method consists on multiplication of the signal to modulate by a highest

frequency signal. All ERONE products have built-in analog (AM) and numerical (ASK) amplitude modulation modes.

Encoding

ERONE products use 3 encoding modes corresponding to 3 security levels (in descending order):

- Keeloq® rolling code,
- Multi standard (210, 39, 214) fixed code,
- 39 (19683 combinations) fixed code.

Timed output

A relay state is changed during a pre-set time when the coil is energized.

Latched output

A relay state is changed over and maintained when the coil is energized. The relay state will go back to its initial position only after the coil is energized again.

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public buildings



Multi-entry occupancy



Residential



COMPATIBLE WITH THE COMPLETE ERONE® RANGE

SETR2641AM2	FKTHS2641E1	SENSRAD	ER	ERP	ERV	TSW2641E1	SETR2641TM	SETMC1C9V
Keeloq®	Keeloq®	Keeloq®	Keeloq®	Keeloq®	Keeloq®	Keeloq®	Keeloq®	Keeloq®
433,92	433,92	433, 92	433, 92	433, 92	433, 92	433, 92	433,92	433,92
2	-	-	4	4	4	1	4	1
60 x 36 x 16	60 x 90 x27	90 x 60 x 25	70 x 40 x 13	70 x 40 x 13	70 x 40 x 13	66,5 x 82 x 66	80 x 80 x 15	45 x 28 x 6
AM/ASK	AM/ASK	AM/ASK	AM/ASK	AM/ASK	AM/ASK	AM/ASK	AM/ASK	AM/ASK
Up to 200	Up to 400	Up to 400	Up to 200	Up to 200	Up to 200	Up to 800	Up to 200	Up to 1000
100 to 150 µW	1 mW	1 mW	100 to 150 µW	100 to 150 µW	100 to 150 µW	3 mW	100 to 200 µW	10 mW
-	-	-	-	Proximity	Mifare®	-	-	-
-	-	-	-	Yes	-	-	-	-
2 x CR2016	CR123A	CR123A	CR2032	CR2032	CR2032	-	CR2032	6LR61
6V	3V	3V	3V	3V	3V	230 V AC	3V	9V
Page 181	Page 181	Page 182	Page 182	Page 182	Page 182	Page 183	Page 183	Page 183



SETR2641AM2R
SETR2641AM2C
SETR2641AM2B
SETR2641AM2N



FKTHS2641E1



SENSRAD



ER
ERP
ERV



TSW2641E1



SETR2641TM



SETMC1C9V

Sequential Mode

Allows activating consecutively 2 relay outputs (Timed and/or latched).

Self-learning memorization

A button on the receiver allows saving and memorizing the remote transmitters.

E.R.P.

Effective Radiated Power of a transmitter.

Super heterodyne RF receiver

A super heterodyne receiver is a RF product designed using a mixed of different frequencies technique called heterodyning. It allows converting the received signal in a lowest frequency to use it directly.

* Refer to Limited Lifetime Warranty Conditions.

RF & INFRARED DEVICES



433 MHZ AM TRANSMITTERS - KEELOQ® ROLLING CODE

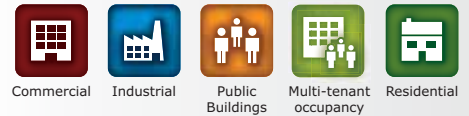
► DESIGN & TECHNOLOGIES FIT FOR ALL YOUR SITE CONFIGURATIONS

S2TR2641E1 RF remote transmitters - 1, 2 or 4 channel



- **Frequency:** 433.92 MHz.
- **Range:** Up to 250m (Open field).

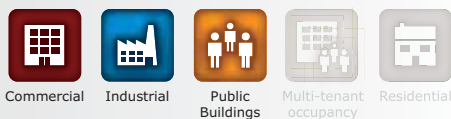
- Dimensions (L x W x D): 83 x 48 x 16mm.
- Available in Proximity 125 KHz or Mifare® 13,56 MHz (On demand).
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Effective Radiated Power (E.R.P.): 100 to 120 µW.
- Channels:
 - S2TR2641E1 = 1 channel,
 - S2TR2641E2 = 2 channels,
 - S2TR2641E4 = 4 channels.
- Input voltage: 12V (Pile L1028).



- RoHS
- WEEE
- IP55
- CE Certification
- FC Certified FCC CFR 47 Part 15 compliant

CODE	REFERENCE	DESCRIPTION
F0204000041	S2TR2641E1	433 MHZ RF TRANSMITTER - 1 CHANNEL
F0204000017	S2TR2641E2	433 MHZ RF TRANSMITTER - 2 CHANNELS
F0204000018	S2TR2641E4	433 MHZ RF TRANSMITTER - 4 CHANNELS
F1014000017	SESMT03	LIGHT GREY HOLDER FOR RF TRANSMITTER
C3201P0002	L1028	L1028 12V ALKALINE BATTERY

RF Digicode® keypad - 6 channels **SEDK2641A4**



- **Wireless RF Digicode® keypad.**
- **Frequency:** 433.92 MHz.
- **Fit for automatic door opening in sequential mode.**
- **6 channels to control 6 different relays or 6 different RF receivers.**
- **Available in version:**
 - SEDK2641A4 = Standard,
 - SEDK2641A4M = Multi-users,
 - SEDK2641A4T = standard + Tamper-Switch.



- Dimensions (L x W x D): 145 x 78 x 32mm.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Effective Radiated Power (E.R.P.): 6mW.
- Range: Up to 700 m (Open-field).
- Memory: 22 user codes + 1 master code.
- Input voltage: 3 V (CR123A - Lithium battery).

- RoHS
- FC Certified FCC CFR 47 Part 15 compliant
- IP30
- CE Certification
- WEEE

CODE	REFERENCE	DESCRIPTION
F1002000011	SEDK2641A4	433 MHZ DIGICODE® KEYPAD - 6 CHANNELS
F1002000012	SEDK2641A4M	MULTI-USERS 433 MHZ DIGICODE® KEYPAD - 6 CHANNELS
F1002000013	SEDK2641A4T	433 MHZ DIGICODE® KEYPAD WITH TAMPER-SWITCH - 6 CHANNELS

* Refer to Limited Lifetime Warranty Conditions.



ERONE 433 MHZ AM TRANSMITTERS - KEELOQ® ROLLING CODE

► DESIGN & TECHNOLOGIES FIT FOR ALL YOUR SITE CONFIGURATIONS

SETR2641AM Mini RF remote Transmitters - 1 or 2 channels



[A]



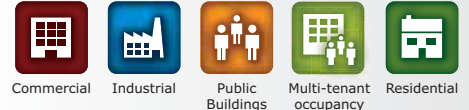
[B]

[C]

[D]

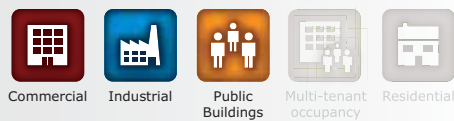
[E]

- **Frequency:** 433.92 MHz.
- **Range:** Up to 250m (Open field).
- **Dimensions (L x W X D):**
 - SETR2641AM1 = 61 x 36 x 13mm,
 - SETR2641AM2 = 61 x 36 x 16mm.
- **Modulation:** AM/ASK.
- **Encoding:** Keeloq® rolling code.
- **2 channels** (Except SETR2641AM1 version = 1 channel).
- **Colours:**
 - A] White = SETR2641AM1,
 - B] Grey/Blue = SETR2641AM2B,
 - C] Grey/Dark grey = SETR2641AM2N,
 - D] Grey/Dark red = SETR2641AM2C,
 - E] Grey/Red = SETR2641AM2R.
- **Input voltage:** 6 V (2 x CR2016 Lithium batteries).

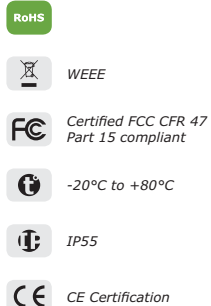


CODE	REFERENCE	DESCRIPTION
F100200002	SETR2641AM1	433 MHZ MINI RF TRANSMITTER - 1 CHANNEL
F0103000067	SETR2641AM2B	433 MHZ MINI RF TRANSMITTER - GREY/BLUE - 2 CHANNELS
F1002000003	SETR2641AM2N	433 MHZ MINI RF TRANSMITTER - GREY/DARK GREY - 2 CHANNELS
F1002000005	SETR2641AM2C	433 MHZ MINI RF TRANSMITTER - GREY/DARK RED - 2 CHANNELS
F1002000004	SETR2641AM2R	433 MHZ MINI RF TRANSMITTER - GREY/RED - 2 CHANNELS
C3201P0009	CR2016	LITHIUM CR2016 BATTERY

Infrared RF remote Transmitter - 1 channel **FKTHS2641E1**



- **A simple hand movement activates the RF communication.**
- **Activation zone:** from 3 to 14 cm.
- **Contactless transmitter.**
- **Simple installation:** no wiring (Works with 3V battery).
- **Frequency:** 433.92 MHz.
- **1 relay.**



- **Dimensions (L x W x D):** 60 x 90 x 27mm.
- **Encoding:** Keeloq® rolling code.
- **Modulation:** AM/ASK.
- **Effective Radiated Power (E.R.P.):** 1 mW.
- **Range:** 200 à 400m (Open-field).
- **Weight:** 93 gr.
- **Input voltage:** 3 V (CR123A - Lithium battery).

CODE	REFERENCE	DESCRIPTION
F1002000026	FKTHS2641E1	433 MHZ INFRARED RF TRANSMITTER - 1 CHANNEL (ACTIVATION FROM 3 TO 14 CM)

* Refer to Limited Lifetime Warranty Conditions.



433 MHZ AM TRANSMITTERS - KEELOQ® ROLLING CODE

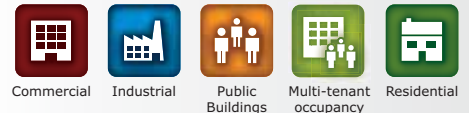
► DESIGN & TECHNOLOGIES FIT FOR ALL YOUR SITE CONFIGURATIONS

SENSRAD RF sensitive contact - 1 channel



- **A simple touch activates the RF communication.**
- **Easy installation:** no wiring (Works with 3V battery).
- **Audible feedback.**
- **Frequency:** 433.92 MHz.
- **Range:** Up to 150m.

- Dimensions (L x W X D): 90 x 60 x 25mm.
- Modulation: AM/ASK.
- Encoding: Keeloq® rolling code.
- Effective Radiated Power (E.R.P.): 1 mW.
- 1 channel.
- Input voltage: 3V (CR123A Battery).



RoHS

WEEE

IP55

CE Certification

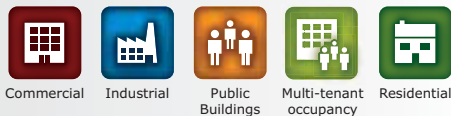
Environmental tests: vibrations

FC Certified FCC CFR 47 Part 15 compliant

CODE	REFERENCE	DESCRIPTION
F010500009	SENSRAD	RF SENSITIVE CONTACT 433 MHZ WIRELESS - 1 CHANNEL
C3201P0011	CR123A	3V LITHIUM A123 BATTERY

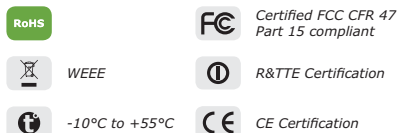
Metal remote transmitters - 4 channels

ER



- **Dual-Technologies:**
 - RF + proximity (ERP),
 - RF + Mifare® (ERV).
- **Frequencies:**
 - RF = 433.92 MHz (ER - ERP - ERV),
 - Proximity = 125 kHz (ERP),
 - Mifare® = 13,56 MHz (ERV).
- **4 channels.**
- **Range:** Up to 250 m (Open-field).

- Dimensions (L x W x D): 72 x 42 x 13mm.
- Modulation: AM/ASK.
- Encoding: Keeloq® rolling code.
- Effective Radiated Power (E.R.P.): 100 to 150 µW.
- Weight: 12 gr.
- Consumption: 15 mA.
- Input voltage: 3V (CR2032 battery).



CODE	REFERENCE	DESCRIPTION
F0104000030	ER	4-CHANNEL RF TRANSMITTER
F0104000031	ERP	4-CHANNEL RF TRANSMITTER + 125 KHZ PROXIMITY
F0104000032	ERV	4-CHANNEL RF TRANSMITTER + 13,56 MHZ MIFARE®
C3201P0001	CR2032	3V CR2032 LITHIUM BATTERY

* Refer to Limited Lifetime Warranty Conditions.



ERONE 433 MHZ AM TRANSMITTERS - KEELOQ® ROLLING CODE

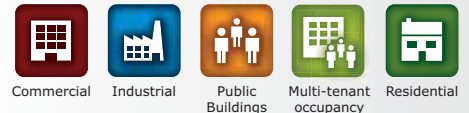
► DESIGN & TECHNOLOGIES FIT FOR ALL YOUR SITE CONFIGURATIONS

TSW2641E1 Outdoor RF wall switch transmitter - 1 channel



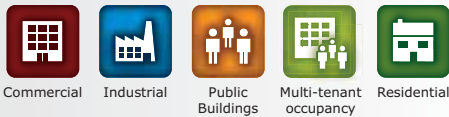
- **Outdoor.**
- **Frequency:** 433,92 MHz.
- **Range:** Up to 800m (Open-field).

- Dimensions (L x W X D): 66,5 x 82 x 66mm.
- Modulation: AM/ASK.
- Encoding: Keeloq® rolling code.
- Effective Radiated Power (E.R.P.): 3 mW.
- 1 channel.
- Input voltage: 230V ac /50 Hz.



CODE	REFERENCE	DESCRIPTION
F100200010	TSW2641E1	433 MHZ OUTDOOR RF WALL TRANSMITTER - 230 V AC - 1 CHANNEL

Wireless wall switch transmitter - 4 channels **SETR2641TM**



- **Fit for sun-blinds and awnings.**
- **Frequency:** 433.92 MHz.
- **Range:** Up to 200m (Open-field).

- Dimensions (L x W X D): 80 x 80 x 25mm.
- Modulation: AM/ASK.
- Encodage: Code tournant Keeloq®.
- Effective Radiated Power (E.R.P.): 100 to 200 µW.
- 4 channel.
- Input voltage: 3V Battery (CR2032).



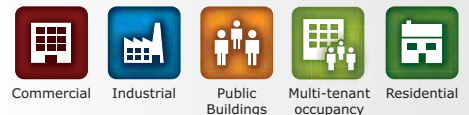
CODE	REFERENCE	DESCRIPTION
F100200028	SETR2641TM	433 MHZ RF WALL TRANSMITTER - 4 CHANNELS
C3201P0001	CR2032	3V CR2032 LITHIUM BATTERY

SETMC1C9V RF Module - 1 channel



- **Wireless solution for standard contact.**
- **Frequency:** 433.92 MHz.
- **1 channel.**
- **Range:** Up to 1000m (Open-field).

- Dimensions (L x W X D): 45 x 28 x 6mm (battery cable = 200mm).
- Modulation: AM/ASK.
- Encoding: Keeloq® rolling code.
- Effective Radiated Power (E.R.P.): 10 mW.
- input voltage: 9V Battery (6LR61).
- Consumption: 17 mA.





CODE	REFERENCE	DESCRIPTION
F100200024	SETMC1C9V	433 MHZ RF MODULE - 1 CHANNEL 9V

* Refer to Limited Lifetime Warranty Conditions.


MULTI-USER STAND-ALONE RF CONTROLLERS

- **SEL2641R433K8P Compatible with all ERONE® transmitters (Page 178).**
- **Frequency: 433 MHz.**
- **Up to 800 users***.**
- **Ideal for applications: car parks, garages, ...**
- **Management software***.**
- **Keeloq® rolling code.**
- **Modulation: ASK.**

*** According to the model.

	CONTROLLERS	
	SEL2641R433K8P	SEL2641R433TW
General features		
Frequency (MHz)	433.92	433.92
Transmitter buttons in memory	800	21
Self-learning memorisation	Yes with Master transmitter	Yes
Encoding	Keeloq® rolling code	Keeloq® rolling code
Modulation	ASK	ASK
Software (Windows XP & VISTA environment)	Yes	-
Back-up memory	Yes	-
Relays	2	2
Bidirectional	-	Yes
Lock time	Yes	1 sec - 10 h
Mounting	Surface mount	Surface mount
Mechanical properties		
Dimensions L x W x D (In mm)	180 x 140 x 68	120 x 60 x 25
Degree of protection (IP)	30	30
Electrical properties		
Resistive load power (Watt)	24VA	24VA
Input voltage AC (Volts)	12 - 24V	12 - 24V
Input voltage DC (Volts)	12 - 24V	12 - 24V
Recommended environments		
		
	Page 186	Page 187

* Refer to Limited Lifetime Warranty Conditions.



MULTI-USERS STAND-ALONE RF CONTROLLERS

► CREATE YOUR SYSTEM TO ORDER IN 3 STEPS

I ► CONTROLLER



SEL2641R433K8P
Management controller for 800 users (Including software).

► P. 186



SEL2641R433TW
Bidirectional controller to manage up to 20 transmitter buttons.

► P. 187



II ► SUPPLEMENTARY MODULES



RF remote transmitters
A wide range of RF transmitters suitable for all site configurations.

► P. 178



RF accessories
To optimize your system, CDVI has a range of RF accessories to complete your site configuration.

► P. 203



III ► DOOR COMPONENTS



Locking devices
CDVI has a wide range of locking systems that can optimise the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

► P. 212



Accessories
CDVI has a range of remote transmitters, tags and cards that complement the smart-card access proximity and RF readers, as well as many other installation accessories for optimising the security of your sites.

► P. 290

* Refer to Limited Lifetime Warranty Conditions.



ERONE
THE SMART LIVING

MULTI-USERS STAND-ALONE RF CONTROLLERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

SEL2641R433K8P 800 users Controller



Commercial



Industrial



Public Buildings



Multi-tenant Occupancy



Residential



S2TR2641E2M

SESWK8



**SEL2641KITP8
SERVICE KIT**

- back-up memory,
- Receiver special cable with RJ45,
- Transmitter special cable/ receiver with probe,
- RS232 cable for receiver (PC Connexion),
- Software,
- RS232/USB Interface,
- USB Driver,
- Dimensions (L x W x D): 325 x 260 x 75 mm.



**SEL2641MEMB
AUXILIARY MEMORY**

- Degree of protection: IP2X.
- Capacity: 800 users,
- Dimensions (L x W x D): 48 x 28,5 x 10 mm



**SEA433
AUXILIARY AERIAL**

- RF aerial with "L" bracket for wall mounting.
- Frequency: 433 MHz, GSM dual-band,
- Cable: RG58 / RG174,
- Cable load: 50 Ohm.

OPTIONS



IP30

-10°C to +55°C

CE Certification

WEEE

Recommended power supply



ARD12

Accessory



SESMT03

CODE	REFERENCE	DESCRIPTION
F0204000030	SEL2641R433K8P	433 MHZ RF STAND-ALONE CONTROLLER - 800 USERS + SOFTWARE
F0204000034	SEL2641MEMB	BACK-UP MEMORY 800 USERS
F0204000037	SEL2641KITP8	SERVICE KIT FOR 433 MHZ RF STAND-ALONE CONTROLLER - 800 USERS
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM
F1002000027	S2TR2641E2M	433 MHZ MASTER RF TRANSMITTER - 2 CHANNELS
F1014000017	SESMT03	LIGHT GREY WALL HOLDER FOR RF TRANSMITTER
C3201P0002	L1028	L1028 12V ALKALINE BATTERY

* Refer to Limited Lifetime Warranty Conditions.

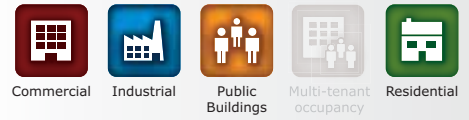


ERONE MULTI-USERS STAND-ALONE RF CONTROLLERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

SEL2641R433TW 2-Way RF Receiver

SEL2641R433-TW



S2TR2641TW



SEA433

AUXILIARY AERIAL

- RF aerial with "L" bracket for wall mounting.
- Frequency: 433 MHz, GSM dual-band,
- Cable: RG58 / RG174,
- Cable load: 50 Ohm.

OPTION

- **The remote transmitter activates an action within the receiver and the receiver sends a feedback to the remote transmitter confirming the action (the LED status changes).**
- **Ideal to activate an alarm system remotely.**
- **Frequency: 433.92 MHz.**
- **Manage up to 20 remote transmitter buttons.**
- **2 relays 24 VA.**
- **Adjustable time output: 1 second to 10 hours.**
- **1 remote transmitter included.**
- **Dimensions (L x W x D):**
 - S2TR2641TW = 83 x 48 x 16mm,
 - SEL2641R433-TW = 121 x 48 x 16mm.
- **Encoding: Keeloq® rolling code.**
- **Modulation: ASK.**
- **Range: 40 to 70 m (Open-field).**
- **Input voltage: 12/24V ac/dc.**

- RoHS
- WEEE
- IP30
- CE Certification

Recommended power supply

ARD12

Accessory































SESMT0303

CODE	REFERENCE	DESCRIPTION
F1002000021	S2TR2641TW	433 MHZ BIDIRECTIONAL RF TRANSMITTER - 2 CHANNELS
F1001000055	SEL2641R433TW	433 MHZ BIDIRECTIONAL RF CONTROLLER - 2 RELAYS
F1001000056	SEK2641TW	433 MHZ BIDIRECTIONAL RF CONTROLLER + TRANSMITTER KIT
F1014000016	SESMT0303	ANTHRACITE GREY WALL HOLDER FOR RF TRANSMITTER

* Refer to Limited Lifetime Warranty Conditions.

COMPARISON TABLE COMPATIBLE WITH ERONE® TRANSMITTER RANGE

► STAND-ALONE RADIO RECEIVERS

	RF RECEIVERS					
	SEL2641R433NN	SEL2641R433NNV	SEL2641R433I	SEL2641R433IP	SEL2641R433SQR	SEL2641R433C4P
General features						
Frequency (MHz)	433.92		433.92		433.92	433.92
Remote transmitter buttons in memory	85		85		85	85
Self-learning memorisation	Yes		Yes		Yes	
Encoding	Keeloq® rolling code		Keeloq® rolling code		Keeloq® r. Code	Keeloq® r. Code
Modulation	AM/ASK		AM/ASK		AM/ASK	AM/ASK
Timed output relay	-		2	-	-	-
Timed output or latched relays	1		-	2	2	4
Sequential Mode (consecutive activation of relays)	-		-	-	Yes	-
Time-out	-		-	Yes	-	-
Relay power (VA)	500		24		24	3500
Mechanical specifications						
Dimensions L x W x D (In mm)	50 x 32 x 20		105 x 45 x 28		105 x 45 x 28	140 x 115 x 53
Degree of protection (IP)	20		30		30	44
Electrical specifications						
Input voltage AC (Volts)	12/24	230	12/24		12/24	12/24
Input voltage DC (Volts)	12/24	-	12/24		12/24	12/24
Recommended environment						
						
						
						
						
						
	Page 192	Page 192	Page 193	Page 193	Page 193	Page 194

Contact us for fixed or multistandard codes and 27 or 868 MHz frequencies



SEL2641R433NNV
SEL2641R433NN



SEL2641R433I
SEL2641R433IP

* Refer to Limited Lifetime Warranty Conditions.

RF TERMINOLOGY

Radio-frequency

433 MHz radio-frequency has been selected for all the ERONE range. This is a medium frequency (MF) which allows transmitting from 100m to 1km.

Amplitude modulation

The amplitude modulation method allows modulating a signal and optimizing transmissions. This method consists on multiplication of the signal to modulate by a highest

frequency signal. All ERONE products have built-in analog (AM) and numerical (ASK) amplitude modulation modes.

Encoding

ERONE products use 3 encoding modes corresponding to 3 security levels (in descending order):

- Keeloq® rolling code,
- Multi standard (210, 39, 214) fixed code,
- 39 (19683 combinations) fixed code.

Timed output

A relay state is changed during a pre-set time when the coil is energized.

Latched output

A relay state is changed over and maintained when the coil is energized. The relay state with go back to its initial position only after the coil is energized again.

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-entry occupancy



Residential



COMPATIBLE WITH ALL ERONE® REMOTE TRANSMITTERS

SEL2641R433C4V	SEL2641R433C4R	SEL2641R433C2P	SEL2641R433C2V	SEL2641R433Z1	SEL2641R433Z2	SEL2641R433Z4	SEL2641R433C4	SEL2641R433V4
	433.92				433.92		433.92	
	85				85		255	
	Yes				Yes		Yes	
	Keeloq® rolling code				Keeloq® rolling code		Keeloq® rolling code	
	AM/ASK				AM/ASK		AM/ASK	
	-				-		-	
4			2	1	2	4	4	
			Yes					
	3500				24		24	
	140 x 115 x 53				80 x 80 x 50		140 x 115 x 53	
	44				65		44	
230	230	12/24	230		12/24		12/24	230
-	-	12/24	-		12/24		12/24	-
Page 194	Page 194	Page 194	Page 194	Page 195	Page 195	Page 195	Page 195	Page 195



SEL2641R433SQR



SEL2641R433C2P
SEL2641R433C2V
SEL2641R433C4P
SEL2641R433C4V
SEL2641R433C4R



SEL2641R433Z1
SEL2641R433Z2
SEL2641R433Z4



SEL2641R433C4
SEL2641R433V4

Sequential Mode

Allows activating consecutively 2 relay outputs (Timed and/or latched).

Self-learning memorization

A button on the receiver allows saving and memorizing the remote transmitters.

E.R.P.

Effective Radiated Power of a transmitter.

Super heterodyne RF receiver

A super heterodyne receiver is a RF product designed using a mixed of different frequencies technique called heterodyning. It allows converting the received signal in a lowest frequency to use it directly.

* Refer to Limited Lifetime Warranty Conditions.

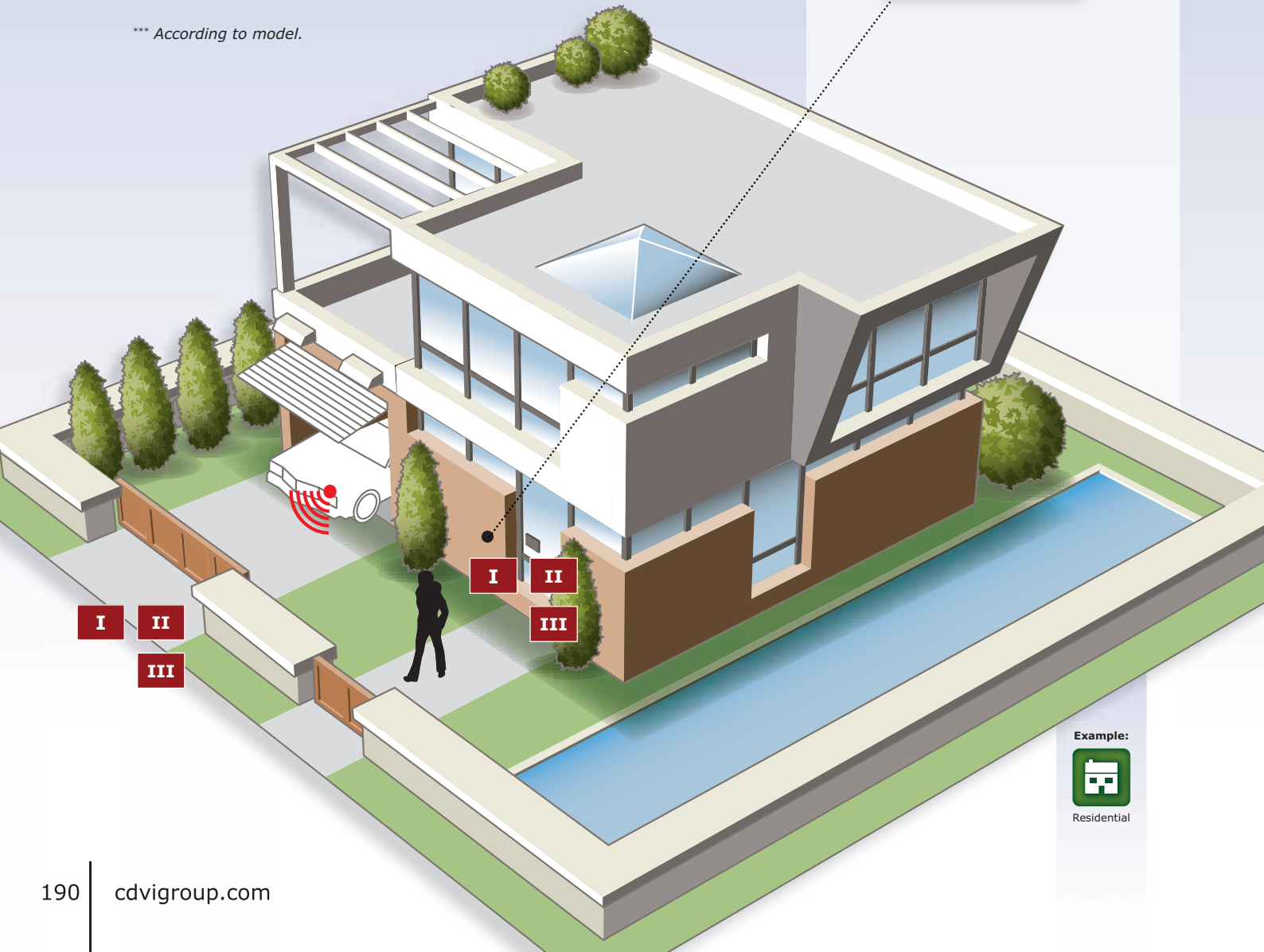
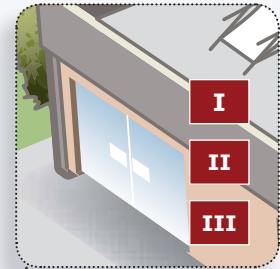
RF & INFRARED DEVICES

 **ERONE®**
THE SMART LIVING

STAND-ALONE RF RECEIVERS TO FIT YOUR NEEDS

- **Compatible with all ERONE® transmitters (Page 178).**
- **Frequency:** 433.92 MHz.
- **Modulation:** ASK.
- **From 1 to 6 relays***.**
- **Up to 255 remote transmitter buttons***.**
- **Metal or polycarbonate box housing***.**
- **Compact***.**
- **Surface mount.**
- **Keeloq® rolling code.**
- **Input voltage:** 230V ac or 12/24V dc.

*** According to model.



Example:



Residential



▶ OPTIMISE YOUR AUTOMATION MANAGEMENT IN 3 STEPS

I ▶ RF RECEIVER



RF receiver:

- From 1 to 4 relays,
- Up to 255 users,
- Keeloq® rolling code...

▶ P. 192



II ▶ SUPPLEMENTARY MODULES



RF transmitters

A wide range of RF transmitters fits for all site configurations.

▶ P. 178



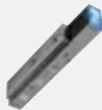
RF accessories

To optimize your system, CDVI has a range of RF accessories to complete your site configuration.

▶ P. 203



III ▶ DOOR COMPONENTS



Locking devices

CDVI has a wide range of locking systems that can optimise the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

▶ P. 212



Accessories

CDVI has a range of remote transmitters, tags and cards that complement the smart-card access proximity and RF readers, as well as many other installation accessories for optimising the security of your sites.

▶ P. 290

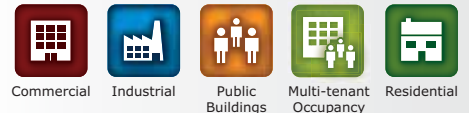
* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE RF RECEIVERS - KEELOQ® ROLLING CODE

► OPTIMISE THE MANAGEMENT OF YOUR SITE

SEL2641R433NNV 230V ac Nano receiver - 1 Relay



- **Frequency:** 433.92 MHz.
- **Compact receiver.**
- **Resistive load:** 500W max.
- **1 timed output relay with adjustable time output or latched relay.**
- **Polycarbonate box.**

- Dimensions (L x W x D): 50 x 32 x 20mm.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Capacity: 85 remote transmitter buttons.
- Input voltage: 230V ac - 50 Hz.



Accessory

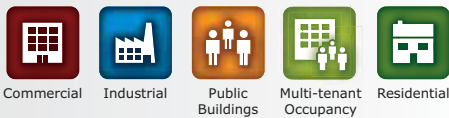


SEA433

CODE	REFERENCE	DESCRIPTION
F1001000013	SEL2641R433NNV	230V AC 433 MHZ NANO RF RECEIVER - 1 RELAY
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM

12/24 ac/dc Nano receiver - 1 Relay

SEL2641R433NN



- **Frequency:** 433.92 MHz.
- **Compact receiver.**
- **1 relay 24 VA.**
- **Polycarbonate box.**

- Dimensions (L x W x D): 50 x 32 x 20mm.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Capacity: 85 remote transmitter buttons.
- Input voltage: 12/24V ac/dc.



Recommended power supply



ARD12

CODE	REFERENCE	DESCRIPTION
F1001000014	SEL2641R433NN	12/24V AC/DC 433 MHZ NANO RF RECEIVER - 1 RELAY
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM

* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE RF RECEIVERS - KEELOQ® ROLLING CODE

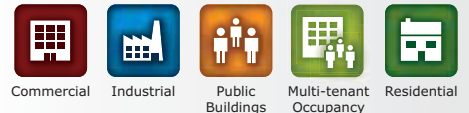
► OPTIMISE THE MANAGEMENT OF YOUR SITE

SEL2641R433I Standard Receiver - 2 Relays



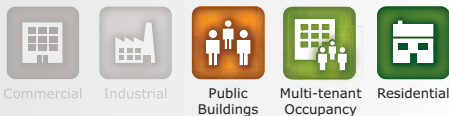
- **Frequency:** 433.92 MHz.
- **2 relays 24 VA.**
- **Self-learning memorisation.**
- **Polycarbonate box.**
- **1 timed output relay (version - I)**
- **1 relay output with adjustable time output or latched relay (versions - IP).**
- **Adjustable time output from 1 sec. to 10 hours.**

- Dimensions (L x W x D): 105 x 45 x 28mm.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Memory:
 - SEL2641R433-I = 85 remote transmitter buttons,
 - SEL2641R433-IP = 85 remote transmitter buttons,
 - SEL2641R433-IP5 = 500 remote transmitter buttons.
- Input voltage: 12/24V ac/dc.



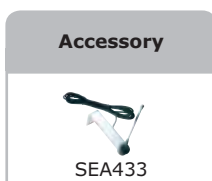
CODE	REFERENCE	DESCRIPTION
F1001000001	SEL2641R433I	433 MHZ RF RECEIVER - 2 RELAYS - 85 USERS
F0130000077	SEL2641R433IP	433 MHZ RF RECEIVER - 2 RELAYS - 85 USERS
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM

Receiver with sequential outputs - 2 Relays **SEL2641R433SQR**



- **Frequency:** 433.92 MHz.
- **Allow to open 2 access consecutively with adjustable time-out between the 2 opening (ex: Gate + garage).**
- **2 relays 24 VA.**

- Dimensions (L x W x D): 105 x 45 x 28mm.
- 3 operating modes for "RR" and "RV" relays:
 - "RV" relay in timed output mode with adjustable time output or latched mode,
 - "RR" relay in timed output mode with adjustable time output,
 - Sequential mode: consecutive activation of the "RR" and "RV" (adjustable time-out) relays.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Adjustable time output between relays: 00 to 30 secondes.
- Capacity: 85 remote transmitter buttons.
- Input voltage: 12/24 V dc.



CODE	REFERENCE	DESCRIPTION
F1001000005	SEL2641R433SQR	433 MHZ RF RECEIVER WITH SEQUENTIAL OUTPUTS - 2 RELAYS
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM

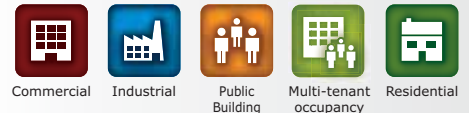
* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE RF RECEIVERS - KEELOQ® ROLLING CODE

► OPTIMISE THE MANAGEMENT OF YOUR SITE

SEL2641R433C 2 or 4 Relays Receivers



SEA433

AUXILIARY AERIAL

■ RF aerial with "L" bracket for wall mounting.

- Frequency: 433 MHz, GSM dual-band,
- Cable: RG58 / RG174,
- Cable load: 50 Ohm.

OPTION

- **Frequency:** 433.92 MHz.
- **Compact metal box.**
- **Relays:**
 - «C2P» Version = 2 x 24 V,
 - «C2V» Version = 2 x 16 A /230 V ac,
 - «C4P» Version = 4 x 24 V.
 - «C4V» Version = 4 x 16 A /230 V ac.
 - «C4R» Version = 4 x 16 A /230 V ac.
- **Self-learning memorisation.**
- **2 relay versions:** adjustable time output.
- **4 relay versions:**
 - Relays in timed output mode with adjustable time-out, in latched mode or in "staggered operation" mode with an adjustable time-out from 1 sec. to 16 h.
 - Selection of the 4th relays in timed output mode with adjustable time-out or latched mode with jumper.
 - The "C4R" version has a supplementary input for 4 external exit push buttons to activate or deactivate relays.
- Dimensions (L x W x D): 140 x 115 x 53mm.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Memory: 85 transmitter buttons.
- Input voltage:
 - "C2P" & "C4P" versions = 12/24 V AC/DC,
 - "C2V", "C4V" & "C4R" versions = 230 V AC.

RoHS

WEEE

IP44

CE Certification

Recommended power supply



ARD12

CODE	REFERENCE	DESCRIPTION
F100100006	SEL2641R433C2P	12/24V AC/DC 433 MHZ RF RECEIVER - 2 RELAYS
F100100007	SEL2641R433C2V	230V AC 433 MHZ RF RECEIVER - 2 RELAYS
F100100008	SEL2641R433C4P	12/24V AC/DC 433 MHZ RF RECEIVER - 4 RELAYS
F100100009	SEL2641R433C4V	230V AC 433 MHZ RF RECEIVER - 4 RELAYS
F100100010	SEL2641R433C4R	230V AC 433 MHZ RF RECEIVER - 4 RELAYS + 1 INPUT "4 EXIT PUSH BUTTONS"
F010300029	SEA433	433 MHZ RF AERIAL - 3500MM

* Refer to Limited Lifetime Warranty Conditions.



STAND-ALONE RF RECEIVERS - KEELOQ® ROLLING CODE

▶ OPTIMISE THE MANAGEMENT OF YOUR SITE

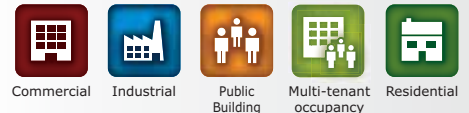
SEL2641R433Z

Mini-Receiver - 1, 2 or 4 Relays



- **Frequency:** 433.92 MHz.
- **1, 2 or 4 relays 24 VA.**
- **Self-learning memorisation.**
- **Polycarbonate box.**
- **Adjustable time output or latched.**

- Dimensions (L x W x D): 80 x 80 x 50mm.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Memory: 85 transmitter buttons.
- Input voltage: 12/24V ac/dc.



Recommended power supply



ARD12

Accessory

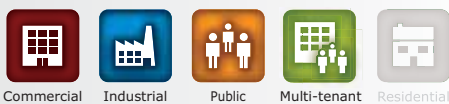


SEA433

CODE	REFERENCE	DESCRIPTION
F0204000027	SEL2641R433Z1	433 MHZ RF MINI-RECEIVER - 1 RELAY
F0204000026	SEL2641R433Z2	433 MHZ RF MINI-RECEIVER - 2 RELAYS
F0204000015	SEL2641R433Z4	433 MHZ RF MINI-RECEIVER - 4 RELAYS
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM

Universal Receiver - 4 Relays

SEL2641R433



- **Frequency:** 433.92 MHz.
- **4 relays 24VA.**
- **Self-learning memorisation.**
- **Metal box.**
- **Adjustable time output or latched.**
- **Adjustable time-out from 1 sec. to 21 hours.**



- Dimensions (L x W x D): 140 x 115 x 53mm.
- Encoding: Code tournant Keeloq®.
- Modulation: AM/ASK.
- Memory: 255 transmitter buttons.
- Input voltage:
 - SEL2641R433C4 = 12/24V ac/dc,
 - SEL2641R433V4 = 230V ac - 50 Hz.

Recommended power supply



ARD12

Accessory



SEA433

CODE	REFERENCE	DESCRIPTION
F1001000011	SEL2641R433C4	12/24V AC/DC UNIVERSAL RECEIVER - 4 RELAYS
F1001000012	SEL2641R433V4	230V AC UNIVERSAL RECEIVER - 4 RELAYS
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM

* Refer to Limited Lifetime Warranty Conditions.



«ON/OFF» RF SWITCHES FITS FOR YOUR LIGHTNING

- Compatible with all ERONE® transmitter (Page 178).
- "ON/OFF" RF switches.
- Frequency: 433.92 MHz.
- Keeloq® rolling code.
- Resistive loads from 500W to 2000W*.
- Memorize up to 85 remote transmitter buttons*.
- Input voltage: 230V ac - 50 Hz.
- Adjustable time output*.
- Plastic box.



Example:



Residential

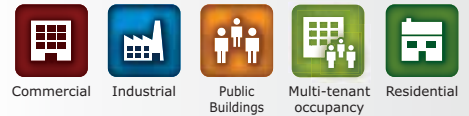
* According versions.



ERONE «ON/OFF» RF SWITCHES

▶ OPTIMISE YOUR AUTOMATION MANAGEMENT IN 3 STEPS

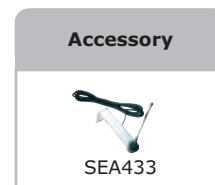
SEL2641R433P5 «ON/OFF» RF switch - 500W



- «ON/OFF» RF switch for 500W resistive load.
- Self-learning memorization.
- Latched relay.



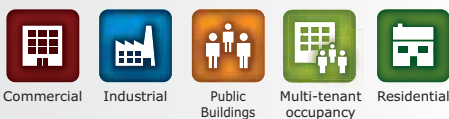
- Dimensions (L x W x D):
 - SEL2641R433-P5 = 85 x 80 x 50mm,
 - SEL2641R433-RMS = 25 x 41 x 154mm.
- Frequency: 433.92 MHz.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Output with resistive load:
 - SEL2641R433P5 = 230V ac - 400/500W.
 - SEL2641R433RMS = 230V ac - 200W.
- Capacity: 85 remote transmitter buttons.
- Input voltage: 230V ac - 50Hz.



- RoHS
- WEEE
- IP65
- CE Certification

CODE	REFERENCE	DESCRIPTION
F1001000028	SEL2641R433P5	"ON/OFF" RF SWITCH - 500W
F0103000029	SEA433	433 MHZ RF AERIAL - 3500 MM

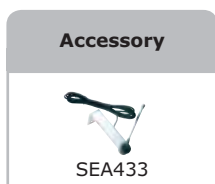
«ON/OFF» RF switch - 2000W **SEL2641R433PTP**



- «ON/OFF» RF switch for 2000W resistive load.
- Ideal for lighting control.
- Self-learning memorization.
- Adjustable time output with dip switch: from 10 seconds to 16 hours.



- Dimensions (L x W x D): 140 x 115 x 53mm.
- Frequency: 433.92 MHz.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Output: 230 V AC - 2000 W.
- Capacity: 85 remote transmitter buttons.
- Remote transmitter button memorization from a distance: SEL2641R433PTP.
- Input voltage: 230 V AC - 50Hz.



- RoHS
- IP44
- WEEE
- CE Certification

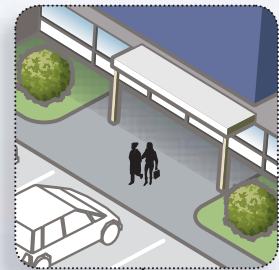
CODE	REFERENCE	DESCRIPTION
F1001000027	SEL2641R433PTP	"ON/OFF" RF SWITCH - 2000W [MEMORIZATION FROM A DISTANCE]
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM

* Refer to Limited Lifetime Warranty Conditions.



433 MHZ DIN RAIL RF TRANSMITTER & RECEIVER - KEELOQ® ROLLING CODE

- **Frequency:** 433 MHz.
- **Modulation:** ASK.
- **RF mountable on RAIL DIN transmitter & receiver.**
- **Encoding:** Keeloq® rolling code.
- **ABS Box.**
- **Transmitter RF range:** 400m (Open-field).
- **Receiver:** 4 relays 16A.
- **Receiver compatible with all ERONE® transmitter range.**



Example:



Industrial



RAIL DIN TRANSMITTER & RECEIVER - KEELOQ® ROLLING CODE

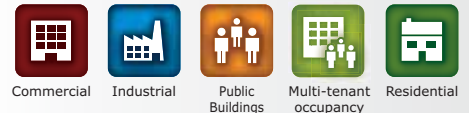
► MORE RELIABLE CONTROL OF YOUR ACCESS

SETMC433BD DIN RAIL RF transmitter - 4 channels



- **DIN RAIL RF transmitter.**
- **Frequency:** 433.92 MHz.
- **Encoding:** Keeloq® rolling code.
- **Range up to 400 m in open-field.**
- **Compatible with all ERONE® remote transmitter range.**
- **2 DIN RAIL.**

- Dimensions (L x W x D): 60 x 90 x 30mm.
- Modulation: AM/ASK.
- ABS box.
- 4 channels of NO contact to activate RF transmission.
- Input voltage: 12V dc.



RoHS

WEEE

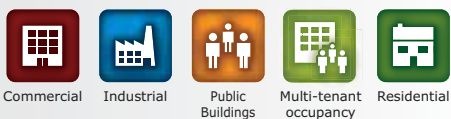
CE Certification

Recommended power supplies



CODE	REFERENCE	DESCRIPTION
F100200014	SETMC433BD	433 MHZ RAIL DIN RF TRANSMITTER - 4 CHANNELS

DIN RAIL RF receiver - 4 relays 16A **SEL2641R433BD4**



- **DIN RAIL RF receiver.**
- **Frequency:** 433.92 MHz.
- **Encoding:** Keeloq® rolling code.
- **4 relays 16A.**
- **Using mode by dip switch:**
 - Timed output relay,
 - Latched relay.
- **Compatible with all ERONE® remote transmitter range.**
- **Output for external exit push button to activate a relay.**
- **Support DIN RAIL 8 modules.**

- Dimensions (L x W x D): 85 x 70 x 50mm.
- Modulation: AM/ASK.
- Memory: 85 transmitter buttons.
- Input voltage: 12/24V ac/dc.

RoHS

WEEE

CE Certification

Recommended power supplies



Accessory






CODE	REFERENCE	DESCRIPTION
F100100016	SEL2641R433BD4	433 MHZ DIN RAIL RF RECEIVER - 4 RELAYS
F010300029	SEA433	433 MHZ RF AERIAL - 3500MM

* Refer to Limited Lifetime Warranty Conditions.


RF SYSTEM RANGE FOR SUN-BLINDS, ROLLING & ROLLER SHUTTERS

- **Compatible with all ERONE® transmitter (Page 178).**
- **Frequency: 433 MHz.**
- **Keeloq® rolling code.**
- **Resistive load from 400 to 750 W**.**
- **For asynchronous engines.**
- **Input voltage: 230V ac - 50 Hz.**
- **ABS or metal box**.**

*Contact us for fixed
or multistandard codes
and 27 or 868 MHz
frequencies*

	RF SYSTEMS FOR SUN-BLINDS, SHUTTERS AND ROLLER SHUTTERS		
	SEL2641R433RM	SEL2641R433P4	SEL2641R433P7E
General features			
Receiver	Superheterodyne	Superheterodyne	Superheterodyne
Frequency (MHz)	433.92	433.92	433.92
Engines	1 x 230V ac / 400W	1 x 230V ac / 400W	1 x 230V ac / 750W
Encoding	Keeloq® rolling code	Keeloq® rolling code	Keeloq® rolling code
Modulation	AM/ASK	AM/ASK	AM/ASK
Time output	Yes	Yes	Yes
Mounting	Surface mount	Surface mount	Surface mount
Tag memorization from a distance	-	SEL2641R433P4P	-
Mechanical properties			
Dimensions L x W x D (In mm)	25 x 51 x 154	140 x 115 x 53	140 x 115 x 53
Degree of protection (IP)	44	44	44
Electrical properties			
Input voltage AC (Volts)	230V ac	230V ac	230V ac
Input voltage DC (Volts)	-	-	-
Recommended environments			
			
	Page 201	Page 201	Page 202

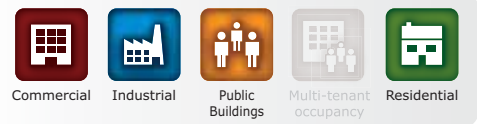
* Refer to Limited Lifetime Warranty Conditions.
** According versions.



ERONE RF SYSTEM RANGE FOR SUN-BLINDS, ROLLING & ROLLER SHUTTERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

SEL2641R433RM For sun-blinds & rolling shutters - 400 W



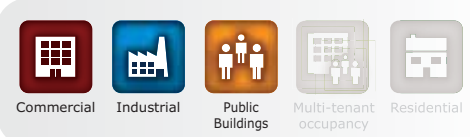
- **For sun-blinds and rolling shutters.**
- **For motors:** Asynchronous 230V ac - 400W.
- **Frequency:** 433,92 MHz.
- **Self-learning.**
- **Options:**
 - Anemometer (Ref: SEAN01),
 - Radio switch (Ref: SETR2641TM).
- Dimensions: 25 x 51 x 154mm.
- Encoding: Keeloq® rolling code.
- Memory: 85 transmitter buttons.
- Input voltage: 230V ac / 50 Hz.

- RoHS
- WEEE
- CE Certification
- R&TTE Certification
- 20°C to +55°C
- Certified FCC CFR 47 Part 15 compliant
- IP44



CODE	REFERENCE	DESCRIPTION
F1001000065	SEL2641R433RM	433 MHZ RF SYSTEM FOR SUN-BLINDS & ROLLING SHUTTERS - 400W
F1002000028	SETR2641TM	433 MHZ RF WALL TRANSMITTER - 4 CHANNELS
F0206000006	SEAN01	4 MAGNET ANEMOMETER

For roller shutters - 400/750 W **SEL2641R433P**



- **Ideal for roller shutters.**
- **For asynchronous motors 230V ac.**
- **Adjustable time-out by dip switches.**
- **4 modes:** Automatic, semi-automatic, obstacle detection or simultaneous use of the 3 modes.



- Dimensions (L x W x D): 140 x 115 x 53mm.
- Frequency: 433.92 MHz.
- Encoding: Keeloq® rolling code.
- Modulation: AM/ASK.
- Engines: Asynchronous 230V ac - 400/750W.
- Memory: 85 transmitter buttons.
- Transmitter buttons memorization from a distance: SEL2641R433P4P & SEL2641R433P7P.
- Input voltage: 230 V AC - 50Hz.



- RoHS
- WEEE
- IP44
- CE Certification

CODE	REFERENCE	DESCRIPTION
F1001000030	SEL2641R433P4	433 MHZ RF SYSTEMS FOR ROLLER SHUTTER - 400W
F1001000031	SEL2641R433P4P	433 MHZ RF SYSTEMS - 400W - REMOTELY MEMORIZATION
F1001000032	SEL2641R433P7	433 MHZ RF SYSTEMS FOR ROLLER SHUTTER - 750W
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM

* Refer to Limited Lifetime Warranty Conditions.



RF SYSTEM RANGE FOR SUN-BLINDS, ROLLING & ROLLER SHUTTERS

► MORE RELIABLE CONTROL OF YOUR ACCESS

SEL2641R433P7E

RF System for roller shutters - 750 W



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



SEA433

AUXILIARY AERIAL

■ RF aerial with "L" bracket for wall mounting.

- Frequency: 433 MHz, GSM dual-band,
- Cable: RG58 / RG174,
- Cable load: 50 Ohm.

OPTION

- **Ideal for roller shutters.**
 - **For asynchronous motors 230 V AC.**
 - **NC input for infrared cells.**
 - **Adjustable time-out by dip switches.**
 - **Using modes:**
 - Automatic,
 - Semi-automatic,
 - Obstacle detection,
 - Simultaneous use of the 3 modes.
 - **"open/stop/close" external keypad to control the shutters.**
- Dimensions (L x W x D): 159 x 118 x 77mm.
 - Frequency: 433 MHz.
 - Encoding: Keeloq® rolling code.
 - Modulation: AM/ASK.
 - Engines: Asynchronous 230V ac - 750W.
 - Memory: 85 transmitter buttons.
 - Input voltage: 230V ac - 50Hz.

RoHS

WEEE

IP65

CE Certification

CODE	REFERENCE	DESCRIPTION
F100100034	SEL2641R433P7E	RF SYSTEM FOR ROLLER SHUTTER - 750W - CONTROL KEYPAD
F010300029	SEA433	433 MHZ RF AERIAL - 3500MM

* Refer to Limited Lifetime Warranty Conditions.

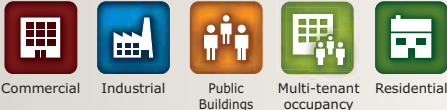


ERONE RF RANGE ACCESSORIES

► COMPLIMENTARY ACCESSORIES

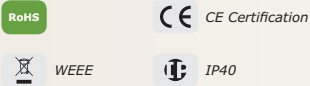
RF repeater

SERMSR4T4



- **Frequency:** 433 MHz.
- **Encoding:** Keeloq® rolling code.

- Dimensions (L x W x D): 105 x 59 x 85mm.
- Modulation: ASK.
- Receiver sensitivity: -112 dBm.
- Effective radiated power: 3 mW.
- Memory: 40 transmitter buttons.
- Input voltage: 230V ac - 50 Hz.



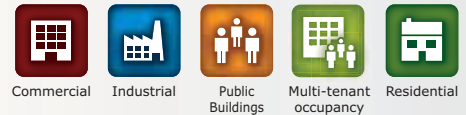
CODE	REFERENCE	DESCRIPTION
F1001000053	SER2641R4T4	RF REPEATER - KEELOQ® ROLLING CODE

SEA Antennes RF aerial



- **RF aerial with L-bracket for wall fixing.**
- **Cable from 600 to 2500 mm.**

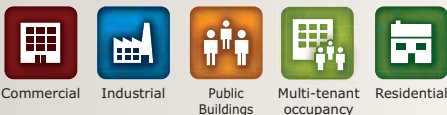
- Frequency: 433 MHz.
- Cable: RG58 / RG174,
- Transmission capacity: 50 Ohm.



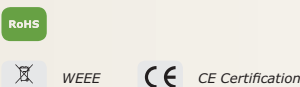
CODE	REFERENCE	DESCRIPTION
F0103000029	SEA433	433 MHZ RF AERIAL - 3500MM
F1014000005	SEA433L	433 MHZ RF AERIAL - 600MM

RF remote transmitter wall holders

SESMT0



- **RF transmitter wall holders.**
- **Colours:** Anthracite grey or light grey.
- Dimensions (L x W x D): 94 x 52 x 21,5mm.







CODE	REFERENCE	DESCRIPTION
F1014000016	SESMT0303	ANTHRACITE GREY RF TRANSMITTER WALL HOLDER
F1014000017	SESMT03	LIGHT GREY RF TRANSMITTER WALL HOLDER

* Refer to Limited Lifetime Warranty Conditions.

COMPARISON TABLE

► INFRARED PHOTOCELLS

	INFRARED PHOTOCELLS			
	SEF2405	SEF2410	SEF2420	CI10M
General features				
Infrared cell model	Flat	Flat	Adjustable	HRV
Range (In meters)	5	10	20	10
Optics	Fixed	Fixed	Adjustable	Fixed
Standard/Synchronized/Encoded	-	-	-	-
Material	Polycarbonate	Polycarbonate	Polycarbonate	Aluminium cast
Mechanical properties				
Dimensions L x W x D (In mm)	90 x 60 x 22	90 x 60 x 22	90 x 60 x 60	98,5 x 68,5 x 68,5
Degree of protection	55	55	55	55
Electrical properties				
Input voltage AC/DC	12/24V	12/24V	12/24V	12/24V
Cons. transmitter in 12V ac/dc (In mA)	15	45	45	45
Cons. Receiver in 12V ac/dc (In mA)	16	34	34	34
Cons. Transmitter in 24V ac/dc (In mA)	35	42	42	42
Cons. Receiver in 24V ac/dc (In mA)	27	34	34	34
Recommended environment				
				
	Page 209	Page 209	Page 209	Page 210

- (1) Synchronized = 12 or 24V ac input voltage, the synchronized mode allow a simultaneous using of 2 x 2 infrared cells, without interferences between them.
- (2) Encoded = 12 or 24V ac/dc input voltage, the encoded mode allow a simultaneous using of 4 x 2 infrared cells, without interferences between them.



SEF2405



SEF2410



SEF2420



CI10M



Tertiaire



Industriel



ERP**



Résidentiel
collectif



Résidentiel



INFRARED PHOTOCELLS

	CI20M	SEFM2405	SEFM2410	SEFM2420	SEFMC2410	SEFMC2420
	HRV	Mini-cell	Mini-cell	Mini-cell	Mini-cell	Mini-cell
	20	5	10	20	10	20
	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
	-	-	Synchronized ⁽¹⁾	Synchronized ⁽¹⁾	Encoded ⁽²⁾	Encoded ⁽²⁾
	Aluminium cast	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
	98,5 x 68,5 x 68,5	105 x 33 x 35	105 x 33 x 35	105 x 33 x 35	105 x 33 x 35	105 x 33 x 35
	55	55	55	55	55	55
	12/24V	12/24V	12/24V	12/24V	12/24V	12/24V
	45	27	27	27	27	27
	34	50	50	50	50	50
	42	27	27	27	27	27
	34	50	50	50	50	50
	Page 210	Page 211	Page 211	Page 211	Page 211	Page 211

RF & INFRARED DEVICES



CI20M



SEFM2405



SEFM2410



SEFM2420



SEFMC2410



SEFMC2420

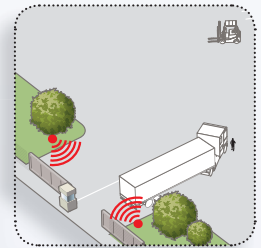
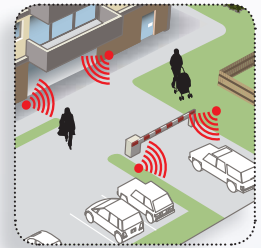
* Refer to Limited Lifetime Warranty Conditions.



A WIDE RANGE OF INFRARED PHOTOCELLS

- **Infrared photocells:**
 - Flat**,
 - Adjustable**,
 - High Resistance to Vandalism**,
 - Mini-cell**.
- **Up to 20 m.**
- **Polycarbonate or aluminium cast**.**
- **Surface mount.**
- **IP55.**
- **Input voltage:**
from 12V to 24V ac/dc.

** According to model.



Example:



Residential

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-entry occupancy



Residential



ERONE[®]
THE SMART LIVING

A WIDE RANGE OF INFRARED PHOTOCELLS

▶ OPTIMISE YOUR SITE CONFIGURATION IN 3 STEPS

I



A wide range of infrared cells (flat, adjustable, vandal-resistant) adapted to suit your requirements.

▶ P. 209



II

▶ POWER SUPPLIES



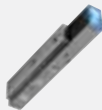
Essential for powering the infrared cells, CDVI provides power supplies that are suitable for all configurations.

▶ P. 268



III

▶ DOOR COMPONENTS



Locking devices

CDVI has a wide range of locking systems that can optimise the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

▶ P. 212



Accessories

To optimise the installation of these products, CDVI offers installation accessories to optimise the security of your sites.

▶ P. 290

RF & INFRARED DEVICES

* Refer to Limited Lifetime Warranty Conditions.



STRAIGHTFORWARD, CUSTOMISABLE INSTALLATION

► INFRARED CELLS FITS FOR ALL YOUR ACCESSES

I

INFRARED CELLS



INFRARED CELLS

- Flat,
- Adjustable,
- High Resistance to Vandalism,
- Mini-cells.

II

POWER SUPPLIES




ARD12
POWER SUPPLY


III

DOOR COMPONENTS

Magnetic lock



Exit push button

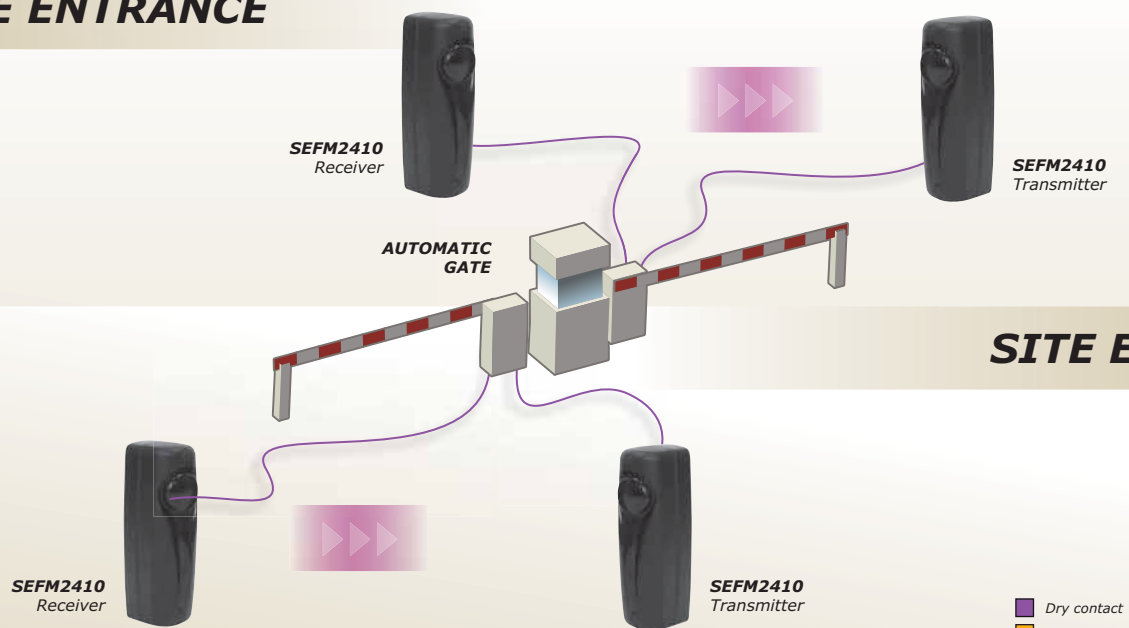



INSTALLATION CONFIGURATION

► SYSTEM BLOCK DIAGRAM: ENCODED INFRARED MINI-PHOTOCELLS (SEFM2410)

SITE ENTRANCE

SITE EXIT



* Refer to Limited Lifetime Warranty Conditions.



FLAT INFRARED PHOTOCELLS / ADJUSTABLE INFRARED PHOTOCELL

▶ A LARGE RANGE OF ACCESSORIES SUITABLE FOR ALL YOUR NEEDS

SEF2405 - SEF2410 Flat infrared photocells - Up to 10 m

SEF2405 - SEF2410
TRANSMITTER



SEF2405 - SEF2410
RECEIVER



- **Compact.**
- **Fixed optics.**
- **UNI8612 and EN12978 compliance.**
- **Range in all environmental conditions (rain, fog, dust):**
SEF2405 = 5m and SEF2410 = 10m.

- Dimensions (L x W x D): 90 x 60 x 22mm.
- Contacts: 1 NO / 1 NC.
- Material: polycarbonate.
- Input voltage: 12/24V ac/dc.
- Consumption in 12V ac/dc:
 - Receiver SEF2405 = 16mA,
 - Transmitter SEF2405 = 15mA,
 - Receiver SEF2410 = 34mA,
 - Transmitter SEF2410 = 45mA.
- Consumption in 24V ac/dc:
 - Receiver SEF2405 = 27mA,
 - Transmitter SEF2405 = 35mA,
 - Receiver SEF2410 = 34mA,
 - Transmitter SEF2410 = 42mA.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

RoHS

WEEE

IP55

CE Certification

-25°C to +70°C

CODE	REFERENCE	DESCRIPTION
F0103000095	SEF2405	FLAT INFRARED CELL - 5M
F0103000096	SEF2410	FLAT INFRARED CELL - 10M

Adjustable infrared photocell - 20 m **SEF2420**



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- **Adjustable optics.**
- **UNI8612 and EN12978 compliance.**
- **Range in all environmental conditions (rain, fog, dust):** 20 m.

- Dimensions (L x W x D): 90 x 60 x 60mm.
- Contacts: 1 NO / 1 NC.
- Material: polycarbonate.
- Input voltage: 12/24V ac/dc.
- Consumption in 12V ac/dc:
 - Receiver = 34mA,
 - Transmitter = 45mA.
- Consumption in 24V AC/DC:
 - Receiver = 34 mA,
 - Transmitter = 42 mA.



TRANSMITTER



RECEIVER

RoHS

WEEE

IP55

CE Certification

-10°C to +55°C

CODE	REFERENCE	DESCRIPTION
F0103000097	SEF2420	ADJUSTABLE INFRARED CELL - 20M

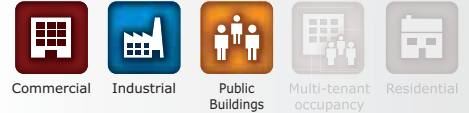
* Refer to Limited Lifetime Warranty Conditions.



HRV INFRARED PHOTOCELLS

▶ A LARGE RANGE OF ACCESSORIES TO COMPLETE YOUR INSTALLATION

CI10M - CI20M HRV infrared photocells - Up to 20m

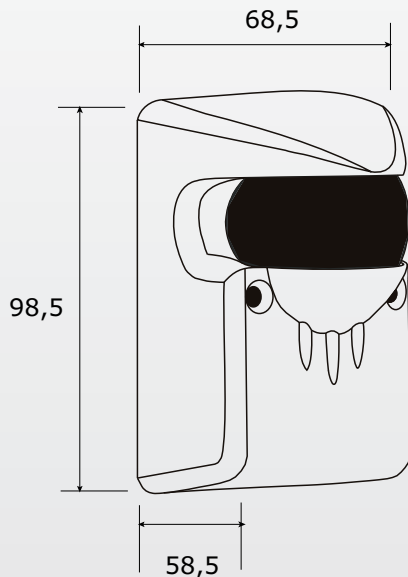


CI20M
TRANSMITTER



CI20M
RECEIVER

H.R.V.
HIGH RESISTANCE
TO VANDALISM



- **Housing:** Aluminium cast.
- **Fixed or adjustable optical lens.**
- **Fine angle adjustment for alignment.**
- **Detection range:**
 - CI10M = 10m,
 - CI20M = 20m.
- **Colour:** Grey.
- **Fixing:** DiAx® screw.
- **UNI8612 and EN12978 compliance.**
- **NO/NC output contacts.**

- **Dimensions (L x W x D):** 98,5 x 68,5 x 58,5mm.
- Changeover relay.
- **Input voltage:** 12 / 24V ac/dc.
- **Consumption 12 V ac/dc:**
 - Receiver = 34 mA,
 - Transmitter = 45 mA.
- **Consumption 24V ac/dc:**
 - Receiver = 34mA,
 - Transmitter = 42mA.

RoHS

WEEE

IP55

CE Certification

-25°C to +55°C

Environmental test:
Salt spray

CODE	REFERENCE	DESCRIPTION
F0103000058	CI10M	GREY HRV INFRARED CELLS - 10M
F0103000059	CI20M	GREY HRV INFRARED CELLS - 20M

* Refer to Limited Lifetime Warranty Conditions.



ERONE INFRARED MINI-CELLS

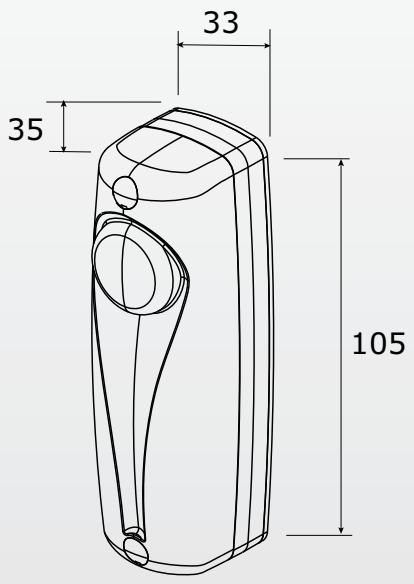
▶ A LARGE RANGE OF ACCESSORIES SUITABLE FOR ALL YOUR NEEDS

SEFM Infrared mini-cells - Up to 20m

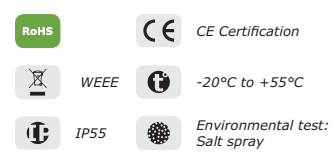


TRANSMITTER

RECEIVER

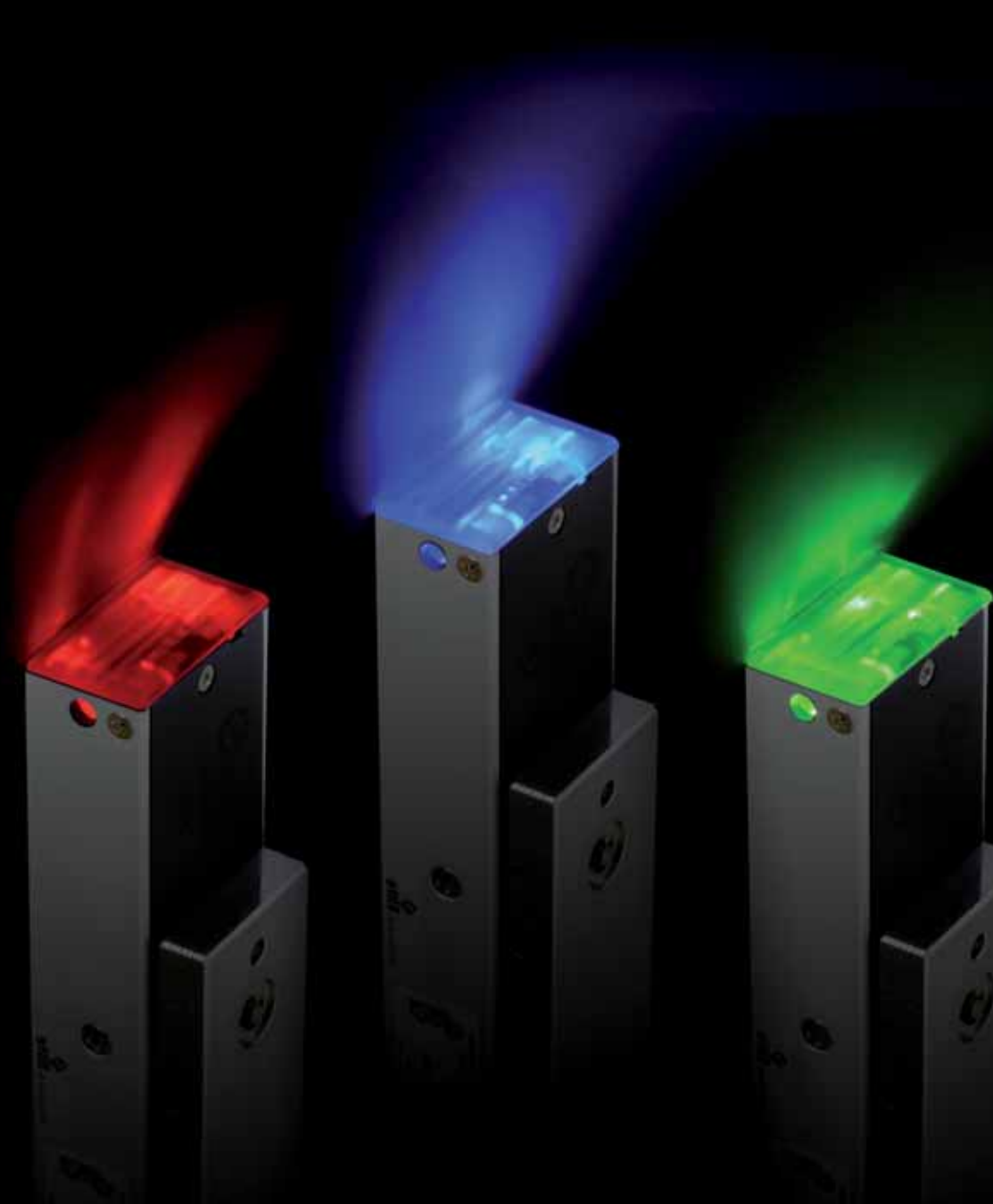


- **Compact.**
- **Adjustable optics.**
- **3 modes:**
 - **STANDARD**
1 infrared mini-cell receiver with 1 infrared mini-cell transmitter.
 - **SYNCHRONIZED**
the synchronized mode allows the simultaneous use of 2 x 2 infrared mini-cells, without interference between them.
 - **ENCODED**
the encoded mode allows the simultaneous use of 4 x 2 infrared cells, without interference between them.
- **Range in all environmental conditions (rain, fog, dust):**
 - SEFM2405 = 5m,
 - SEFM2410 / SEFMC2410 = 10m,
 - SEFM2420 / SEFMC2420 = 20m.
- Dimensions (L x W x D): 105 x 33 x 35mm.
- Contacts: 1 NO / 1 NC.
- Material: polycarbonate.
- Adjustable optics: Up to 5°.
- Input voltage: 12/24V ac/dc.
- Consumption 12/24V ac/dc:
 - Receiver = 50mA,
 - transmitter = 27mA.



CODE	REFERENCE	DESCRIPTION
F010300098	SEFM2405	INFRARED MINI-CELL - 5M
F010300088	SEFM2410	SYNCHRONIZED INFRARED MINI-CELL - 10M
F010300099	SEFM2420	SYNCHRONIZED INFRARED MINI-CELL - 20M
F110000002	SEFMC2410	ENCODED INFRARED MINI-CELL - 10M
F110000003	SEFMC2420	ENCODED INFRARED MINI-CELL - 20M

* Refer to Limited Lifetime Warranty Conditions.





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



1] STRIKES

COMPARISON TABLE P. 214

FIREDOOR STRIKE

- **GPCF12** FIREDOOR STRIKES 12 V DC P. 216

MORTICE STRIKES SYMMETRICAL AND REVERSIBLE

- **SP** SYMMETRICAL STRIKES MONITORED P. 217
- **S** SYMMETRICAL STRIKES P. 218
- **GUN** REVERSIBLE UNIVERSAL STRIKES P. 219
- **T290S** STRIKE S + FACEPLATE P. 220
- **GI56** STAINLESS STEEL STRIKES + FACEPLATE P. 221

SURFACE MOUNT STRIKES SYMMETRICAL AND REVERSIBLE

- **GF** CAST-STEEL REVERSIBLE SURFACE MOUNT STRIKES P. 223
- **GBR** BRONZE REVERSIBLE SURFACE MOUNT STRIKES P. 224
- **GAR** BRONZE SURFACE MOUNTING STRIKES P. 225

STRIKES FOR GLASS DOORS

- **GSV** STRIKE + CASE KITS FOR GLASS DOORS P. 225

PANIC PUSH BAR STRIKES

- **GAP12** UNIVERSAL ELECTRIC STRIKES FOR PANIC PUSH BAR P. 226
- **MECATP** ELECTRIC STRIKES BODY FOR PANIC PUSH BAR P. 226

ACCESSORIES

- **BGAP/BATP** ELECTRIC STRIKE CASING FOR PANIC PUSH BAR P. 227
- **CPDT** MICROSWITCH KEEP P. 227
- **BTPG1** STRIKE TIMER P. 227
- **FACEPLATES** P. 222

2] ELECTROMAGNETIC LOCKS

COMPARISON TABLE P. 228

ILLUMINATED SURFACE MOUNT ELECTROMAGNETIC LOCKS

- **V3S** 300-KG ELECTROMAGNETIC LOCK P. 230
- **V3SR** 300-KG ELECTROMAGNETIC LOCK + RELAY/MONITORED P. 230
- **V3SRB** 300-KG ELECTROMAGNETIC LOCK + RELAY/MONITORED + BUZZER P. 230
- **V4S** 400-KG ELECTROMAGNETIC LOCK P. 230
- **V4SR** 400-KG ELECTROMAGNETIC LOCK + RELAY/MONITORED P. 230
- **V4SRB** 400-KG ELECTROMAGNETIC LOCK + RELAY/MONITORED + BUZZER P. 230
- **V5S** 500-KG ELECTROMAGNETIC LOCK P. 230
- **V5SR** 500-KG ELECTROMAGNETIC LOCK + RELAY/MONITORED P. 230
- **V5SRB** 500-KG ELECTROMAGNETIC LOCK + RELAY/MONITORED + BUZZER P. 230

DOUBLE SURFACE MOUNT ELECTROMAGNETIC LOCKS

- **SD300** 300-KG DOUBLE ELECTROMAGNETIC LOCK P. 232
- **SD300M** 300-KG DOUBLE ELECTROMAGNETIC LOCK + MONITORED P. 232
- **SD500** 500-KG DOUBLE ELECTROMAGNETIC LOCK P. 232
- **SD500M** 500-KG DOUBLE ELECTROMAGNETIC LOCK + MONITORED P. 232

NARROW SURFACE MOUNT ELECTROMAGNETIC LOCKS

- **V1SR** 180-KG NARROW ELECTROMAGNETIC LOCK + MONITORED P. 233

STAINLESS-STEEL SURFACE MOUNT ELECTROMAGNETIC LOCKS

- **I180SR** 180-KG SURFACE MOUNT ELECTROMAGNETIC LOCK + MONITORED P. 234
- **I400SR** 400-KG SURFACE MOUNT ELECTROMAGNETIC LOCK + MONITORED P. 234
- **I500SR** 500-KG SURFACE MOUNT ELECTROMAGNETIC LOCK + MONITORED P. 234

MORTICE ELECTROMAGNETIC LOCKS

- **V3E** 300-KG ELECTROMAGNETIC LOCK P. 235
- **V3ER** 300-KG ELECTROMAGNETIC LOCK + MONITORED P. 235
- **V3E35R** 300-KG ELECTROMAGNETIC LOCK (WIDTH 35MM) + MONITORED P. 235
- **V3E36R** 300-KG ELECTROMAGNETIC LOCK (WIDTH 36MM) P. 235
- **V4E** 400-KG ELECTROMAGNETIC LOCK P. 235
- **V4ER** 400-KG ELECTROMAGNETIC LOCK + MONITORED P. 235
- **V5E** 500-KG ELECTROMAGNETIC LOCK P. 235

MORTICE STAINLESS STEEL ELECTROMAGNETIC LOCKS

- **I180ER** 180-KG STAINLESS-STEEL ELECTROMAGNETIC LOCK + MONITORED P. 236
- **I300ER** 300-KG STAINLESS-STEEL ELECTROMAGNETIC LOCK + MONITORED P. 236
- **I500E** 500-KG STAINLESS-STEEL ELECTROMAGNETIC LOCK P. 236

NARROW MORTICE ELECTROMAGNETIC LOCKS

- **V1ER** 180-KG NARROW ELECTROMAGNETIC LOCK P. 237
- **V3E32** 300-KG NARROW ELECTROMAGNETIC LOCK P. 237

MORTICE ELECTROMAGNETIC LOCKS WITHOUT BRACKETS

- **V3NU** 300-KG ELECTROMAGNETIC LOCK P. 238
- **V4NU** 400-KG ELECTROMAGNETIC LOCK P. 238
- **V5NU** 500-KG ELECTROMAGNETIC LOCK P. 238

SHEARLOCK ELECTROMAGNETIC LOCKS

- **PWM25ER** 800-KG MORTICE ELECTROMAGNETIC LOCK + MONITORED P. 239
- **PWM25SR** 800-KG SURFACE MOUNT ELECTROMAGNETIC LOCK + MONITORED P. 239
- **PWM25SRSP** 800-KG SURFACE MOUNT ELECTROMAGNETIC LOCK + MONITORED + RAL P. 239
- **PWM25SRRALNOIR** SURFACE MOUNT ELECTROM. LOCK + MONITORED + BLACK RAL P. 239
- **CZ3000** 1500-KG MORTICE SHEARLOCK ELECTROMAGNETIC LOCK + MONITORED P. 240
- **SHL1200** 1200-KG MORTICE SHEARLOCK ELECTROMAGNETIC LOCK + MONITORED P. 241

ROUND ELECTROMAGNETIC LOCKS

- **V250D80** ROUND ELECTROMAGNETIC LOCK - Ø 80MM P. 241
- **V250D80R** ROUND ELECTROMAGNETIC LOCK - Ø 80MM + MONITORED P. 241

RF ELECTROMAGNETIC LOCKS

- **VR3** 300-KG RF ELECTROMAGNETIC LOCK P. 242
- **VR4** 400-KG RF ELECTROMAGNETIC LOCK P. 242
- **VR5** 500-KG RF ELECTROMAGNETIC LOCK P. 242

ACCESSORIES

- **L/Z/ES** MOUNTING BRACKETS P. 243
- **AMA** SURFACE ARMATURE HOUSINGS P. 244
- **UBK** GLASS DOOR BRACKETS P. 244
- **TPV** ELECTROMAGNETIC LOCK TIMER 12/24V DC P. 244
- **KVU** UNIVERSAL FASTENING KIT P. 245
- **CABV** ELECTROMAGNETIC LOCK EXTENSION LEAD P. 245
- **DPM300/DPM400/DPM500** DOOR POSITION MONITORING P. 245

3] RETROFIT HOUSINGS AND HANDLES

COMPARISON TABLE P. 246

HOUSINGS

- **BO600RP** 2 X 300-KG VERTICAL RETROFIT HOUSINGS P. 248
- **BO600RH** 2 X 300-KG HORIZONTAL RETROFIT HOUSINGS P. 249
- **BO800RN** 2 X 400-KG RETROFIT HOUSINGS P. 250

HANDLES

- **P300RP** 300-KG RETROFIT HANDLE P. 251
- **P600RP** 2 X 300-KG RETROFIT HANDLE P. 251
- **PBO400RN40** 400-KG RETROFIT HANDLE P. 252
- **PBO800RN60** 2 X 400-KG RETROFIT HANDLE P. 252
- **PWM25PSR** SELF-ALIGNING MAGNETIC SHEARLOCK WITH HANDLE + MONITORED P. 253

ACCESSORIES

- **PRP800** REINFORCEMENT SECTION WITH HANDLE [DOOR OPPOSITE SIDE] P. 254
- **UBK25** GLASS DOOR BRACKETS P. 254
- **ALMA** ALUMINIUM CABLE TRAY P. 254
- **REO** ALUMINIUM RAIL SPACERS P. 255
- **REOMA** 2 ALUMINIUM CABLE TRAY / 4 ALUMINIUM RAIL SPACERS KIT P. 255
- **CABB** RETROFIT HOUSING EXTENSION LEAD P. 255

4] SOLENOID BOLTS

COMPARISON TABLE P. 256

SOLENOID BOLTS

- **FL** ANTI-PANIC SOLENOID BOLTS P. 258
- **DX4000** SOLENOID BOLTS WITH KEY OVERRIDE + MONITORED P. 259
- **DX200I** SOLENOID BOLTS P. 260
- **DX** ELECTRIC LOCKS P. 261
- **DY** ELECTRIC LOCKS [APPROVED BY THE RABBINICAL COURT OF PARIS] P. 261
- **SDA** DOUBLE-ACTION ELECTRIC LOCKS + MONITORED P. 262

5] MOTORISED LOCK

- **MVA** MOTORISED DEADBOLT P. 263
- **MVM** MOTORISED DEADBOLT WITH MANUAL UNLOCK P. 263
- **MVM2C** MOTORISED DEADBOLT WITH MANUAL UNLOCK (2 CYLINDERS) P. 263

6] INTERLOCKING CONTROLLER

- **SASIC** INTERLOCK MANAGEMENT CONTROLLER P. 266
- **SASCP** CONTROL PANEL FOR INTERLOCK P. 266

* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-entry occupancy



Residential



STRIKES

SURFACE MOUNT

ANTI-PANIC

GF						GBR						GAR						GSVC12			GAP12				MECATP					
GF9011	GF9012	GF9047	GF12011	GF12012	GF12047	GBR9011	GBR12011	GBR9012	GBR12012	GBR9047	GBR12047	GARH12	GARHT12	GARH112	GARV12	GARVT12	GARVI12	GSVC12	GSVCT12	GSVC112	GAP12	GAP1P12	GAPP12	GAPT12	GAP112	MECATP12	MECATP12	MECATP12	MECATP12	MECATP12
90 x 50 x 54,5			120 x 50 x 54,5			90 x 50 x 54,5			120 x 50 x 54,5			90 x 50 x 56			120 x 50 x 56,5			190 x 45 x 39			140 x 39 x 24				75 x 34 x 21					
Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	Yes	-	-	Yes	Yes	-	Yes	Yes	-	Yes	Yes	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
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Cast steel			Bronze			Aluminium			Steel			Cast aluminium				Cast aluminium														
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Yes	-	-	Yes	-	-	Yes	Yes	-	-	-	-	Yes	-	-	Yes	-	-	Yes	-	Yes	-	Yes	-	-	Yes	Yes	-	-	-	
-	Yes	-	-	Yes	-	-	-	Yes	Yes	-	-	-	Yes	-	Yes	-	-	Yes	-	-	-	-	Yes	-	-	-	-	Yes	-	
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620	620	210	620	620	210	620	620	210	620	620	210	380	380	160	380	380	160	630	630	200	1150	170	1150	1150	170	1150	1150	1150	170	170
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Page 223



Page 224



Page 225



Page 225



Page 226



Page 226



HOLDING WORK OR DOOR OPERATED RELOCKS

The strike is unlocked by pressing the open button once only. This operation releases the door permanently until the door is crossed. When it closes, the strike is reactivated. It is identified by the letter: T.

Example: STR.

Available with invisible holding work. It is identified by the letters: INV.

Example: STRINV.



FAIL-SAFE

Strike operational when not receiving power. This function is recommended for public locations. Add the desired voltage after the reference. It is identified by the letter: I.

Example: SIR.



STRIKE WITH ON-BOARD MICROSWITCH FOR FEEDBACK

This version is equipped with a highly reliable microswitch with gold-plated contacts that make it suitable for a broad range of applications for security and alarm installations, especially for opening one door while automatically locking another and vice-versa (interlocking controller). It is identified by the letter: P.

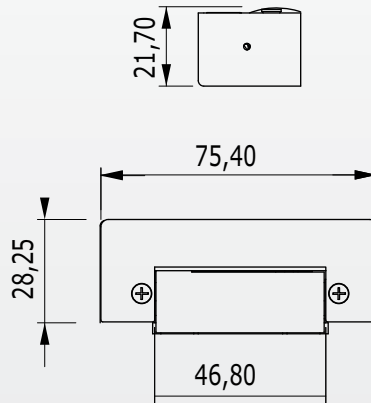
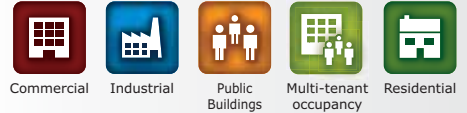
Example: SPR.



STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

GPCF Electric release for fire rated door



- **Firerated:** EN 1634-1 (120 mn).
- **Steel.**
- **200mm pre-wired cable.**
- **Symmetrical.**
- **Reversible.**
- **Mortice.**
- **Compact.**
- **Fail-secure.**
- **Available in versions:**
 - 12 V AC/DC = GPCF12,
 - 12 V CC = GPCF12CC,
 - 24 V CC = GPCF24CC.
- **Options (stainless steel faceplates):**
 - "T11",
 - "T290".
- **Built-in varistor (Electronic protection to eliminate back EMF).**
 - Input voltage: 12/24V ac/dc.
 - Fail-secure consumption ac/dc:
 - 12V ac = 540mA,
 - 12V dc = 630mA.
 - Fail-secure consumption (dc) CC type** (direct current):
 - 12V dc = 380mA,
 - 24V dc = 190mA.

Recommended power supplies



ELECTRONIC PROTECTION TO ELIMINATE BACK EMF. (VARISTOR SUPPLIED)

RoHS

WEEE

CE CE Certification

CODE	REFERENCE	DESCRIPTION
F054500001	GPCF12	FAIL-SECURE SYMMETRICAL FIREDOOR STRIKE 12 V AC/DC
F054500002	GPCF12CC	FAIL-SECURE SYMMETRICAL FIREDOOR STRIKE 12 V DC (CONTINUOUS DUTY)**
F054500003	GPCF24CC	FAIL-SECURE SYMMETRICAL FIREDOOR STRIKE 24 V DC (CONTINUOUS DUTY)**

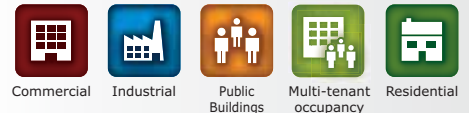
* Refer to Limited Lifetime Warranty Conditions.
 ** CC Type: For unlocked door or continuous duty.



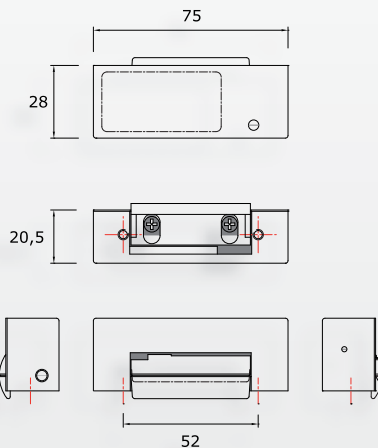
DIAx STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

SP Symmetrical strikes monitored



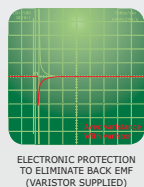
SPR12



- **Monitored.**
- **Terminal block.**
- **Symmetrical.**
- **Reversible.**
- **Mortice.**
- **Compact.**
- **Adjustable jaw.**
- **Fail-secure or fail-safe.**
- **Faceplate options (Page 222):**
 - "T11",
 - "T290".
- **Built-in varistor (Electronic protection to eliminate back EMF).**
- Dimensions (L x W x D): 75 x 20.5 x 28mm.
- Electric strike for doors opening to left or to right.
- Adjustable jaw (tolerance of 4mm).
- Input voltage: 12V or 24V (according to model).
- "Fail-secure" ac/dc consumption:
 - 12V ac = 540mA,
 - 12V dc = 630mA.
- "Fail-secure" consumption (dc), CC type** (direct current):
 - 12V dc = 380mA.
 - 24V dc = 190mA.
- "Fail-safe" consumption (only for the SPIR version):
 - 12V dc = 200mA.
 - 24V dc = 100mA.

Recommended power supplies

ARD212	BS60
ARD24	BS24



CODE	REFERENCE	DESCRIPTION
F050200041	SPR12	FAIL-SECURE SYMMETRICAL STRIKE TIMED RELOCK 12V AC/DC ⁴
F050200044	SPR12CC	FAIL-SECURE SYMMETRICAL STRIKE TIMED RELOCK 12V DC (CONTINUOUS DUTY) ⁴
F050200042	SPR24CC	FAIL-SECURE SYMMETRICAL STRIKE TIMED RELOCK 24V DC (CONTINUOUS DUTY) ⁴
F050200040	SPIR12	FAIL-SAFE SYMMETRICAL STRIKE 12V DC ⁴
F050200043	SPIR24	FAIL-SAFE SYMMETRICAL STRIKE 24V DC ⁴

* Refer to Limited Lifetime Warranty Conditions.
 ** CC Type: For unlocked door or continuous duty.

1 - Holding work
 2 - Holding work
 3 - Switch latch position lever
 4 - Latch position switch



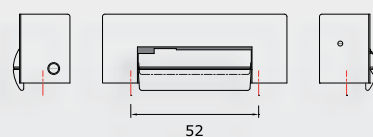
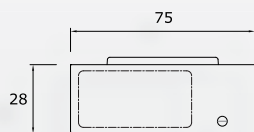
STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

S Symmetrical strikes



SDR12



ELECTRONIC PROTECTION TO ELIMINATE BACK EMF.



ADJUSTABLE JAW 4MM



INTEGRATED VARISTOR



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- **Terminal block.**
- **Symmetrical.**
- **Reversible.**
- **Mortice.**
- **Compact.**
- **Adjustable jaw.**
- **Timed relock or Door operated relocks.**
- **Fail-secure or fail-safe.**
- **Optional: Stainless-steel faceplate**
- **Faceplate in option (Page 222):**
 - "T11",
 - "T290".
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- Dimensions (L x W x D): 75 x 20.5 x 28mm.
- Electric strike for doors opening to left or to right.
- Adjustable jaw (tolerance of 4mm).
- Input voltage: 12V or 24V (according to model).
- "Fail-secure" Ac/dc consumption:
 - 12V ac = 540mA,
 - 12V dc = 630mA.
- "Fail-secure" consumption (dc), CC type** (direct current):
 - 12V dc = 380mA.
 - 24V dc = 190mA.
- "Fail-safe" consumption (only for the SIR version):
 - 12V dc = 200mA.
 - 24V dc = 100mA.

RoHS

WEEE

CE Certification

Recommended power supplies



ARD212

BS60

ARD24

BS24

CODE	REFERENCE	DESCRIPTION
F0502000011	SR12	FAIL-SECURE SYMMETRICAL STRIKE TIMED RELOCKS 12V AC/DC
F0502000017	SR12CC	FAIL-SECURE SYMMETRICAL STRIKE TIMED RELOCK 12V DC (CONTINUOUS DUTY)
F0502000018	SR24CC	FAIL-SECURE SYMMETRICAL STRIKE TIMED RELOCK 24V DC (CONTINUOUS DUTY)
F0502000012	SDR12	FAIL-SECURE SYMMETRICAL STRIKE TIMED RELOCK 12V AC/DC ³
F0502000013	STR12	FAIL-SECURE SYMMETRICAL STRIKE DOOR OPERATED RELOCK 12V AC/DC ¹
F0502000014	STRINV12	FAIL-SECURE SYMMETRICAL STRIKE DOOR OPERATED RELOCK 12V AC/DC ²
F0502000015	SDTR12	FAIL-SECURE SYMMETRICAL STRIKE DOOR OPERATED RELOCK 12V AC/DC ^{1 3}
F0502000019	SIR12	FAIL-SAFE SYMMETRICAL STRIKE 12V DC
F0502000020	SIR24	FAIL-SAFE SYMMETRICAL STRIKE 24V DC

* Refer to Limited Lifetime Warranty Conditions.
 ** CC Type: For unlocked door or continuous duty.

1 - Holding work
 2 - Holding work
 3 - Switch latch position lever
 4 - Latch position switch



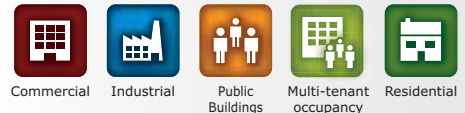
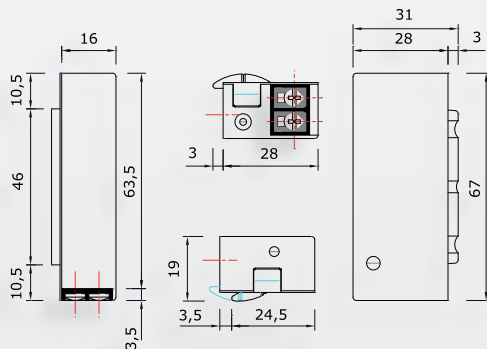
DIA X STRIKES

► A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

GUN Universal symmetrical strike, reversible

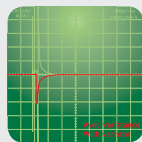


GUNDRR12



- Terminal block.
- Suitable for narrow sections.
- Width 16mm.
- Reversible.
- Symmetrical.
- Ideal for your repair work (repairs, replacements).
- Mortice.
- Adjustable jaw.
- Fail-secure.
- Faceplate options (Page 222):
 - "T11",
 - "T290".
- Timed relock or Door operated relocks.
- Built-in varistor (Electronic protection to eliminate back EMF).
- Dimensions (L x W x D): 67 x 16 x 28mm. Input voltage: 12V or 24V ac/dc (according to model).
- Consumption (ac/dc):
 - 12V ac = 530mA,
 - 12V dc = 620mA,
 - 24V ac = 315mA,
 - 24V dc = 375mA.
- Consumption (dc), CC type (direct current):
 - 12V dc = 380mA,
 - 24V dc = 140mA.

Recommended power supplies



ELECTRONIC PROTECTION TO ELIMINATE BACK EMF



ADJUSTABLE JAW 4MM



CODE	REFERENCE	DESCRIPTION
F0541000001	GUNRR12	FAIL-SECURE REVERSIBLE STRIKES TIMED RELOCK 12V AC/DC
F0541000008	GUNRR24	FAIL-SECURE REVERSIBLE STRIKES TIMED RELOCK 24V AC/DC
F0541000002	GUNRCC12	FAIL-SECURE REVERSIBLE STRIKES TIMED RELOCK 12V DC
F0541000003	GUNRCC24	FAIL-SECURE REVERSIBLE STRIKES TIMED RELOCK 24V DC
F0541000004	GUNDRR12	FAIL-SECURE REVERSIBLE STRIKES TIMED RELOCK 12V AC/DC ³
F0541000005	GUNTRR12	FAIL-SECURE REVERSIBLE STRIKES DOOR OPERATED RELOCK 12V AC/DC ¹
F0541000006	GUNDRR12	FAIL-SECURE REVERSIBLE STRIKES DOOR OPERATED RELOCK 12V AC/DC ²

* Refer to Limited Lifetime Warranty Conditions.
 ** CC Type: For unlocked door or continuous duty.

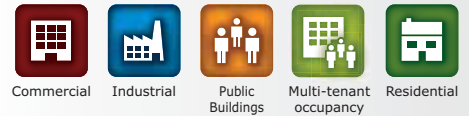
1 - Holding work
 2 - Holding work
 3 - Switch latch position lever
 4 - Latch position switch



STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

T290S «S» Strike and T290 Faceplate

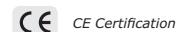
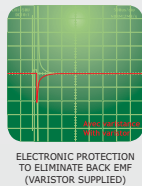


- **Terminal block.**
- **Installed faceplate.**
- **Symmetrical.**
- **Reversible.**
- **Mortice.**
- **Adjustable jaw.**
- **Timed relock or Door operated relocks.**
- **Fail-secure or fail-safe.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- Dimensions:
 - Strike (L x W x D): 75 x 20.5 x 28mm,
 - Faceplate (L x W x D): 250 x 25 x 3mm.
- Adjustable jaw (tolerance of 4mm).
- Input voltage: 12V or 24V (according to model).
- "Fail-secure" Ac/dc consumption:
 - 12V ac = 540mA,
 - 12V dc = 630mA.
- "Fail-secure" consumption (dc), CC type** (direct current):
 - 12V dc = 380mA.
 - 24V dc = 190mA.
- "Fail-safe" consumption (only for the SIR version):
 - 12V dc = 200mA.
 - 24V dc = 100mA.

Recommended power supplies

	
ARD212	BS60
	
ARD24	BS24



CODE	REFERENCE	DESCRIPTION
F0513000021	T290SR12	FAIL-SECURE STRIKE + SYMMETRICAL FACEPLATE TIMED RELOCKS 12V AC/DC
F0513000017	T290SIR12	FAIL-SAFE STRIKE + SYMMETRICAL FACEPLATE 12V DC
F0513000026	T290SIR24	FAIL-SAFE STRIKE + SYMMETRICAL FACEPLATE 24V DC
F0513000025	T290STR12	FAIL-SECURE STRIKE + SYMMETRICAL FACEPLATE DOOR OPERATED RELOCKS 12V AC/DC
F0513000027	T290STR24	FAIL-SECURE STRIKE + SYMMETRICAL FACEPLATE DOOR OPERATED RELOCKS 24V AC/DC
F0513000011	T290STRINV12	FAIL-SECURE STRIKE + SYMMETRICAL FACEPLATE DOOR OPERATED RELOCKS 12V AC/DC ²
F0513000024	T290SDR12	FAIL-SECURE STRIKE + SYMMETRICAL FACEPLATE DOOR OPERATED RELOCKS 12V AC/DC ³
F0513000023	T290SDTR12	FAIL-SECURE STRIKE + SYMMETRICAL FACEPLATE DOOR OPERATED RELOCKS 12V AC/DC ^{1 3}
F0513000016	T290SDTRINV12	FAIL-SECURE STRIKE + SYMMETRICAL FACEPLATE DOOR OPERATED RELOCKS 12V AC/DC ^{2 3}

* Refer to Limited Lifetime Warranty Conditions.
 ** CC Type: For unlocked door or continuous duty.

1 - Holding work
 2 - Holding work
 3 - Switch latch position lever
 4 - Latch position switch



STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

GI56 Faceplate + Symmetrical stainless steel strike

875KG RESISTANCE CERTIFIED **

INOX



GI5647



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- **All stainless steel.**
- **Can withstand 875 kg**.**
- **Symmetrical.**
- **Reversible.**
- **Mortice.**
- **Faceplate with deadbolt keep.**
- **Fail-secure or fail-safe.**
- **Varistor supplied (Electronic protection to eliminate back EMF).**

- Dimensions:
 - Strike (L x W x D): 76 x 16 x 26mm,
 - Faceplate (L x W x D): 250 x 25 x 3mm.
- Symmetrical electrical strike
- Faceplate supplied.
- Input voltage: 12V ac/dc.
- "Fail-secure" consumption:
 - 12 V AC = 370 mA,
 - 12 V DC = 580 mA.
- "Fail-safe" consumption:
 - 12 V DC = 150 mA.

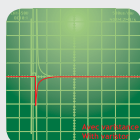
**PATENTED,
BREVETE**

Recommended power supplies



ARD212

BS60



ELECTRONIC PROTECTION TO ELIMINATE BACK EMF (VARISTOR SUPPLIED)



CODE	REFERENCE	DESCRIPTION
F053700002	GI5611	FAIL-SECURE FLUSH MOUNT STRIKE TIMED RELOCK 12V AC/DC + STAINLESS-STEEL FACEPLATE
F053700001	GI5647	FAIL-SAFE FLUSH MOUNT STRIKE 12V DC + STAINLESS-STEEL FACEPLATE

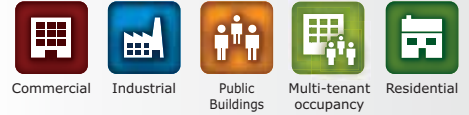
* Refer to Limited Lifetime Warranty Conditions.
** Test report available on request



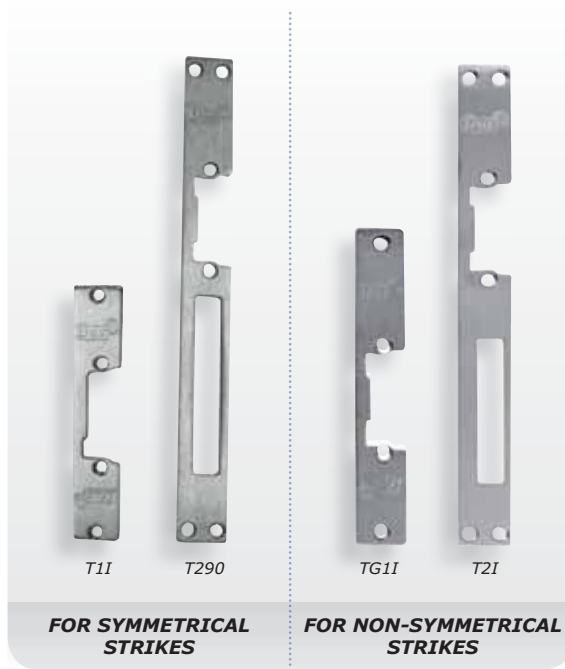
STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

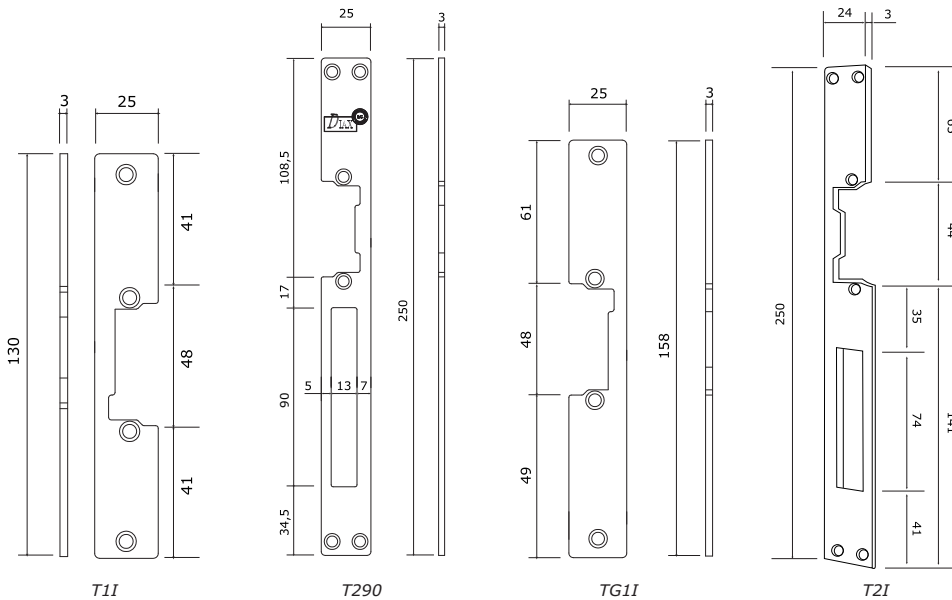
T Faceplates



INOX



- **T1I**
Stainless-steel faceplate for Symmetrical strikes.
- **T290**
Stainless-steel faceplate for Symmetrical and non-Symmetrical strikes. Surface between the latch and deadbolt of the lock: 17mm.
- **TG1I**
Stainless-steel faceplate for Symmetrical and non-Symmetrical strikes.
- **T2I**
Stainless-steel Faceplate with deadbolt keep. Surface between the latch and deadbolt of the lock: 35mm.



CODE	REFERENCE	DESCRIPTION
F0511000010	T1I	130-MM STAINLESS-STEEL FACEPLATE WITH DEADBOLT KEEP
F0511000025	T290	250-MM STAINLESS-STEEL FACEPLATE WITH DEADBOLT KEEP - SURFACE BETWEEN LATCH AND DEADBOLT > 17MM
F0511000014	TG1I	158-MM STAINLESS-STEEL FACEPLATE WITH DEADBOLT KEEP
F0511000018	T2I	250-MM STAINLESS-STEEL FACEPLATE WITH DEADBOLT KEEP - SURFACE BETWEEN LATCH AND DEADBOLT > 35MM

* Refer to Limited Lifetime Warranty Conditions.



STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

GF

Cast steel reversible Surface mount strikes

MORE THAN 500 KG RESISTANCE



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



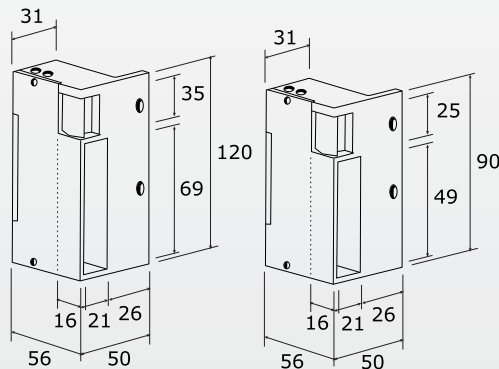
Residential



GF120
(Vertical - 120 mm)



GF90
(Horizontal - 90 mm)



- **Reversible (Patented).**
- **Holding force (Test report on demand):**
 - GF90 = 529kg,
 - GF120 = 502kg.
- **Surface mount:**
 - Horizontal (GF90),
 - Vertical (GF120).
- **Steel strikes.**
- **With keeper for deadbolt.**
- **Fail-secure or fail-safe.**
- **Timed relock or Door operated relocks.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**
- **Non-Symmetrical.**
- **Dimensions (L x W x D):**
 - GF90 = 90 x 50 x 54.5mm,
 - GF120 = 120 x 50 x 54.5mm.
- **Input voltage: 12V ac/dc.**
- **"Fail-secure" consumption:**
 - 12 V AC = 530 mA,
 - 12 V DC = 620 mA.
- **"Fail-safe" consumption:**
 - 12 V DC = 210 mA.

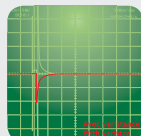
PATENTED, BREVETÉ

Recommended power supplies



ARD212

BS60



ELECTRONIC PROTECTION TO ELIMINATE BACK EMF.



CODE	REFERENCE	DESCRIPTION
F053900001	GF9011	FAIL-SECURE 90-MM HORIZONTAL STEEL REVERSIBLE STRIKE TIMED RELOCKS 12V AC/DC
F053900002	GF9012	FAIL-SECURE 90-MM HORIZONTAL STEEL REVERSIBLE STRIKE DOOR OPERATED RELOCKS 12V AC/DC
F053900004	GF9047	FAIL-SAFE 90-MM HORIZONTAL STEEL REVERSIBLE STRIKE 12V DC
F053900005	GF12011	FAIL-SECURE 120-MM VERTICAL STEEL REVERSIBLE STRIKE TIMED RELOCKS 12V AC/DC
F053900006	GF12012	FAIL-SECURE 120-MM VERTICAL STEEL REVERSIBLE STRIKE DOOR OPERATED RELOCKS 12V AC/DC
F053900008	GF12047	FAIL-SAFE 120-MM VERTICAL STEEL REVERSIBLE STRIKE 12V DC

* Refer to Limited Lifetime Warranty Conditions.

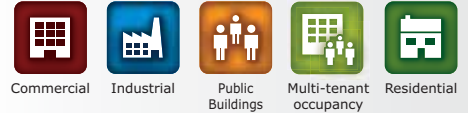


STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

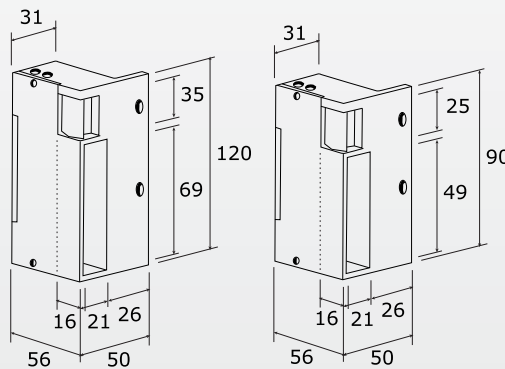
GBR Bronze reversible Surface mount strikes

MORE THAN 500 KG RESISTANCE



GBR120
(Vertical - 120 mm)

GBR90
(Horizontal - 90 mm)



- **Reversible (Patented).**
- **Holding force (Test report on demand):**
 - GBR90 = 705kg,
 - GBR120 = 525kg.
- **Surface mount:**
 - Horizontal (GBR90),
 - Vertical (GBR120).
- **Bronze strikes.**
- **With keeper for deadbolt.**
- **Fail-secure or fail-safe.**
- **Timed relock or Door operated relocks.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**
- **Non-Symmetrical.**
- **Dimensions (L x W x D):**
 - GBR90 = 90 x 50 x 54.5mm,
 - GBR120 = 120 x 50 x 54.5mm.
- **Input voltage: 12V ac/dc.**
- **"Fail-secure" consumption:**
 - 12 V AC = 530 mA,
 - 12 V DC = 620 mA.
- **"Fail-safe" consumption:**
 - 12 V DC = 210 mA.

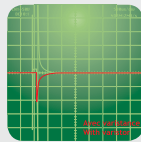
**PATENTED,
BREVETÉ**

Recommended power supplies



ARD212

BS60



ELECTRONIC PROTECTION
TO ELIMINATE BACK EMF.

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F053800001	GBR9011	FAIL-SECURE 90-MM HORIZONTAL BRONZE REVERSIBLE STRIKE TIMED RELock 12V AC/DC
F053800002	GBR9012	FAIL-SECURE 90-MM HORIZONTAL BRONZE REVERSIBLE STRIKE DOOR OPERATED RELock 12V AC/DC
F053800004	GBR9047	FAIL-SAFE 90-MM HORIZONTAL BRONZE REVERSIBLE STRIKE 12V DC
F053800005	GBR12011	FAIL-SECURE 120-MM VERTICAL BRONZE REVERSIBLE STRIKE TIMED RELocks 12V AC/DC
F053800006	GBR12012	FAIL-SECURE 120-MM VERTICAL BRONZE REVERSIBLE STRIKE DOOR OPERATED RELocks 12V AC/DC
F053800008	GBR12047	FAIL-SAFE 120-MM VERTICAL BRONZE REVERSIBLE STRIKE 12V DC

* Refer to Limited Lifetime Warranty Conditions.



STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

GAR

Aluminium reversible surface mount strikes



GARV12
(Vertical - 120 mm)

**PATENTED.
BREVETÉ**



GARH12
(Horizontal - 90 mm)

- **Reversible (Patented).**
- **Surface mount horizontal or vertical.**
- **Fail-secure or fail-safe.**
- **With keeper for deadbolt.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- Non-Symmetrical.
- Dimensions (L x W x D):
 - GARH12 = 90 x 50 x 56mm,
 - GARV12 = 120 x 50 x 56.5mm.
- Input voltage: 12V ac/dc (24V ac/dc on request).
- "Fail-secure" consumption: 12V ac = 270mA and 12V dc= 380mA.
- "Fail-safe" consumption: 12V dc = 160mA.



Recommended power supplies



ARD212



BS60

CODE	REFERENCE	DESCRIPTION
F0506000001	GARH12	FAIL-SECURE 90-MM HORIZONTAL REVERSIBLE SURFACE MOUNT STRIKE TIMED RELOCKS 12V AC/DC
F0506000003	GARHT12	FAIL-SECURE 90-MM HORIZONTAL REVERSIBLE SURFACE MOUNT STRIKE DOOR OPERATED RELOCKS 12V AC/DC
F0506000007	GARHI12	FAIL-SAFE 90-MM HORIZONTAL REVERSIBLE SURFACE MOUNT STRIKE 12V DC
F0506000009	GARV12	FAIL-SECURE 120-MM VERTICAL REVERSIBLE SURFACE MOUNT STRIKE TIMED RELOCKS 12V AC/DC
F0506000011	GARVT12	FAIL-SECURE 120-MM VERTICAL REVERSIBLE SURFACE MOUNT STRIKE DOOR OPERATED RELOCKS 12V AC/DC
F0506000015	GARVI12	FAIL-SAFE 120-MM VERTICAL REVERSIBLE SURFACE MOUNT STRIKE 12V DC

Kits for glass doors

GSVC



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

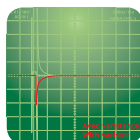
- **Terminal block.**
- **Kit containing:**
 - Lock for glass doors with latch-bolt and follower,
 - Electric strike (S range).
- **Surface mount.**
- **4mm adjustable jaw.**
- **Timed relock or Door operated relocks.**
- **Fail-secure or fail-safe.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- Dimensions (L x W x D): 190 x 45 x 39mm.
- Maximum door thickness: 11mm.
- Input voltage: 12V ac/dc (24V ac/dc on request).
- "Fail-secure" Ac/dc consumption: 12 V AC = 540 mA et 12 V DC = 630 mA.
- "Fail-safe" consumption (only for the GSVCI12 version): 12 V DC = 200 mA.



RoHS

CE Certification



ELECTRONIC PROTECTION TO ELIMINATE BACK EMF



INTEGRATED VARIATOR

Recommended power supplies



ARD212



BS60

CODE	REFERENCE	DESCRIPTION
F0503000004	GSVC12	FAIL-SECURE GLASS-DOOR KIT TIMED RELOCK 12V AC/DC
F0503000006	GSVCT12	FAIL-SECURE GLASS-DOOR KIT DOOR OPERATED RELOCKS 12V AC/DC ¹
F0503000008	GSVCI12	FAIL-SAFE GLASS DOOR KIT 12V DC

* Refer to Limited Lifetime Warranty Conditions.

- 1 - Holding work
- 2 - Holding work
- 3 - Switch latch position lever
- 4 - Latch position switch



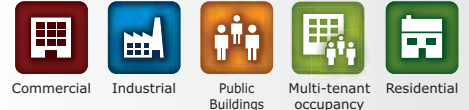
STRIKES

▶ A LARGE RANGE OF STRIKES SUITABLE FOR ALL YOUR NEEDS

GAP12 Universal electric strikes for panic push bar



- **Terminal block.**
- **Kit including:**
 - Electric strike (MEC ATP series)
 - BGAP (Casing + plate fillers).
- **Surface mount.**
- **Fail-secure or fail-safe.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**



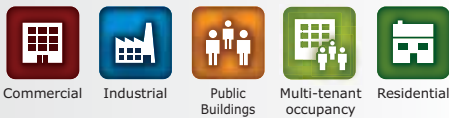
- Dimensions (L x W x D): 140 x 39 x 24 mm.
- Input voltage: 12V ac/dc (24V ac/dc on request).
- "Fail-secure" Ac/dc consumption:
 - 12V ac = 900mA,
 - 12V dc = 1150mA.
- "Fail-safe" consumption:
 - 12V dc = 170mA.



CODE	REFERENCE	DESCRIPTION
F0508000001	GAP12	FAIL-SECURE TIMED RELOCKS 12V AC/DC
F0508000003	GAPIP12	FAIL-SAFE 12V DC ⁴
F0508000004	GAPP12	FAIL-SECURE TIMED RELOCK 12V AC/DC ¹
F0508000005	GAPT12	FAIL-SECURE DOOR OPERATED RELOCKS 12V AC/DC
F0508000002	GAPI12	FAIL-SAFE 12V DC

1 - Holding work
 2 - Holding work
 3 - Switch latch position lever
 4 - Latch position switch

Electric strike body for panic push bar **MECATP**



- **Terminal block.**
- **Symmetrical.**
- **Anti-panic.**
- **Mortice.**
- **Fail-secure or fail-safe.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**



- Dimensions (L x W x D): 75 x 34 x 21mm.
- Optional: panic box.
- Input voltage: 12/24V ac/dc (24V ac/dc on request).
- "Fail-secure" consumption:
 - 12 V AC = 900 mA,
 - 12 V DC = 1150 mA.
- "Fail-safe" consumption:
 - 12 V DC = 170 mA.



CODE	REFERENCE	DESCRIPTION
F0507000003	MECATP12	ELECTRIC STRIKE FOR PANIC PUSH BAR TIMED RELOCK FAIL-SECURE 12V AC/DC
F0507000011	MECATPP12	FAIL-SECURE ELECTRIC STRIKE FOR PANIC PUSH BAR TIMED RELOCKS 12V AC/DC ⁴
F0507000005	MECATPT12	FAIL-SECURE ELECTRIC STRIKE FOR PANIC PUSH BAR DOOR OPERATED RELOCKS 12V AC/DC ¹
F0507000009	MECATPI12	FAIL-SAFE ELECTRIC STRIKE FOR PANIC PUSH BAR 12V DC
F0507000015	MECATPIP12	FAIL-SAFE ELECTRIC STRIKE FOR PANIC PUSH BAR 12V DC ⁴

* Refer to Limited Lifetime Warranty Conditions.

1 - Holding work
 2 - Holding work
 3 - Switch latch position lever
 4 - Latch position switch

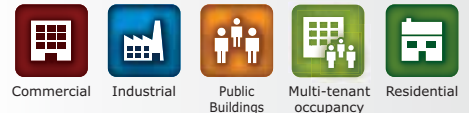
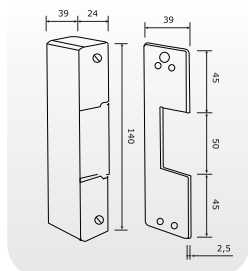
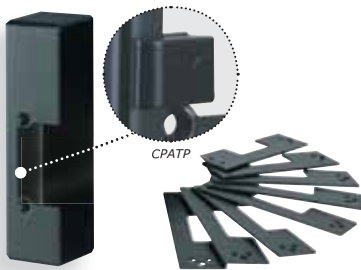


DIA X STRIKES

▶ A LARGE RANGE OF ACCESSORIES SUITABLE FOR ALL YOUR NEEDS

BGAP - BATP

Electric strikes casing for panic push bars

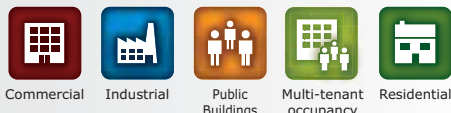


- **BGAP is a kit including:** metal casing, filler plates.
- **BATP is an electric strike series casing for panic push bar.**



CODE	REFERENCE	DESCRIPTION
F050800007	BGAP	METAL CASING FOR MECATP SERIES + FILLER PLATES
F050800006	BATP	METAL CASING FOR MECATP SERIES
F050800008	CPATP	ADJUSTABLE ANTI-THRUST DEVICE

Microswitch keep CPDT



- **Terminal block.**
- **Built-in microswitch.**

- When the door is locked, the deadbolt presses against the lever which activates the switch.
- It is installed on a strike equipped with a faceplate with deadbolt keep or directly on the deadbolt of a door to control the locking of the access or to control electrical devices such as bathroom fans, etc.



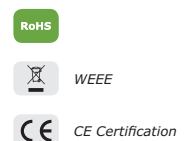
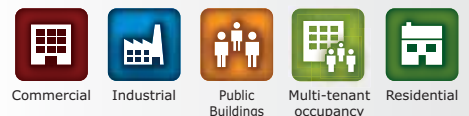
CODE	REFERENCE	DESCRIPTION
F051200004	CPDT	DEADBOLT POSITION SWITCH

BTPG1 Ajustable timer for strike



- **Adjustable time-out:** from 01 to 60 seconds.
- **Exit push button management.**
- **Resin coated.**

- Dimensions (L x W x D): 78 x 57 x 24mm.
- Input voltage: 12V ac/dc.




























CODE	REFERENCE	DESCRIPTION
F070100022	BTPG1	ADJUSTABLE TIMER FOR STRIKE

* Refer to Limited Lifetime Warranty Conditions.

COMPARISON TABLE

► MAGNETIC LOCKS



	ELECTROMAGNETIC LOCKS																											
	STANDARD SURFACE MOUNT												STANDARD MORTICE															
	ILLUMINATED			DOUBLE			THIN	STAINLESS STEEL																				
	V3S	V3SR	V3SRB	V4S	V4SR	V4SRB	V5S	V5SR	V5SRB	SD300	SD300M	SD500	SD500M	V1SR	I180SR	I400SR	I500SR	V3E	V3ER	V3E35R	V3E36R	V4E	V4ER					
General features																												
Holding force (kg)	300			400			500			2 x 300		2 x 500		180	180	400	500	300			400							
Dimensions L x W x D (In mm)	254 x 45 x 28		254 x 50 x 29		273 x 67 x 41		496 x 45 x 26		532 x 66 x 40		167 x 34 x 21		175 x 32,5 x 22		230 x 43,5 x 29,5		230 x 61 x 41		228 x 39 x 27		205 x 35 x 24,5		228 x 36 x 27		228 x 44 x 29,5			
Armature L x W x D (In mm)	185 x 38 x 11		185 x 45 x 12		185 x 60 x 12		185 x 38 x 11		185 x 60 x 12		130 x 32 x 9		130 x 32 x 9		185 x 45 x 12		185 x 60 x 12				185 x 38 x 11				185 x 45 x 12			
NF S 61-937	Yes		Yes		Yes														Yes				Yes					
Relay/Monitored (RS) or Monitored (S)	-	RS	RS	-	RS	RS	-	RS	RS	-	S	-	S	S		S		-	S		S	-	S		S			
Self-aligning	-																											
No residual magnetism	Yes		Yes		Yes				Yes						Yes						Yes							
Visual feedback	Yes		Yes		Yes																							
Audible feedback	-	-	Yes	-	-	Yes	-	-	Yes																			
Built-in electronic protection	Yes		Yes		Yes				Yes		Supplied varistor				Yes						Yes							
Security rope	Yes		Yes		Yes				Yes																			
Electrical specifications																												
DC input voltage	12/24V			12/24V			12V			12/24 V			12/24V															
Consumption at 12V (mA)	550			550			550			550			550															
Stand-by at 12V (mA)	-																											
Rush current at 12 V (mA)	-																											
Consumption at 24V (mA)	275			275			275			275			275															
Stand-by at 24V (mA)	-																											
Rush current at 24V (mA)	-																											
Recommended environment																												
	    			    			    			    			    															
	Page 230			Page 232			Page 233			Page 234			Page 235															

(1) Shearing force



* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-entry occupancy



Residential



ELECTROMAGNETIC LOCKS

V5E	STANDARD MORTICE								SELF-ALIGNING				ROUND	RF				
	STAINLESS STEEL			THIN	WITHOUT BRACKETS				PWM25ER	PWM25SR	PWM25SRSP	PWM25RRALNOIR	CZ3000	SHL1200	V250D80	VR3	VR4	VR5
	I180ER	I300ER	I500E	V1ER	V3E32	V3NU	V4NU	V5NU										
500	180	300	500	180	300	300	400	500	800				1500 ⁽¹⁾	1200 ⁽¹⁾	250	300	400	500
288 x 64 x 37,5 185 x 60 x 12	201 x 32 x 22 130 x 32 x 9	228 x 38 x 27 185 x 38 x 11	288,5 x 64 x 37,5 288 x 60 x 37	167 x 34 x 21 130 x 32 x 9	300 x 32 x 28 250 x 33 x 11	182 x 38 x 24 185 x 38 x 11	182 x 42 x 27 185 x 45 x 12	188 x 60 x 38 185 x 60 x 12	243 x 25 x 22 243 x 25 x 35	250 x 28 x 48 250 x 28 x 48	230 x 31,5 x 27 230 x 31,5 x 37	267 x 30 x 34 267 x 30 x 34	Ø 80 x 38 Ø 80 x 10	V250D80R	254 x 45 x 28 185 x 38 x 11	254 x 50 x 29 185 x 45 x 12	273 x 67 x 41 185 x 60 x 12	
Yes	-	-	Yes	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-	-
-	S	-	-	S	-	-	-	-	S	S	S	S	-	-	-	-	-	-
Yes	-	Yes	-	-	Yes	-	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yes	-	Yes	-	Supplied varistor	Yes	-	Yes	-	Supplied varistor	-	Yes	Yes	Supplied varistor	-	Yes	Yes	Yes	Yes
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/24V	12/24V			12V	12/24V	12/24V			12/24V			12/24V	12/24V	12/24V	12V			
550	550			500	550	550			460			600	440	550				
-	-			-	-	-			-			-	500	-				
-	-			-	-	-			-			-	1800	-				
275	275			-	275	275			230			300	220	-				
-	-			-	-	-			-			-	250	-				
-	-			-	-	-			-			-	1000	-				
Page 235	Page 236			Page 237			Page 238			Page 239			P. 240	P. 241	P. 241	Page 242		



* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

V3S - V4S - V5S

Illuminated surface mount electromagnetic locks



V3S
V3SR
V3SRB [WITH BUZZER]

300KG



V4S
V4SR
V4SRB [WITH BUZZER]

400KG



V5S
V5SR
V5SRB [WITH BUZZER]

500KG



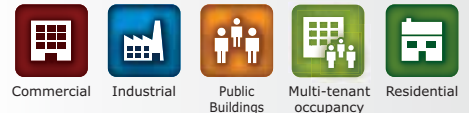
The new range of electromagnetic locks with feedback in 300, 400 and 500kg versions, Complies with the "disability act" regulation.

**PATENTED,
BREVETÉ**



Safety ropes included with all surface mount electromagnetic locks

* Refer to Limited Lifetime Warranty Conditions.

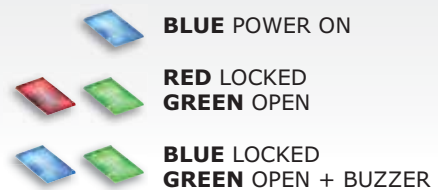


- **NF S 61-937.**
- **Surface mount.**
- **Relay/Monitored:** Relay + Lock status (According versions).
- **High resistance to corrosion.**
- **Safety rope.**
- **Delivered with its armature plate.**
- **No mechanical wear.**
- **Easy installation.**
- **Recommended for indoor use.**
- **Fail safe (Door unlocked when the power is cut).**
- **Holding force:**
 - V3S RANGE = 300kg,
 - V4S RANGE = 400kg,
 - V5S RANGE = 500kg,
- **Audible and visual feedback (according to version, see table).**
- **No residual magnetism.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- Electromagnetic lock dimensions (L x W x D):
 - V3S RANGE = 254 x 45 x 28mm,
 - V4S RANGE = 254 x 50 x 29mm,
 - V5S RANGE = 273 x 67 x 41mm.
- Armature dimensions (L x W x D):
 - V3S RANGE = 185 x 38 x 11mm,
 - V4S RANGE = 185 x 45 x 12mm,
 - V5S RANGE = 185 x 60 x 12mm.
- Silent operation.
- Optional: Electromagnetic lock accessories (See p. 243).
- Input voltage: 12/24V dc.
- Consumption:
 - 12V dc = 550mA.
 - 24V dc = 275mA.

Ref.	Holding force	Feedback	
		Visual	audible
V3S	300kg		-
V4S	400kg		-
V5S	500kg		-
V3SR	300kg		-
V4SR	400kg		-
V5SR	500kg		-
BUZZER V3SRB	300kg		Yes
V4SRB	400kg		Yes
V5SRB	500kg		Yes

COLOUR CODES:



CODE	REFERENCE	DESCRIPTION
F0526000001	V3S	300-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC - NF S 61-937
F0526000002	V3SR	300-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC + RELAY/MONITORED - NF S 61-937
F0526000016	V3SRB	300 KG SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC + RELAY/MONITORED AND BUZZER - NF S 61-937
F0525000016	V4S	400-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC - NF S 61-937
F0525000015	V4SR	400-KG FLUSH MOUNT ELECTROMAGNETIC LOCK 12/24V DC + MONITORED - NF S 61-937
F0526000017	V4SRB	400-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC + RELAY/MONITORED AND BUZZER - NF S 61-937
F0526000003	V5S	500-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC - NF S 61-937
F0526000004	V5SR	500-KG SURFACE MOUNT ELECTROMAGNETIC LOCK WITH RELAY 12/24 V - NF S 61-937
F0526000018	V5SRB	500-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC + RELAY/MONITORED AND BUZZER - NF S 61-937

* Refer to Limited Lifetime Warranty Conditions.

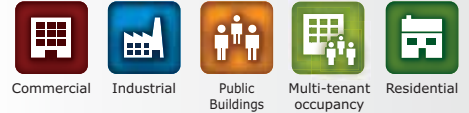
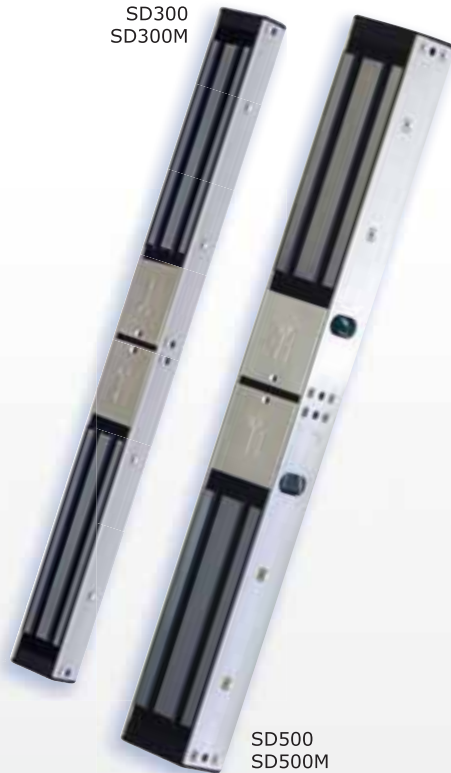


DOUBLE ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

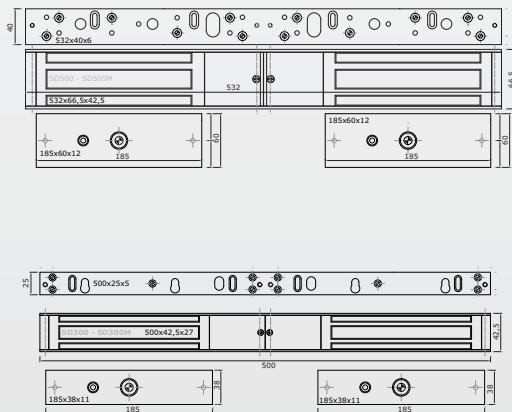
SD

300 or 500-kg double electromagnetic lock range



- **Double electromagnetic lock.**
- **Holding force:** 2 x 300 or 2 x 500-kg.
- **Monitored:** Lock status (according version).
- **High resistance to corrosion.**
- **Surface mount.**
- **Safety rope.**
- **Complete with its armature plate.**
- **No mechanical wear.**
- **Easy installation.**
- **Recommended for indoor use.**
- **Fail safe (Door unlocked when the power is cut).**
- **No residual magnetism.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- Electromagnetic lock dimensions (L x W x D):
 - SD300 - SD300M = 500 x 42.5 x 27mm,
 - SD500 - SD500M = 532 x 66.5 x 42.5mm.
- Armature dimensions (L x W x D):
 - SD300 - SD300M = 185 x 38 x 11mm,
 - SD500 - SD500M = 185 x 60 x 12mm.
- Optional: Electromagnetic lock accessories (P. 243).
- Input voltage: 12/24V dc.
- Consumption:
 - 12V dc = 1,2A,
 - 24V dc = 620mA.



 WEEE

 IP42

 CE Certification

 RoHS

Recommended power supplies



Reference	Holding force	Signal
SD300	2 x 300kg	-
SD300M	2 x 300kg	Yes
SD500	2 x 500kg	-
SD500M	2 x 500kg	Yes

CODE	REFERENCE	DESCRIPTION
F051600030	SD300	2 x 300-KG DOUBLE SURFACE MOUNT ELECTROMAGNETIC LOCK - 500MM
F052600010	SD300M	2 x 300-KG DOUBLE SURFACE MOUNT ELECTROMAGNETIC LOCK WITH RELAY - 500MM
F052600023	SD500	2 x 500-KG DOUBLE SURFACE MOUNT ELECTROMAGNETIC LOCK - 500MM
F052600024	SD500M	2 x 500-KG DOUBLE SURFACE MOUNT ELECTROMAGNETIC LOCK WITH RELAY - 500MM

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

V1SR

Narrow surface mount electromagnetic lock

H.R.V.
HIGH RESISTANCE
TO VANDALISM



Commercial



Industrial



Public
Buildings

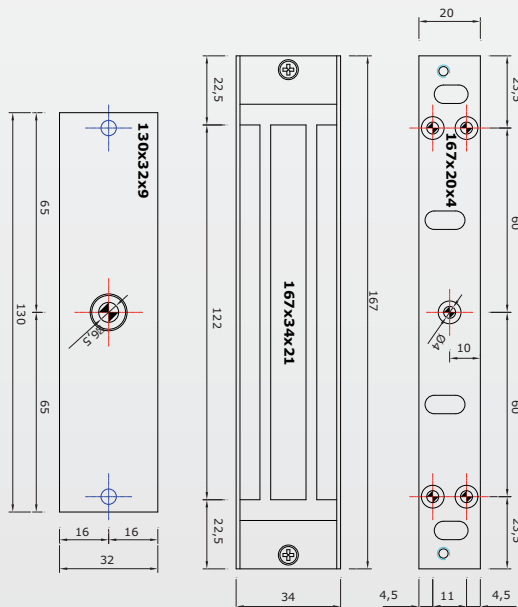


Multi-tenant
occupancy



Residential

- **Thin electromagnetic lock.**
- **Holding force:** 180 kg.
- **High resistance to corrosion.**
- **Monitored:** Lock status.
- **Surface mount.**
- **Complete with armature plate.**
- **No mechanical wear.**
- **Easy installation.**
- **Recommended for indoor use.**
- **Fail safe (Door unlocked when the power is cut).**
- **No residual magnetism.**
- **Varistor supplied (Electronic protection to eliminate back EMF).**
- Dimensions (L x W x D):
 - Electromagnetic lock = 167 x 34 x 21mm.
 - Armature = 130 x 32 x 9mm.
- Optional: Electromagnetic lock accessories (P. 243).
- Input voltage: 12/24V dc.
- Consumption:
 - 12V dc = 550mA,
 - 24V dc = 225mA.



Recommended power supplies



ARD212



BS602

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F052600005	V1SR	180-KG SURFACE MOUNT NARROW ELECTROMAGNETIC LOCK 12/24V DC + MONITORED

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

I180SR - I400SR - I500SR

External electromagnetic locks



INOX



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



I180SR

I400SR

I500SR

Safety ropes included with all the surface mount electromagnetic locks of the range

**PATENTED
BREVETÉ**

- **Stainless-steel electromagnetic locks.**
- **Monitored.**
- **High resistance to corrosion.**
- **Surface mount (Front or side mount).**
- **Monitored: Lock status.**
- **No mechanical wear.**
- **Fail safe (Door unlocked when the power is cut).**
- **Safety rope.**
- **Complete with armature plate.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- Input voltage: 12/24V dc.
- Optional: Electromagnetic lock accessories (P. 243).
- Consumption:
 - 12V dc = 550mA,
 - 24V dc = 275mA.

I180SR

- Dimensions (L x W x D):
 - Electromagnetic lock = 175 x 32.5 x 22mm,
 - Armature = 130 x 32 x 9 mm.
- Holding force: 180 kg.

I400SR

- Dimensions (L x W x D):
 - Electromagnetic lock = 230 x 43.5 x 29.5mm,
 - Armature = 185 x 45 x 12mm
- Holding force: 400 kg.

I500SR

- Dimensions (L x W x D):
 - Electromagnetic lock = 230 x 61 x 41mm,
 - Armature = 185 x 60 x 12mm.
- Holding force: 500 kg.

RoHS

WEEE

CE Certification

IP54

Recommended power supplies



ARD212

BS602

CODE	REFERENCE	DESCRIPTION
F051500006	I180SR	180-KG STAINLESS-STEEL SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC + MONITORED
F051500007	I400SR	400-KG STAINLESS-STEEL SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC + MONITORED
F051500003	I500SR	500-KG STAINLESS-STEEL SURFACE MOUNT ELECTROMAGNETIC LOCK 12/24V DC + MONITORED

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

V3E - V4E - V5E Mortice electromagnetic locks



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- **NF S 61-937.**
- **High resistance to corrosion.**
- **Holding force:**
300kg, 400kg and 500kg.
- **Mortice.**
- **Monitored:** Lock status (According versions).
- **Complete with armature plate.**
- **No mechanical wear.**
- **Easy installation.**
- **Recommended for indoor use.**
- **Fail safe (Door unlocked when the power is cut).**
- **No residual magnetism.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**
- Electromagnetic lock dimensions (L x W x D):
 - V3E and V3ER = 228 x 39 x 27mm,
 - V3E35R = 205 x 35 x 24.5mm,
 - V3E36R = 228 x 36 x 27mm,
 - V4E and V4ER = 228 x 44 x 29.5mm,
 - V5E = 288 x 64 x 37,5mm.
- Armature dimensions (L x W x D):
 - V3E = 185 x 38 x 11mm,
 - V4E = 185 x 45 x 12mm,
 - V5E = 185 x 60 x 12mm.
- Silent operation.
- Optional: Electromagnetic lock accessories (P. 243).
- Input voltage: 12/24V dc.
- Consumption:
 - 12V dc = 550mA.
 - 24V dc = 275mA.

H.R.V.

HIGH RESISTANCE TO VANDALISM

Recommended power supplies



ARD212



BS602



WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F052500001	V3E	300-KG MORTICE ELECTROMAGNETIC LOCK 12/24V DC - NF S 61-937
F052500002	V3ER	300-KG MORTICE ELECTROMAGNETIC LOCK 12/24V DC + MONITORED - NF S 61-937
F052500012	V3E35R	300-KG MORTICE NARROW ELECTROMAGNETIC LOCK 12/24V DC - WIDTH 35.5MM + MONITORED - NF S 61-937
F052500007	V3E36R	300-KG MORTICE ELECTROMAGNETIC LOCK 12/24V DC - WIDTH 36MM
F052500013	V4E	400-KG MORTICE ELECTROMAGNETIC LOCK 12/24V DC - NF S 61-937
F052500014	V4ER	400-KG MORTICE ELECTROMAGNETIC LOCK 12/24V DC + MONITORED - NF S 61-937
F052500010	V5E	500-KG MORTICE ELECTROMAGNETIC LOCK 12/24V DC - NF S 61-937

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

I180ER - I300ER - I500E

Mortice external electromagnetic locks



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

INOX



I180ER



I300ER



I500E

- **Stainless steel electromagnetic locks.**
- **Monitored:** Lock status (According version).
- **High resistance to corrosion.**
- **Mortice.**
- **Recommended for outdoor use.**
- **Complete with armature plate.**
- **No mechanical wear.**
- **Fail safe (Door unlocked when the power is cut).**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

■ Optional: Electromagnetic lock accessories (P. 243).

■ Input voltage: 12/24V dc.

■ Consumption:

- 12V dc = 550mA.

- 24V dc = 275mA.

I180ER

■ Dimensions (L x W x D):

- Electromagnetic lock = 201 x 32 x 22mm,

- Armature = 130 x 32 x 9mm.

■ Holding force: 180kg.

■ Monitored.

I300ER

■ Dimensions (L x W x D):

- Electromagnetic lock = 228 x 38 x 27mm,

- Armature = 185 x 38 x 11mm.

■ Holding force: 300kg.

■ Monitored.

I500E (NF S 61-937)

■ Dimensions (L x W x D):

- Electromagnetic lock = 288.5 x 64 x 37.5mm,

- Armature = 185 x 60 x 12mm.

■ Holding force: 500kg.



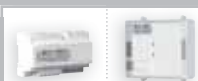
RoHS

WEEE

CE Certification

IP54

Recommended power supplies



ARD212

BS602

CODE	REFERENCE	DESCRIPTION
F051500002	I180ER	180-KG MORTICE STAINLESS-STEEL ELECTROMAGNETIC LOCK 12/24V DC + MONITORED
F051500001	I300ER	300-KG MORTICE STAINLESS-STEEL ELECTROMAGNETIC LOCK 12/24V DC + MONITORED
F052500011	I500E	500-KG MORTICE STAINLESS-STEEL ELECTROMAGNETIC LOCK 12/24V DC - NF S 61-937

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

V1ER - V3E32 Narrow style mortice electromagnetic locks



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



V1ER

V3E32

- **High resistance to corrosion.**
- **Holding force:**
 - V1ER = 180kg,
 - V3E32 = 300kg.
- **Mortice.**
- **Monitored:** Lock status (V1ER).
- **Recommended for indoor use.**
- **Complete with armature plate.**
- **No mechanical wear.**
- **Easy installation.**
- **Fail safe (Door unlocked when the power is cut).**
- **No residual magnetism.**
- **Varistor (Electronic protection to eliminate back EMF):**
 - V1ER = supplied,
 - V3E32 = Built-in.

- Electromagnetic lock dimensions (L x W x D):
 - V1ER = 167 x 34 x 21mm,
 - V3E32 = 300 x 32 x 28mm.
- Armature dimensions (L x W x D):
 - V1ER = 130 x 32 x 9mm,
 - V3E32 = 250 x 33 x 11mm.
- Silent operation.
- Optional: Electromagnetic lock accessories (P. 243).
- Input voltage:
 - V1ER = 12V dc,
 - V3E32 = 12/24V dc.
- Consumption:
 - V1ER = 500mA.
 - V3E32 = 550mA en 12V dc et 275mA en 24V dc.



Recommended power supplies



ARD212

BS602



WEEE



CE Certification

CODE	REFERENCE	DESCRIPTION
F052500005	V1ER	180-KG MORTICE NARROW ELECTROMAGNETIC LOCK 12V DC
F052500004	V3E32	300-KG MORTICE NARROW ELECTROMAGNETIC LOCK 12/24V DC

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

V3NU - V4NU - V5NU

Electromagnetic locks without casing



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



V3NU



V4NU



V5NU

H.R.V.

HIGH RESISTANCE TO VANDALISM

Recommended power supplies



ARD212



BS602

- **NF S 61-937.**
- **High resistance to corrosion.**
- **Holding force:**
 - V3NU = 300kg,
 - V4NU = 400kg,
 - V5NU = 500kg.
- **Mortice.**
- **For integration market.**
- **Complete with armature plate.**
- **No mechanical wear..**
- **Easy installation.**
- **Recommended for indoor use.**
- **Fail safe (Door unlocked when the power is cut).**
- **No residual magnetism.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- Electromagnetic lock dimensions (L x W x D):
 - V3NU = 182 x 38 x 24mm,
 - V4NU = 182 x 42 x 27mm,
 - V5NU = 188 x 60 x 38mm.
- Armature dimensions (L x W x D):
 - V3NU = 185 x 38 x 11mm,
 - V4NU = 185 x 45 x 12mm,
 - V5NU = 185 x 60 x 12mm.
- Input voltage: 12/24V dc.
- Consumption:
 - 12V dc = 550mA,
 - 24V dc = 275mA.

RoHS

IP42

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0534000011	V3NU	300KG MORTICE ELCTROMAGNETIC LOCK WITHOUT CASING 12/24 V DC
F0534000018	V4NU	400KG MORTICE ELCTROMAGNETIC LOCK WITHOUT CASING 12/24 V DC
F0534000012	V5NU	500KG MORTICE ELCTROMAGNETIC LOCK WITHOUT CASING 12/24 V DC

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC SHEARLOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

PWM25 Self-aligning electromagnetic shearlock



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

SURFACE MOUNT VERSION
+ RAL BLACK
(PWM25SRRALNOIR)



- **Shearing force: 800kg.**
- **Patented self-aligning mechanism.**
- **Complete with armature plate.**
- **Electromagnetic lock and armature width = 25mm.**
- **Ideal for narrow aluminium profiles.**
- **Fail safe (Door unlocked when the power is cut).**
- **Surface mount version:**
 - PWM25SR,
 - PWM25SRSP,
 - PWM25SRRALNOIR.
- **Monitored: Lock status.**
- **Built-in varistor (Electronic protection to eliminate back EMF.).**
- **Dimensions of the mortice electromagnetic lock (L x W x D):**
 - Electromagnetic lock = 243 x 25 x 22mm
 - Armature = 243 x 25 x 35mm
- **Dimensions of the surface mount electromagnetic locks (L x W x D):**
 - Electromagnetic lock = 250 x 28 x 48mm.
 - Armature = 250 x 28 x 48mm
- **Optional: RAL.**
- **Input voltage:**
 - 12/24V dc,
 - 48V dc (Optional with free voltage card).
- **Consumption:**
 - 12V dc = 460mA.
 - 24V dc = 230mA.
 - 48V dc = 150mA.

Recommended power supplies



ARD12

BS60

PATENTED BREVETÉ

RoHS



WEEE



CE Certification

CODE	REFERENCE	DESCRIPTION
F053500021	PWM25ER	POWERMAG 25MM 12/24V DC + MONITORED
F053500025	PWM25SR	POWERMAG 25-MM SURFACE MOUNT HOUSING 12/24V DC + MONITORED
F053500027	PWM25SRSP	POWERMAG 25-MM SURFACE MOUNT HOUSING 12/24V DC + MONITORED + RAL
F053500029	PWM25SRRALNOIR	POWERMAG 25-MM SURFACE MOUNT HOUSING 12/24V DC + MONITORED + BLACK RAL
F053500026	RALPWM	RAL FOR SURFACE MOUNT PWM25 RANGE

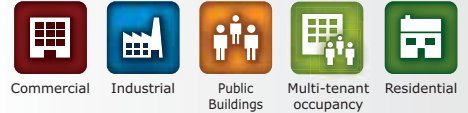
* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC SHEARLOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

CZ3000 Self-aligning shearlock

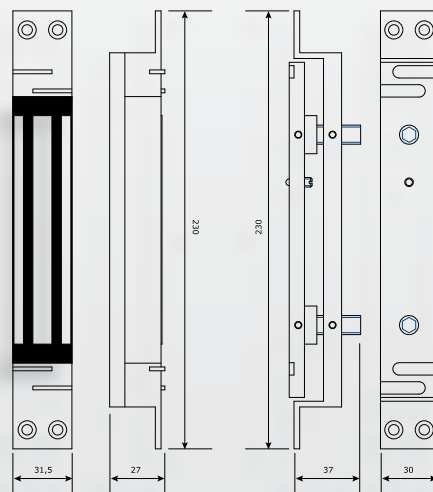


- **Shearing force: 1,500kg.**
- **Complete with armature plate.**
- **Patented self-aligning mechanism.**
- **NO/NC monitored.**
- **Fail safe (Door unlocked when the power is cut).**
- **Ideal for narrow aluminium profiles.**
- **Mortice.**
- **Surface mount housing (Optional: KCZ3000).**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- **Dimensions (L x W x D):**
 - Electromagnetic lock = 230 x 31.5 x 27mm,
 - Armature = 230 x 30 x 37mm,
 - KCZ3000 = 234.5 x 35.5 x 42 mm.
- **Finish: aluminium/steel.**
- **Input voltage: 12/24V dc.**
- **Consumption:**
 - 12V dc = 600mA.
 - 24V dc = 300mA.



**CERTIFICATION
AERONAUTICAL D0160D**



H.R.V.
HIGH RESISTANCE
TO VANDALISM

**Recommended
power supplies**



**PATENTED
BREVETÉ**

RoHS

WEEE

CE CE Certification

CODE	REFERENCE	DESCRIPTION
F053500006	CZ3000	30-MM SHEARLOCK ELECTROMAGNET 12/24V DC + MONITORED
F053500007	KCZ3000	SURFACE MOUNT HOUSING FOR CZ3000

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC SHEARLOCKS & ROUND ELECTROMAGNETIC LOCKS

▶ A LARGE RANGE OF ELECTROMAGNETIC LOCKS SUITABLE FOR ALL YOUR NEEDS

SHL1200 Mortice shearlock electromagnetic lock



- **Shearing force: 1200kg.**
- **Complete with armature plate.**
- **Monitored: Lock status.**
- **Possible adjustment of more than 6mm between the electromagnetic lock and the armature.**
- **Ideal for narrow aluminium profiles.**
- **Optional: surface mounting housing (KSHL).**
- **Built-in varistor (Electronic protection to eliminate back EMF).**
- **Dimensions (L x W x D):**
 - Electromagnetic lock = 267 x 30 x 34.3mm,
 - Armature = 267 x 30 x 34mm.
- **Free voltage: 12 to 24V dc.**
- **Consumption 12V dc:**
 - Rush current = 1,8A,
 - Stand-by = 500mA.
- **Consumption 24V dc:**
 - Rush current = 1A,
 - Stand-by = 250mA.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

Recommended power supplies



ARD212



BS602

RoHS



WEEE



CE Certification

CODE	REFERENCE	DESCRIPTION
F052500008	SHL1200	1200KG 12/24V DC + MONITORED
F051600010	KSHL	SURFACE MOUNT HOUSING FOR SHL

Round electromagnetic locks V250D80



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- **Holding Force: 250kg.**
- **Complete with armature plate.**
- **Monitored: Lock status (V250D80R).**
- **No residual magnetism.**
- **Ideal for locking down barrier booms to prevent vandalism.**

- **Dimensions (Ø x D):**
 - Electromagnetic lock = Ø 80 x 38mm,
 - Armature = Ø80 x 10mm.
- **Input voltage: 12 or 24V dc.**
- **Consumption:**
 - 12V dc = 440mA,
 - 24V dc = 220mA.



Recommended power supplies



ARD212



BS602

RoHS



WEEE



CE Certification

CODE	REFERENCE	DESCRIPTION
F053500004	V250D80	250-KG ROUND ELECTROMAGNETIC LOCK 12/24V DC
F053500034	V250D80R	250-KG ROUND ELECTROMAGNETIC LOCK 12/24V DC + MONITORED

* Refer to Limited Lifetime Warranty Conditions.

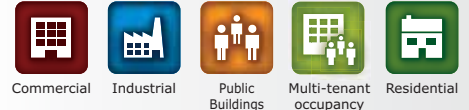
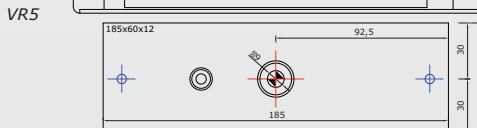
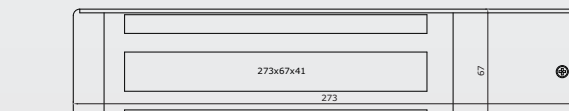
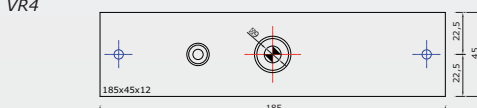
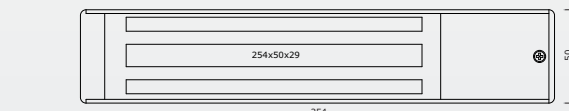
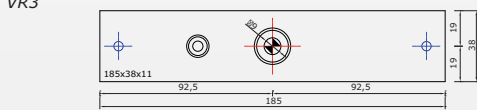
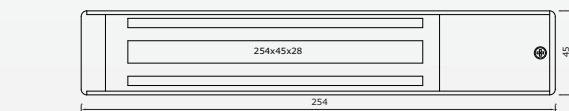


433 MHZ STAND-ALONE RF ELECTROMAGNETIC LOCKS

► RF LOCKING SOLUTION WITH BUILT-IN RF RECEIVER (RF MAGNETIC LOCK + TRANSMITTER KIT)

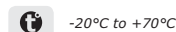
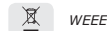
VR

STAND-ALONE RF ELECTROMAGNETIC LOCK



- **Holding force: 300, 400 and 500 kg.**
- **Up to 10 transmitters can be stored.**
- **High resistance to corrosion.**
- **Surface mount.**
- **Safety rope.**
- **Recommended for indoor use.**
- **Fail safe (Door unlocked when the power is cut).**
- **No residual magnetism.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**

- Electromagnetic lock dimensions (L x W x D):
 - VR3 = 254 x 45 x 28mm,
 - VR4 = 254 x 50 x 29mm,
 - VR5 = 273 x 67 x 41mm.
- Armature doimensions (L x W x D):
 - VR3 = 185 x 38 x 11mm,
 - VR4 = 185 x 45 x 12mm,
 - VR5 = 185 x 60 x 12mm.
- Direct enrolment of tags on the receiver.
- Audible feedback.
- Adjustable opening times: from 1 to 10s.
- Optional: Electromagnetic lock accessories (See page 243).
- Input voltage: 12V dc.
- Consumption: 550mA.



Recommended power supplies



CODE	REFERENCE	DESCRIPTION
F053500014	VR3	300KG RF ELECTROMAGNETIC LOCK + 1 RF TRANSMITTER
F053500035	VR4	400KG RF ELECTROMAGNETIC LOCK + 1 RF TRANSMITTER
F053500020	VR5	500KG RF ELECTROMAGNETIC LOCK + 1 RF TRANSMITTER
F010400030	ER	4-CHANNEL RF TRANSMITTER

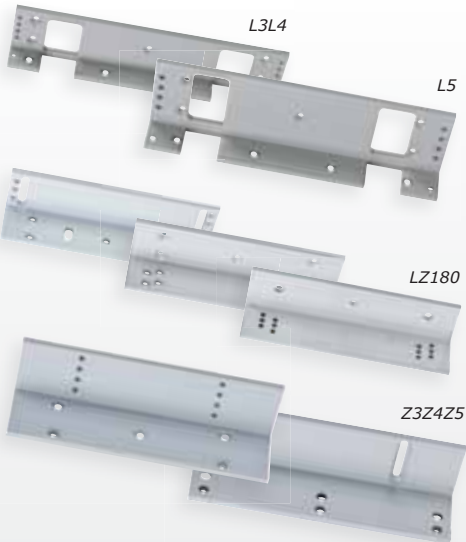
* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCK ACCESSORIES

▶ A LARGE RANGE OF ACCESSORIES SUITABLE FOR ALL YOUR NEEDS

L - Z - ES L & Z Brackets



WEEE



CE Certification



RoHS



Commercial



Industrial



Public Buildings

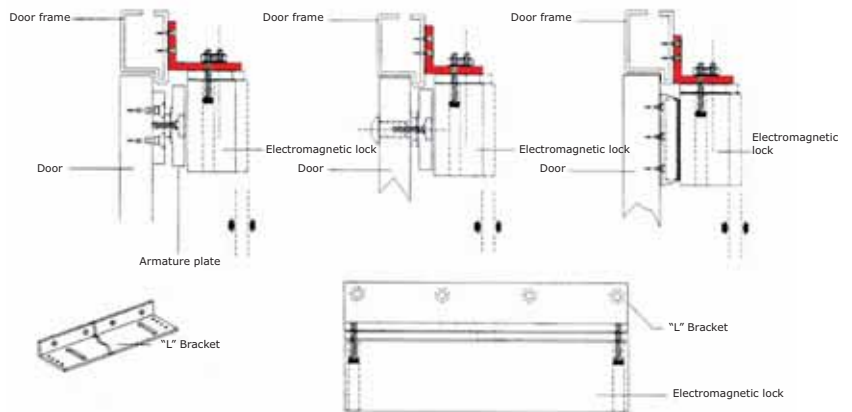


Multi-tenant occupancy

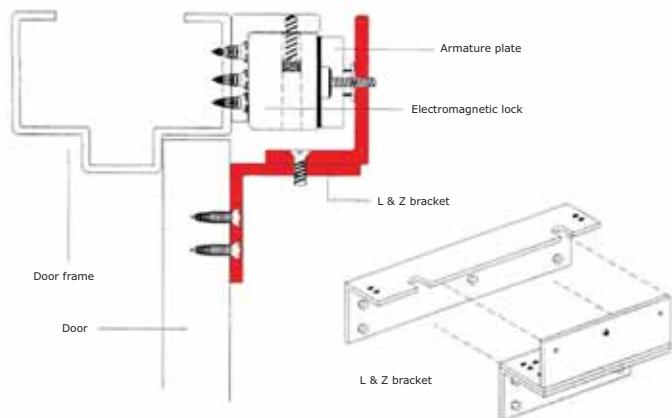


Residential

Installation with one «L» for outward opening doors



Installation with one «L» and one «Z» for inward opening doors



- Dimensions (L x W x D):
- L3L4 = 248 x 50 x 30mm,
- L5 = 265 x 76 x 38mm,
- LZ180 = 166 x 38 x 38mm,
- Z3Z4Z5 = 175 x 50 x 50,5mm.
- ESL400 = 232 x 48 x 32mm,
- ESL500 = 228 x 62 x 44mm,
- ESZ = 185 x 52 x 100mm.

CODE	REFERENCE	DESCRIPTION
F051600003	L3L4	L-BRACKET FOR 300KG AND 400KG ELECTROMAGNETIC LOCKS
F051600004	L5	L-BRACKET FOR 500KG ELECTROMAGNETIC LOCKS
F0516000020	L3L4NFS	L-BRACKET FOR 300KG AND 400KG ELECTROMAGNETIC LOCKS - NF S 61-937
F0516000021	L5NFS	L-BRACKET FOR 500KG ELECTROMAGNETIC LOCKS - NF S 61-937
F0516000001	LZ180	Z + L BRACKET FOR 180-KG ELECTROMAGNETIC LOCKS
F0516000002	Z3Z4Z5	Z-BRACKET FOR 300KG, 400KG AND 500KG ELECTROMAGNETIC LOCKS
F0516000027	ESL400	EPOXY FINISH METAL L-BRACKET FOR 400KG ELECTROMAGNETIC LOCKS
F0516000028	ESL500	EPOXY FINISH METAL L-BRACKET FOR 500KG ELECTROMAGNETIC LOCKS
F0516000023	ESZ	EPOXY FINISH METAL Z-BRACKET FOR 400 & 500KG ELECTROMAGNETIC LOCKS

* Refer to Limited Lifetime Warranty Conditions.



ELECTROMAGNETIC LOCK ACCESSORIES

▶ A LARGE RANGE OF ACCESSORIES SUITABLE FOR ALL YOUR NEEDS

AMA

Surface armature housings



■ **AMA3 and AMA5 are surface armature housings that allow the fixing of 300, 400 or 500kg armature on any type of surface (on glass door with a UBKU).**

- Dimensions (L x W x D):
 - AMA3 = 188 x 54.5 x 15mm,
 - AMA5 = 193 x 74 x 14mm.



Commercial

Industrial

Public Buildings

Multi-tenant occupancy

Residential



WEEE



CE Certification

CODE	REFERENCE	DESCRIPTION
F051600006	AMA3	FIXING ACCESSORY FOR 300KG ARMATURE
F051600007	AMA5	FIXING ACCESSORY FOR 500KG ARMATURE

Glass door fixing bracket

UBK



Commercial

Industrial

Public Buildings

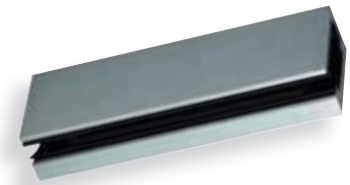
Multi-tenant occupancy

Residential

■ **The UBKs are U-brackets for mounting magnetic locks on glass doors:**

- UBKU = armature plate installation,
- UBKP = U-braket for electromagnetic lock and solenoid bolt lock.

- Dimensions (L x W x D):
 - UBKU = 185 x 62 x 33.5mm,
 - UBKP = 266 x 62 x 33.5mm.



WEEE

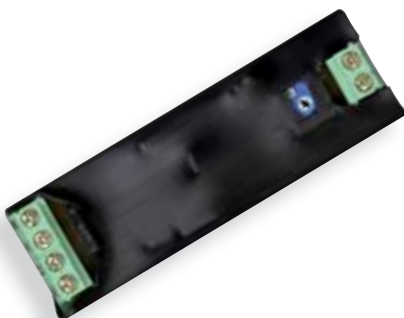


CE Certification

CODE	REFERENCE	DESCRIPTION
F0517000001	UBKU	U-BRACKET GLASS DOOR FIXING FOR ARMATURE PLATE
F0517000008	UBKP	U-BRACKET GLASS DOOR FIXING FOR ELECTROMAGNETIC LOCKS & SOLENOID BOLT LOCKS

TPV

Timer relay for electromagnetic locks



■ **The TPV will handle up to 2 magnetic locks.**

- Dimensions (L x W x D): 81 x 26,5 x 11 mm.
- Timer: adjustable from 1.5 to 20 seconds.
- Input voltage: 12 V / 24 V DC.



Commercial

Industrial

Public Buildings

Multi-tenant occupancy

Residential



WEEE



CE Certification

CODE	REFERENCE	DESCRIPTION
F0534000001	TPV	RELAY TIMER FOR ELECTROMAGNETIC LOCKS

* Refer to Limited Lifetime Warranty Conditions.

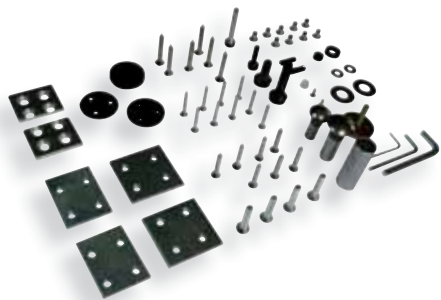


ELECTROMAGNETIC LOCK ACCESSORIES

▶ A LARGE RANGE OF ACCESSORIES SUITABLE FOR ALL YOUR NEEDS

KVU

Universal fastening kit for electromagnetic locks



■ For 180, 300, 400 & 500kg electromagnetic lock range.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F053400004	KVU	UNIVERSAL FASTENING KIT

Extension cable for electromagnetic locks

CABV



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

■ **Extension cable with terminal block with or without monitoring.**

■ Length: 2500mm.



RoHS

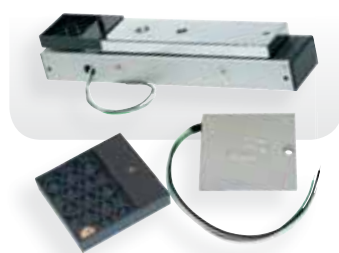
WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0534000019	CABV	SIMPLE EXTENSION CABLE FOR ELECTROMAGNETIC LOCKS

DPM300 - DPM400 - DPM500

Door Position Monitoring



■ **Door status contact for 300, 400 & 500kg electromagnetic locks.**

■ Dimensions (L x W x D):

- DPM300 top cover = 58 x 39 x 2mm,
- DPM400 top cover = 58 x 39 x 2mm,
- DPM500 top cover = 59 x 62 x 3mm,
- DPM300 armature end fitting = 65 x 39 x 11mm.
- DPM400 armature end fitting = 65 x 46 x 11mm.
- DPM500 armature end fitting = 65 x 62 x 12mm.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

WEEE

RoHS




CE Certification

CODE	REFERENCE	DESCRIPTION
F0514000010	DPM300	DOOR POSITION MONITORING FOR 300KG ELECTROMAGNETIC LOCK
F0514000014	DPM400	DOOR POSITION MONITORING FOR 400KG ELECTROMAGNETIC LOCK
F0514000013	DPM500	DOOR POSITION MONITORING FOR 500KG ELECTROMAGNETIC LOCK

* Refer to Limited Lifetime Warranty Conditions.

COMPARISON TABLE

▶ RETROFIT HOUSINGS AND HANDLES

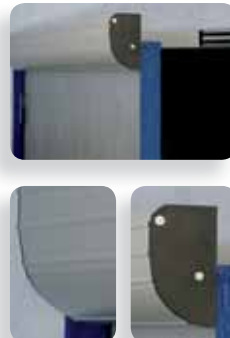
	RETROFIT HOUSINGS						
	BO600RP	BO600RPSTD	BO600RP3V	BO600RH	BO800RN	BO800RN3M	BO1200RN
General features	2 x 300		3 x 300	2 x 300	2 x 400		3 x 400
Dimensions L x W x D (In mm)	2500 x 105 x 63	2190 x 105 x 63	2500 x 105 x 63	925 x 105 x 62	2500 x 126 x 68	3000 x 126 x 68	2500 x 126 x 68
NF S 61-937	Yes		-	-	Yes		-
Material	SAA Finish**		-	SAA Finish**	SAA Finish**		-
Built-in handle	Yes		-	-	-		-
Monitored (S)	(S in option)		-	(S in option)	(S in option)		-
Self-aligning	Yes		-	Yes	Yes		-
No residual magnetism	Yes		-	Yes	Yes		-
Built-in electronic protection	Yes		-	Yes	Yes		-
Exit push button	-		-	-	-		-
Options	Yes (Option)		-	Yes (Option)	Yes (Option)		-
RAL	Yes (Option)		-	Yes (Option)	Yes (Option)		-
Cut	Yes (Option)		-	Yes (Option)	Yes (Option)		-
Glass door installation	Yes (UBKU Option)		-	Yes (UBKUOpt.)	Yes (UBKU Option)		-
Electrical specifications	12/24/48V		-	12/24/48V	12/24/48V		-
DC input voltage	12/24/48V		-	12/24/48V	12/24/48V		-
Consumption at 12V dc (mA)	550 ⁽¹⁾		-	550 ⁽¹⁾	550 ⁽¹⁾		-
Consumption at 24V dc (mA)	275 ⁽¹⁾		-	275 ⁽¹⁾	275 ⁽¹⁾		-
Consumption at 48V DC (mA)	275 ⁽²⁾		-	275 ⁽²⁾	275 ⁽²⁾		-
Recommended environment			-				-
	Page 248		-	Page 249	Page 250		-



(1) Per electromagnetic lock.
 (2) For the 2 electromagnetic locks.



BO600RP



BO600RH



BO800RN

* Refer to Limited Lifetime Warranty Conditions.
 ** SAA Finish: Satin Anodised Aluminium Finish.



RETROFIT HANDLES

P300RP	P600RP	PBO400RN40	PBO800RN60	PWM25PSR
1 X 300	2 X 300	1 X 400	2 X 400	1 X 800
400 X 105 X 63,2	600 X 105 X 63,2	400 x 126 x 68	600 x 126 x 68	Electromagnetic locks = 250 x 50 x 27 Armature = 250 x 80x 27
Yes	Yes	Yes	Yes	-
SAA Finish**	SAA Finish**	SAA Finish**	SAA Finish**	Stainless steel
-	-	-	-	Yes
(S in option)	(S in option)	(S in option)	(S in option)	Yes
Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes
-	-	-	-	Yes
Yes (Option)	Yes (Option)	Yes (Option)	Yes (Option)	Yes (Option)
-	-	-	-	-
Yes (UBKU Option)	Yes (UBKU Option)	Yes (UBKU Option)	Yes (UBKU Option)	-
12/24V	12/24/48V	12/24V	12/24/48 V	12/24V
550 ⁽¹⁾	550 ⁽¹⁾	550	550	460
275 ⁽¹⁾	275 ⁽¹⁾	275	275	230
-	275 ⁽²⁾	-	275 ⁽²⁾	-
Page 251	Page 251	Page 252	Page 252	Page 253



P300RP



P600RP



PBO400RN40



PBO800RN60



PWM25PSR

* Refer to Limited Lifetime Warranty Conditions.
** SAA Finish: Satin Anodised Aluminium Finish.

DIAX RETROFIT HOUSINGS

▶ A LARGE RANGE OF RETROFIT HOUSINGS SUITABLE FOR ALL YOUR NEEDS

BO600RP Vertical Retrofit housings (2 x 300 kg)



RoHS

WEEE

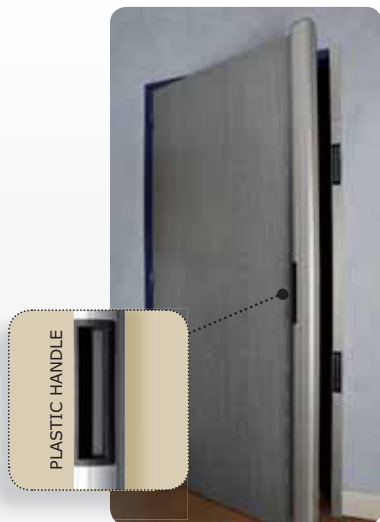
-20°C to +70°C

CE Certification

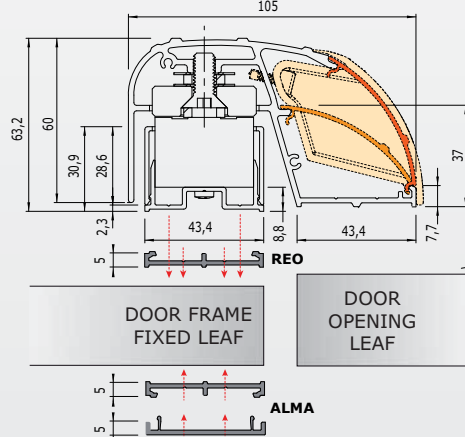
Recommended power supplies



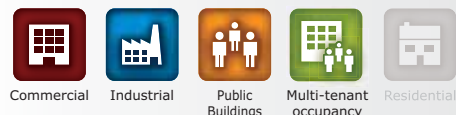
ARD212 BS602



BO600RP



PATENTED BREVETÉ



- **NF S 61-937.**
- **Available in versions:**
Standard, Enclosed and with handle.
- **Surface Mount.**
- **Easy installation.**
- **SAA finish (Satin Anodised Aluminium).**
- **Aesthetic.**
- **Suitable for metal, wood and glass door.**
- **Ideal for retrofit applications.**
- **Pre-drilled mounting holes.**
- **EM-Locks supplied with terminal blocks.**
- **Groove at the back of the magnet housing for cable management.**
- **Magnet housing supplied with cover.**
- **Options:** Aluminium rail spacers, Aluminium cable tray, Installation on glass door (UBK25), RAL colour, Cut to size.
- Holding force: 2 x 300 kg,
- Dimensions (L x W x D):
 - BO600RPSTD = 2190 x 105 x 63mm,
 - BO600RP = 2500 x 105 x 63mm.
- Magnet housing for frame mount.
- Armature housing with end caps for door mount.
- Input voltage: 12/24/48V dc.
- Consumption:
 - 12 V DC = 550mA (per magnet),
 - 24 V DC = 275mA (per magnet).
 - 48 V DC = 190mA (For the 2 magnets).

CODE	REFERENCE	DESCRIPTION
F0519000007	BO600RP	2500MM 2X300KG 12/24V RETROFIT HANDLE - NFS 61937
F0519000091	BO600RPSTD	2190MM 2X300KG 12/24V RETROFIT HANDLE - NFS 61937
F0519000081	BO600RP3V	2500MM 3X300KG 12/24V RETROFIT HANDLE
F0519000027	BO600RPOPTION	BO600RP RETROFIT HOUSING FOR OPTION
F0519000105	REOMA	2 ALUMINIUM CABLE TRAY + 2 ALUMINIUM RAIL SPACERS KIT - 2500MM
F0517000007	UBK25	2500MM U-BRAKET FOR GLASS DOOR
F0519000017	RAL	RAL COLOUR OPTION
F0519000018	COUPEBANDEAU	HOUSING CUTTING OPTION

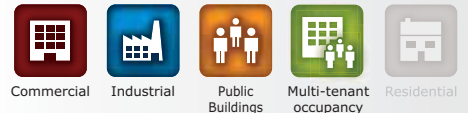
* Refer to Limited Lifetime Warranty Conditions.
** Film on request.



DIA X RETROFIT HOUSINGS

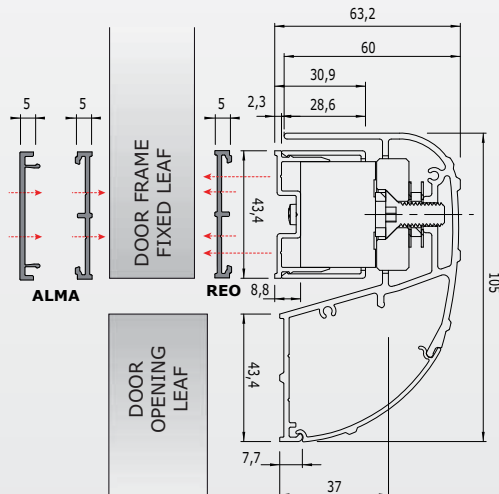
▶ A LARGE RANGE OF RETROFIT HOUSINGS SUITABLE FOR ALL YOUR NEEDS

BO600RH Horizontal Retrofit housings (2 x 300 kg)



- **Surface Mount.**
- **Easy installation.**
- **Aesthetic.**
- **Suitable for metal, wood and glass door.**
- **Ideal for retrofit applications.**
- **Pre-drilled mounting holes.**
- **EM-Locks supplied with terminal blocks.**
- **Groove at the back of the magnet housing for cable management.**
- **Magnet housing supplied with cover.**
- **Options:**
 - Aluminium rail spacers.
 - Aluminium cable tray.
 - Installation on glass door (UBK25).
 - RAL colour.
 - Cut to size.

- Holding force: 2 x 300 kg,
- Dimensions (L x W x D): 925 x 105 x 62mm.
- Magnet housing for frame mount.
- Armature housing with end caps for door mount.
- Input voltage: 12/24/48V dc.
- Consumption:
 - 12V dc = 550mA (per magnet),
 - 24V dc = 275mA (per magnet).
 - 48V dc = 190mA (for the 2 magnets).



PATENTED BREVETÉ



Recommended power supplies



CODE	REFERENCE	DESCRIPTION
F051900094	BO600RH	925MM 2x300KG 12/24V HORIZONTAL RETROFIT HOUSING
F051900095	BO600RHOPTION	BO600RH RETROFIT HOUSING FOR OPTION
F0519000105	REOMA	2 ALUMINIUM CABLE TRAY + 2 ALUMINIUM RAIL SPACERS KIT - 2500MM
F0517000007	UBK25	2500MM U-BRAKET FOR GLASS DOOR
F0519000017	RAL	RAL COLOUR OPTION
F0519000018	COUPEBANDEAU	HOUSING CUTTING OPTION

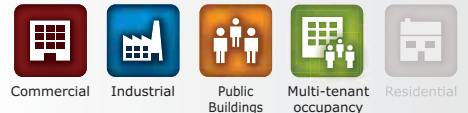
* Refer to Limited Lifetime Warranty Conditions.
** Film on request.

DIAX RETROFIT HOUSINGS

▶ A WIDE RANGE OF RETROFIT HOUSINGS SUITABLE FOR ALL YOUR NEEDS

BO800RN Retrofit housings (2 x 400kg)

H.R.V.
HIGH RESISTANCE
TO VANDALISM

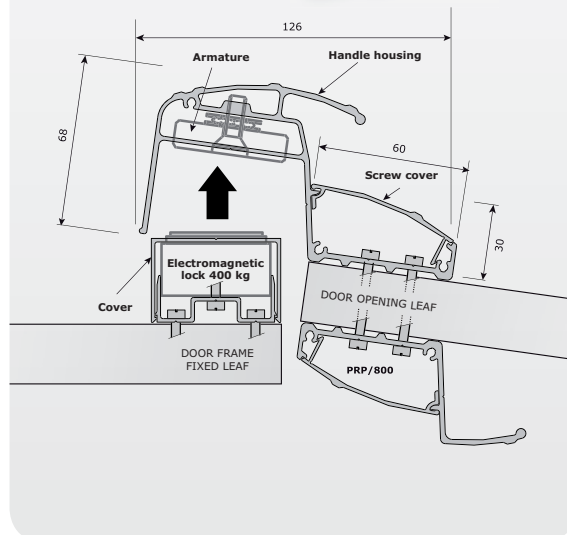


MOUNTING **
10
MINUTES



- **NF S 61-937.**
- **Holding force: 2 x 400 kg.**
- **Ultra-quick installation**.**
- **Pre-drilled sections (adjustable).**
- **Pre-assembled.**
- **Attractive.**
- **Width overlapping the previous installations.**
- **Electromagnetic locks with terminal block.**
- **Groove at back of the magnet housing for easy wiring access.**

- Holding force: 2 x 400 kg.
- End caps for the ends of the handles and technical column.
- Options:
 - three 400kg electromagnetic locks (Holding force: 1200kg - 12/24V dc),
 - Installation on glass door: UBKU & UBK25,
 - RAL colour,
 - Cut.
- Voltage: 12/24/48V dc.
- Consumption per 400kg electromagnetic lock:
 - 12V dc = 550mA.
 - 24V dc = 275mA.
- Consumption for the twice 400kg electromagnetic lock in 48V dc = 275mA.



RoHS

WEEE

CE Certification

-20°C to +70°C

Recommended power supplies



**PATENTED,
BREVETÉ**

CODE	REFERENCE	DESCRIPTION
F0519000039	BO800RN	2500MM 2X400KG RETROFIT HOUSING
F0519000045	BO800RN3M	3000MM 2X400KG RETROFIT HOUSING
F0519000042	BO1200RN	2500MM 3X400KG RETROFIT HOUSING
F0519000055	PRP800	REINFORCEMENT SECTION WITH HANDLE FOR OPPOSITE SIDE OF THE DOOR
F0517000001	UBKU	U-BRACKET GLASS DOOR FIXING FOR ARMATURE PLATE
F0517000007	UBK25	2500MM U-BRACKET FOR GLASS DOOR
F0519000017	RAL	RAL COLOUR OPTION
F0519000018	COUPEBANDEAU	HOUSING CUTTING OPTION

* Refer to Limited Lifetime Warranty Conditions.
** Film on request.



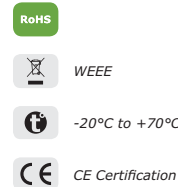
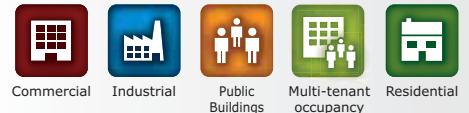
RETROFIT HANDLES

▶ A WIDE RANGE OF RETROFIT HANDLES SUITABLE FOR ALL YOUR NEEDS

P300RP 400MM retrofit handle (1 x 300Kg)



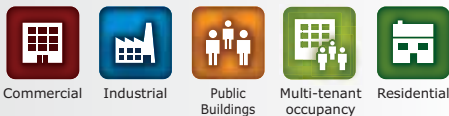
- **NF S 61-937.**
- **Enclosed housing with handle.**
- **Quick and easy installation.**
- **Installation on all kinds of doors (metal, wood and glass door).**
- **Ideal for renovations.**
- Holding force: 300 kg,
- Dimensions (L x W x D): 400 x 105 x 63mm.
- End caps for the ends of the handles.
- Options: Aluminium rail spacers, Aluminium cable tray, Installation on glass door (UBK25), RAL colour, Cut to size (REOMA60).
- Input voltage: 12/24V dc.
- Consumption:
 - 12V dc = 550mA,
 - 24V dc = 275mA.



PATENTED BREVETÉ

CODE	REFERENCE	DESCRIPTION
F0519000023	P300RP	400MM 300KG RETROFIT HANDLE - NFS61937
F0519000029	P300RPOPTION	P300RP RETROFIT HANDLE FOR OPTION
F0519000111	REOMA60	2 ALUMINIUM CABLE TRAY + 2 ALUMINIUM RAIL SPACERS KIT - 600MM
F0517000007	UBK25	2500MM U-BRAKET FOR GLASS DOOR
F0519000017	RAL	RAL COLOUR OPTION
F0519000018	COUPEBANDEAU	HOUSING CUTTING OPTION

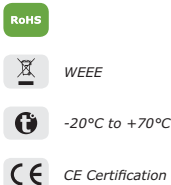
600MM retrofit handle (2 x 300Kg) P600RP



- **NF S 61-937.**
- **Enclosed housing with handle.**
- **Quick and easy installation.**
- **Installation on all kinds of doors (metal, wood and glass door).**
- **Ideal for renovations.**
- Holding force: 2 x 300kg,
- Dimensions (L x W x D): 600 x 105 x 63mm.
- End caps for the ends of the handles.
- Options: Aluminium rail spacers, Aluminium cable tray, Installation on glass door (UBK25), RAL colour, Cut to size (REOMA60).
- Input voltage: 12/24/48V dc.
- Consumption:
 - 12 V DC = 550 mA (per magnet),
 - 24 V DC = 275 mA (per magnet),
 - 48 V DC = 275 mA (for the 2 magnets).



PATENTED BREVETÉ



CODE	REFERENCE	DESCRIPTION
F0519000024	P600RP	600MM 2X300KG RETROFIT HANDLE - NFS61937
F0519000031	P600RPOPTION	P600RP RETROFIT HANDLE FOR OPTION
F0519000111	REOMA60	2 ALUMINIUM CABLE TRAY + 2 ALUMINIUM RAIL SPACERS KIT - 600MM
F0517000007	UBK25	2500MM U-BRAKET FOR GLASS DOOR
F0519000017	RAL	RAL COLOUR OPTION
F0519000018	COUPEBANDEAU	HOUSING CUTTING OPTION

* Refer to Limited Lifetime Warranty Conditions.



RETROFIT HANDLES

▶ A WIDE RANGE OF RETROFIT HANDLES SUITABLE FOR ALL YOUR NEEDS

PBO400RN40

400MM retrofit handle (1 x 400Kg)



**PATENTED,
BREVETÉ**

- **NF S 61-937.**
- **Ultra-quick installation.**
- **400mm handle.**
- **Pre-drilled sections (adjustable).**
- **Width overlapping the previous installations.**
- **Terminal block.**

- Holding force: 400kg.
- Dimensions (L x W x D): 400 x 126 x 68mm.
- Satin-finished silver anodised aluminium section with possibility of RAL (Option).
- End caps for the ends of the handles.
- Glass door option: UBKPBO400RN40.
- Input voltage: 12/24V dc.
- Consumption of the 400 kg electromagnetic lock:
 - 12V dc = 550mA.
 - 24V dc = 275mA.



Commercial

Industrial

Public Buildings

Multi-tenant occupancy

Residential

RoHS



CE Certification



WEEE



-20°C to +70°C



Recommended power supplies



ARD212

BS60

CODE	REFERENCE	DESCRIPTION
F0519000046	PBO400RN40	400MM 1x400KG RETROFIT HANDLE
F0517000012	UBKPBO400RN40	2 x 400MM UBK KIT
F0519000017	RAL	RAL COLOUR OPTION

600MM retrofit handle (2 x 400Kg)

PBO800RN60



Commercial

Industrial

Public Buildings

Multi-tenant occupancy

Residential



Recommended power supplies



ARD212

BS602

RoHS



WEEE



CE Certification



-20°C to +70°C

- **NF S 61-937.**
- **Ultra-quick installation.**
- **600mm handle.**
- **Pre-drilled sections (adjustable).**
- **Width overlapping the previous installations.**
- **Terminal block.**

- Holding force: 2 x 400 kg.
- Satin-finished silver anodised aluminium section with possibility of RAL (Option).
- End caps for the ends of the handles.
- Glass door option: UBK (See P. 254).
- Dimensions (L x W x D): 600 x 126 x 68mm.
- Input voltage: 12/24/48V dc.
- Consumption par ventouse 400kg:
 - 12V dc = 550mA,
 - 24V dc = 275mA.
- Consumption for the two 400kg electromagnetic locks en 48V dc: 275mA.



**PATENTED,
BREVETÉ**

CODE	REFERENCE	DESCRIPTION
F0519000056	PBO800RN60	600MM 2x400KG RETROFIT HANDLE
F0519000087	PBO800RN60OPTION	600MM 2x400KG RETROFIT HANDLE FOR OPTION
F0519000017	RAL	RAL COLOUR OPTION

* Refer to Limited Lifetime Warranty Conditions.



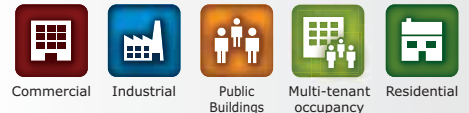
RETROFIT HANDLES

▶ A WIDE RANGE OF RETROFIT HANDLES SUITABLE FOR ALL YOUR NEEDS

PWM25PSR Self-aligning magnetic shearlock with handle



INOX



- **Monitored NO/NC.**
- **Built-in handle.**
- **Illuminated exit push button**
- **Shearing force: 800kg.**
- **Patented self-aligning mechanism.**
- **Electromagnetic lock and armature width = 25mm.**
- **Finish:**
 - Stainless steel (PWM25PSR),
 - RAL black (PWM25PSRRALNOIR).
- **RAL colour.**
- **Built-in varistor (Electronic protection to eliminate back EMF).**
- **Dimensions (L x W x D):**
 - Electromagnetic lock = 250 x 50 x 27mm,
 - Armature = 250 x 80 x 27mm.
- **Option: RAL.**
- **Input voltage: 12/24V dc.**
- **Consumption:**
 - 12V dc = 460mA,
 - 24V dc = 230mA.



Available in standard Black RAL version
(Ref: PWM25PSRRALNOIR)

Other RAL colour (On request)

Colours provided as a rough guide. Please consult a colour chart



RoHS

WEEE

CE Certification

Recommended power supplies



PATENTED BREVETÉ

CODE	REFERENCE	DESCRIPTION
F053500023	PWM25PSR	12/24V DC HANDLE + ILLUMINATED EXIT PUSH BUTTON AND MONITORED
F053500028	PWM25PSRSR	PWM25PSR + RAL
F053500030	PWM25PSRRALNOIR	PWM25PSR + BLACK RAL

* Refer to Limited Lifetime Warranty Conditions.

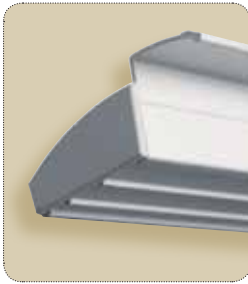


RETROFIT HOUSING AND HANDLE ACCESSORIES

▶ ESSENTIAL ACCESSORIES TO OPTIMIZE YOUR SITE

PRP800

Reinforcement section (opposite side of the door)



- For **BO800RN retrofit housing**.
- Suitable for **metal, wood and glass door**.

- Dimensions (L x W x D): 2500 x 57 x 41mm.
- Material: Aluminium.

RAL colours (on request)

Colours provided as a rough guide. Please consult a colour chart



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



CE Certification



WEEE

CODE	REFERENCE	DESCRIPTION
F0519000055	PRP800	REINFORCEMENT SECTION WITH HANDLE FOR OPPOSITE SIDE OF THE DOOR
F0519000017	RAL	RAL COLOUR OPTION

Glass door U-bracket

UBK25



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



CE Certification



WEEE



- **The UBK25 is a U bracket for mounting retrofit housings & handles on glass doors:**

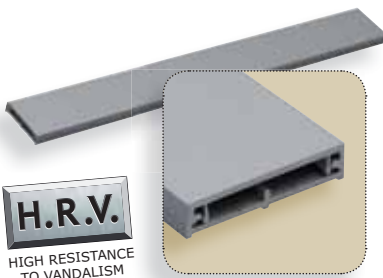
- Dimensions (L x W x D): 2500 x 62 x 33.5mm.



CODE	REFERENCE	DESCRIPTION
F0517000007	UBK25	2500MM U-BRACKET GLASS DOOR FIXING

ALMA

Aluminium Cable tray



- **Aesthetic.**

- Dimensions (L x W x D): 2500 x 43 x 10mm.
- Material: SAA finish**.
- Option: RAL (On request).

RAL colours (on request)

Colours provided as a rough guide. Please consult a colour chart



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



CE Certification



WEEE

CODE	REFERENCE	DESCRIPTION
F0519000086	ALMA	ALUMINIUM CABLE TRAY
F0519000017	RAL	RAL COLOUR OPTION

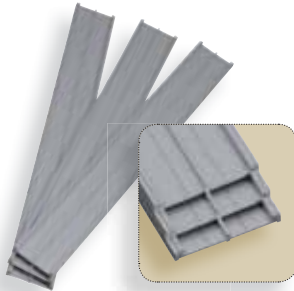
* Refer to Limited Lifetime Warranty Conditions.
 ** Satin Anodised Aluminium Finish.



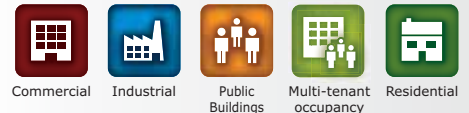
RETROFIT HOUSING AND HANDLE ACCESSORIES

▶ ESSENTIAL ACCESSORIES TO OPTIMIZE YOUR SITE

REO Aluminium rail spacer



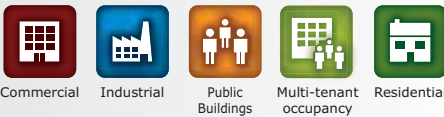
- **Stackable.**
- **Aluminium rail spacer for:**
 - BO600RH horizontal retrofit housing,
 - BO600RP vertical retrofit housing,
 - P300RP and P600RP handles.
- Dimensions (L x W x D): 2500 x 43 x 5mm.
- Material: SAA finish**.



CODE	REFERENCE	DESCRIPTION
F0519000085	REO	ALUMINIUM RAIL SPACER

2 Aluminium cable trays + 2 aluminium rail spacer kits

REOMA



- **2 aluminium cable tray (ALMA) + 2 aluminium rail spacer (REO) kits.**

- Dimensions (L x W x D):
 - REOMA60 = 600 x 43 x 5mm (P300RP & P600RP),
 - REOMA = 2500 x 43 x 5mm (BO600RP & BO600RH).
- Material: Aluminium.
- Option: RAL (On request).

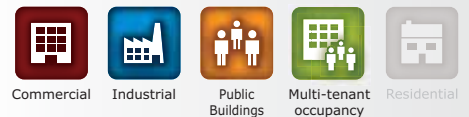


CODE	REFERENCE	DESCRIPTION
F0519000111	REOMA60	600MM 2 ALUMINIUM CABLE TRAYS + 2 ALUMINIUM RAIL SPACER KITS
F0519000105	REOMA	2500MM 2 ALUMINIUM CABLE TRAYS + 2 ALUMINIUM RAIL SPACER KITS
F0519000017	RAL	RAL COLOUR OPTION

CABB Extension cable for retrofit housing (2 electromagnetic locks)



- **Extension cable with terminal block with or without monitoring.**
- **Compatible with all Diax® retrofit housing range.**
- Length: 2000mm.







CODE	REFERENCE	DESCRIPTION
F0534000029	CABB	2 ELECTROMAGNETIC LOCKS EXTENSION CABLE FOR RETROFIT HOUSINGS

* Refer to Limited Lifetime Warranty Conditions.
 ** Satin Anodised Aluminium Finish.

COMPARISON TABLE

► SOLENOID BOLT LOCKS & MOTORIZED LOCKS



	SOLENOID BOLT LOCKS													
	FL		DX4000					DX						
	FL12	FL2448 NF 5 61-937	DX4025	DX4030	DX4035	DX4025I	DX4030I	DX4035I	DX200I	DX22	DX22CC	DX32	DX32CC	DX50S
General features														
Dimensions Strike (L x W x D) in mm	150 x 34 x 25		320 x 25 x 3					212 x 22 x 3		210 x 23 x 32				
Dimensions lock(L x W x D) in mm	350 x 34 x 51		320 x 25 x 38					212 x 22 x 48		210 x 23 x 38				
Dimensions Motorized lock (L x W x D) in mm	-		-					-		-				
Backset dimension in mm	-		25	30	35	25	30	35	-	22	32	50		
Follower provision	-		-					-		Yes				
Built-in interlocking controller function	-		Yes					-		-				
Flush mount	Yes		Yes					Yes		Yes				
Surface mount	KFL		KDX4000					KDX200		-				
Fail-secure	-		Yes		-			-		Yes				
fail-safe	Yes		-		Yes			Yes		-				
Door status monitoring	Yes		Yes					Yes		-				
European cylinder provision	-		Yes					-		Yes				
Time-out	-		Yes					Yes		-				
Audible feedback	-		-					-		-				
Terminal bolck	Yes		-					Yes		-				
Material	Stainless steel		Stainless steel					S. steel		Steel				
Electrical properties														
Free Voltage	-		-					Yes		-				
Input voltage 12V ac	-		-					-		Yes				
Input voltage 12V dc	Yes		Yes					Yes		Yes				
Input voltage 24V dc	Yes		-					Yes		-				
Input voltage 48V dc	Yes		-					-		-				
Consumption 12V ac (in mA)	-		-					-		1250				
Stand-by current (in mA)	-		-					-		-				
Rush current (in mA)	-		-					-		-				
Consumption 12V dc (in mA)	500		-					-		1250				
Stand-by current (in mA)	-		300					200		-				
Rush current (in mA)	-		2600					1000		-				
Consumption 24V dc (in mA)	250		-					-		-				
Stand-by current (in mA)	-		-					130		-				
Rush current (in mA)	-		-					600		-				
Consumption 48V dc (in mA)	125		-					-		-				
Recommended environment														
														
	Page 258		Page 259					P. 260		Page 261				

* Refer to Limited Lifetime Warranty Conditions.



SOLENOID BOLT LOCKS

DX - DY					SDA										MV							
DX60	DY22	DY32	DY50S	DY60S	SDA25	SDA25I	SDA2524V (On request)	SDA25I24V (On request)	SDA30	SDA30I	SDA3024V (On request)	SDA30I24V (On request)	SDA35	SDA35I	SDA3524V (On request)	SDA35I24V (On request)	MVA	MVM	MVM2C			
210 x 23 x 32					150 x 40 x 3 / 150 x 55 x 3										-							
210 x 23 x 38					255 x 25 x 42.5					255 x 25 x 47.5					255 x 25 x 52.5					-		
-					-										166 x 96 x 42							
60	22	32	50	60	25				30				35				-					
Yes					-										-							
-					-										-							
Yes					Yes										-							
-					-										Yes							
Yes					Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Motorized					
-					-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-					
-					Yes										Yes							
Yes					Yes										-							
-					-										-							
-					-										Yes							
-					-										Yes							
Steel					Stainless steel										Treated steel							
-					-										-							
Yes					-										-							
Yes					Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes					
-					-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-					
-					-										-							
1250					-										-							
-					-										-							
-					-										-							
1250					320	255	320	255	320	255	320	255	320	255	320	255	320	255	-			
-					-										20							
-					-										410							
-					-	-	160	125	-	-	160	125	-	-	160	125	-					
-					-										-							
-					-										-							



* Refer to Limited Lifetime Warranty Conditions.



SOLENOID BOLT LOCKS

▶ A WIDE RANGE OF SOLENOID BOLT LOCKS SUITABLE FOR ALL YOUR NEEDS

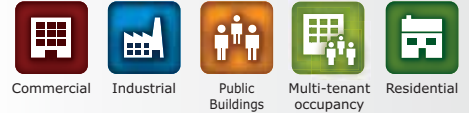
FL Anti-panic solenoid bolt locks



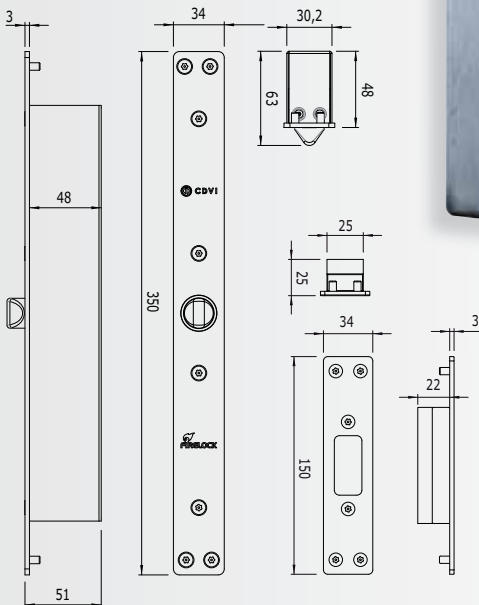
INOX



PATENTÉ BREVETÉ



- **NF S 61-937 (Ref: FL2448).**
- **Emergency exit.**
- **Non-handed.**
- **Stainless steel bolt 20mm diameter.**
- **Force: 500kg.**
- **Tested to operate at 100kg side load.**
- **Fail safe.**
- **Robust.**
- **Monitored NO/NC.**
- **Single or double door use.**
- **Horizontal or vertical mortise lock.**
- **Optional: surface mount housing (Ref: KFL).**
- **Input voltage:**
 - FL12 = 12V dc,
 - FL2448 = 24/48V dc.
- **Consumption:**
 - 12V dc = 500mA,
 - 24V dc = 250mA,
 - 48V dc = 125mA.



Recommended power supplies



RoHS

WEEE

IP42

-40° C to +70°C

CE Certification

CODE	REFERENCE	DESCRIPTION
F0535000013	FL12	12V DC ANTI-PANIC SOLENOID BOLT LOCK + MONITORED
F0535000016	FL2448	24/48V DC ANTI-PANIC SOLENOID BOLT LOCK + MONITORED
F0535000041	KFL	SURFACE MOUNT HOUSING

* Refer to Limited Lifetime Warranty Conditions.



SOLENOID BOLT LOCKS

▶ A WIDE RANGE OF SOLENOID BOLT LOCKS SUITABLE FOR ALL YOUR NEEDS

DX4000 Solenoid bolt - Backsets 25/30/35mm



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

INOX



RoHS

WEEE

IP53

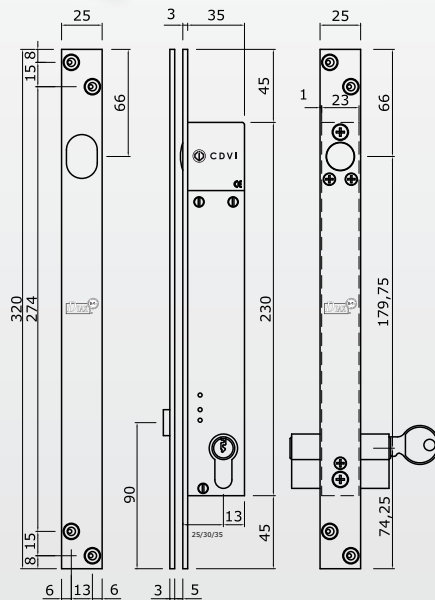
-20° C to +50°C

CE Certification

Recommended power supplies



AL500



- **Stainless steel.**
- **Intelligent electronics.**
- **Built-in interlocking controller function.**
- **Deadlocking.**
- **Patented self-locking mechanism.**
- **On-board timer.**
- **Rotating bolt to prevent sawing.**
- **Dust protection: sealed mechanism.**
- **Robust: stainless-steel strike (3mm), faceplate and latch guide.**
- **Door status monitoring.**
- **Fail-secure or fail-safe.**
- **Optical sensors to control the latch position.**
- **European cylinder provision.**

- Dimensions (L x W x D):
 - Faceplate and strike: 320 x 25 x 3mm,
 - Case: 230 x 23 x 35mm.
- European cylinder (not supplied).
- Anti-static.
- Detection throughout the entire stroke, of the latch position by means of opto-switch optical sensors (repetitive «forced locking» or alarm system).
- Optional: surface mount housing KDX4000.
- Input voltage: 12V dc.
- Consumption:
 - stand-by = 0.3A,
 - rush = 2.6A.

PATENTÉ BREVETÉ

CODE	REFERENCE	DESCRIPTION
F0529000019	DX4025	FAIL-SECURE SOLENOID BOLT 12V DC - BACKSET 25 + MONITORED
F0529000020	DX4030	FAIL-SECURE SOLENOID BOLT 12V DC - BACKSET 30 + MONITORED
F0529000021	DX4035	FAIL-SECURE SOLENOID BOLT 12V DC - BACKSET 35 + MONITORED
F0529000022	DX4025I	FAIL-SAFE SOLENOID BOLT 12V DC - BACKSET 25 + MONITORED
F0529000026	DX4030I	FAIL-SAFE SOLENOID BOLT 12V DC - BACKSET 30 + MONITORED
F0529000027	DX4035I	FAIL-SAFE SOLENOID BOLT 12V DC - BACKSET 35 + MONITORED
F0529000025	KDX4000	SURFACE MOUNT HOUSING

* Refer to Limited Lifetime Warranty Conditions.



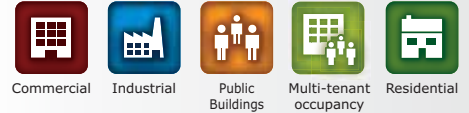
SOLENOID BOLT LOCKS

▶ A WIDE RANGE OF SOLENOID BOLT LOCKS SUITABLE FOR ALL YOUR NEEDS

DX200I Solenoid bolt lock

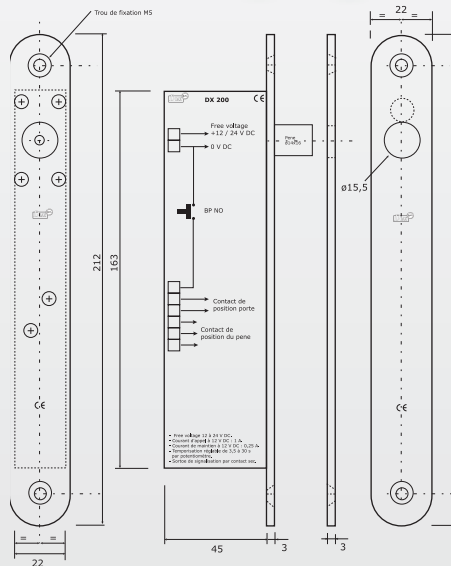
H.R.V.
HIGH RESISTANCE
TO VANDALISM

INOX



- **Fail-safe.**
- **Easy-to-install:**
 - Round edges of the faceplate,
 - Dimensions of the faceplate and the front face are identical, allowing the two elements to be inverted if required,
 - Quick connection with terminal blocks,
 - Compact.
- **Free voltage.**
- **Timer.**
- **Monitored.**
- **Attractive price.**

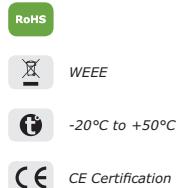
- Dead locking and spinning bolt with diameter of 14mm.
- Dry contact outputs (lock and door status).
- Stainless-steel faceplate and front face, with round edges.
- Symmetrical piston latch and faceplate.
- Small lock dimensions.
- Adjustable timer.
- Optional: KDX200 surface mount housing.
- Free voltage: 12 to 24V dc.
- Working current:
 - 200 mA at 12V dc,
 - 130 mA at 24V dc.
- In-rush current:
 - 1A at 12V dc,
 - 600mA at 24V dc.



Recommended power supplies



PATENTED BREVETÉ



CODE	REFERENCE	DESCRIPTION
F0529000016	DX200I	FAIL-SAFE SOLENOID BOLT 12/24V DC + MONITORED
F0530000018	KDX200	DX200I SURFACE MOUNT HOUSING

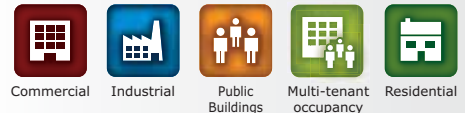
* Refer to Limited Lifetime Warranty Conditions.



DIA X SOLENOID BOLT LOCKS

▶ A WIDE RANGE OF SOLENOID BOLT LOCKS SUITABLE FOR ALL YOUR NEEDS

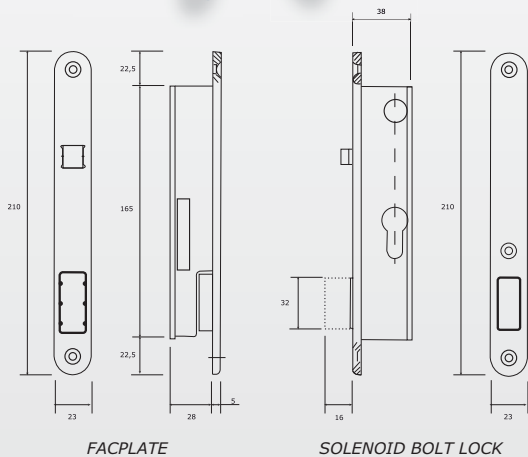
DX - DY Electro-Mechanical lock - 22/32/50/60 backsets



- **The DY range is approved by the rabbinical court of Paris (March 2006).**
- **Backset:** from 22 to 60 mm (depending on model).
- **Followed provision.**
- **Robust.**
- **Fail-secure.**
- **European cylinder provision.**
- Input voltage: 12V dc or 12V ac/dc.
- Consumption: 1,25A.

- RoHS
- WEEE
- IP53
- 20° C to +50°C
- CE certification

Recommended power supplies



DY RANGE APPROVED BY THE RABBINICAL COURT OF PARIS (MARCH 2006)

CODE	REFERENCE	DESCRIPTION
F0531000001	DX22	22MM ELECTRIC LOCK - 12V DC
F0531000019	DX22CC	22MM ELECTRIC LOCK - 12V AC/DC (CONTINUOUS DUTY)
F0531000002	DX32	32MM ELECTRIC LOCK - 12V DC
F0531000036	DX32CC	32MM ELECTRIC LOCK - 12V AC/DC (CONTINUOUS DUTY)
F0531000003	DX50S	50MM ELECTRIC LOCK - 12V DC
F0531000004	DX60	60MM ELECTRIC LOCK - 12V DC
F0531000035	DY22	22MM ELECTRIC LOCK - 12V DC (APPROVED BY THE RABBINICAL COURT)
F0531000032	DY32	32MM ELECTRIC LOCK - 12V DC (APPROVED BY THE RABBINICAL COURT)
F0531000033	DY50S	50MM ELECTRIC LOCK - 12V DC (APPROVED BY THE RABBINICAL COURT)
F0531000034	DY60S	60MM ELECTRIC LOCK - 12V DC (APPROVED BY THE RABBINICAL COURT)

* Refer to Limited Lifetime Warranty Conditions.

DIAX SOLENOID BOLT LOCKS

▶ A WIDE RANGE OF SOLENOID BOLT LOCKS SUITABLE FOR ALL YOUR NEEDS

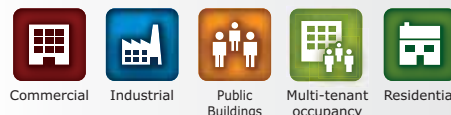
SDA Double-action solenoid bolt lock

INOX

H.R.V.
HIGH RESISTANCE
TO VANDALISM



FACEPLATES



- **Stainless steel.**
- **Double action (swing doors).**
- **3 versions:**
 - 25-mm backset,
 - 30-mm backset,
 - 35-mm backset,
- **European cylinder provision.**
- **Supplied faceplates + filler plates.**
- **Fail-secure or fail-safe.**
- **Monitored.**

- **Dimensions (L x W x D):**
 - SDA25 - SDA25I = 255 x 25 x 42.5mm,
 - SDA30 - SDA30I = 255 x 25 x 47.5mm,
 - SDA35 - SDA35I = 255 x 25 x 52.5mm.
- **Dimensions Faceplates and filler plates (L x W x D):**
 - Faceplates = 150 x 40 x 3mm and 150 x 55 x 3mm,
 - Filler plates = 149 x 24 x 3mm.
- **Input voltage:**
 - 12V dc,
 - 24V dc (On request).
- **Consumption at 12V dc:**
 - Fail-safe = 250mA,
 - Fail-secure = 320mA.
- **Consumption at 24V dc (On request):**
 - Fail-safe = 125mA,
 - Fail-secure = 160mA.

RoHS

WEEE

-40°C to +70°C

CE Certification

Recommended power supplies



PATENTED
BREVETÉ

CODE	REFERENCE	DESCRIPTION
F0531000013	SDA25	FAIL-SECURE DOUBLE-ACTION ELECTRIC LOCK 12V DC - BACKSET 25 + MONITORED
F0531000012	SDA30	FAIL-SECURE DOUBLE-ACTION ELECTRIC LOCK 12V DC - BACKSET 30 + MONITORED
F0531000014	SDA35	FAIL-SECURE DOUBLE-ACTION ELECTRIC LOCK 12V DC - BACKSET 35 + MONITORED
F0531000015	SDA25I	FAIL-SAFE DOUBLE-ACTION ELECTRIC LOCK 12V DC - BACKSET 25 + MONITORED
F0531000016	SDA30I	FAIL-SAFE DOUBLE-ACTION ELECTRIC LOCK 12V DC - BACKSET 30 + MONITORED
F0531000017	SDA35I	FAIL-SAFE DOUBLE-ACTION ELECTRIC LOCK 12V DC - BACKSET 35 + MONITORED
F0531000011	SDA2524V	FAIL-SECURE DOUBLE-ACTION ELECTRIC LOCK 24V DC - BACKSET 25 + MONITORED
F0531000037	SDA3024V	FAIL-SECURE DOUBLE-ACTION ELECTRIC LOCK 24V DC - BACKSET 30 + MONITORED
F0531000038	SDA3524V	FAIL-SECURE DOUBLE-ACTION ELECTRIC LOCK 24V DC - BACKSET 35 + MONITORED
F0531000041	SDA25I24V	FAIL-SAFE DOUBLE-ACTION ELECTRIC LOCK 24V DC - BACKSET 25 + MONITORED
F0531000039	SDA30I24V	FAIL-SAFE DOUBLE-ACTION ELECTRIC LOCK 24V DC - BACKSET 30 + MONITORED
F0531000040	SDA35I24V	FAIL-SAFE DOUBLE-ACTION ELECTRIC LOCK 24V DC - BACKSET 35 + MONITORED

* Refer to Limited Lifetime Warranty Conditions.

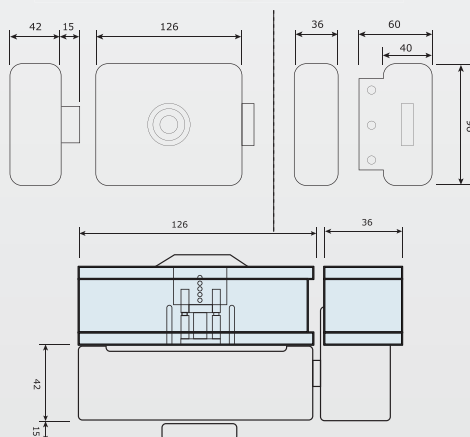


D IAX MOTORISED LOCKS

► A RANGE OF MOTORISED LOCKS TO SECURE YOUR ACCESSES

MV Motorised locks

H.R.V.
HIGH RESISTANCE
TO VANDALISM



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- **Treated steel.**
- **Motorized fail secure.**
- **Reversible.**
- **Surface mount.**
- **Ideal for installations on gates or cellar doors.**
- **Quiet operation.**
- **Robust.**
- **Audible position indicator.**
- **Option of connecting to all types of access control devices (Digicode® keypad, Proximity, RF, etc.).**
- **Available in versions:**
 - cylinder only (MVA),
 - cylinder + knob (MVM)
 - double cylinders (MVM2C).

- Input and output deadlocking bolt.
- Nylon gears: noise reduction, less friction, no rust.
- Varnish-coated PCB.
- Connections by terminal block for easier connection.
- Magnetic contact recognition for automatic re-locking in closed door position.
- Audible signal in the event of a locking error.
- Strike delivered in 2 parts, offering several frontal and transversal assembly possibilities.
- Standard delivery: one round cylinder with 3 keys + adjustable cylinder follower on a door with a thickness of 40 to 90mm.
- Input voltage: 12V dc.
- Low consumption:
 - 20mA in standby,
 - 410mA rush current.

RoHS

WEEE

IP53

CE Certification

Recommended power supplies



ARD212



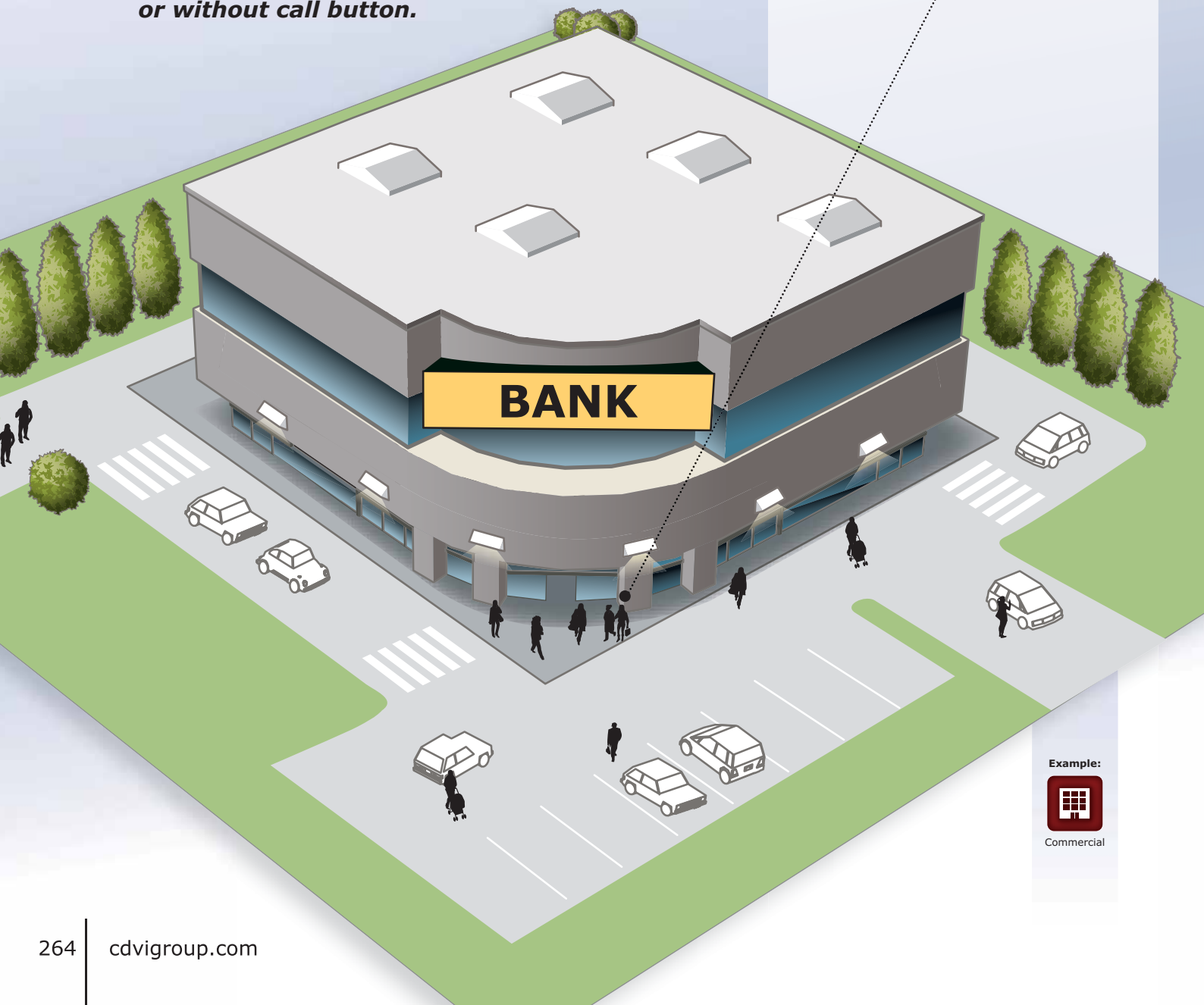
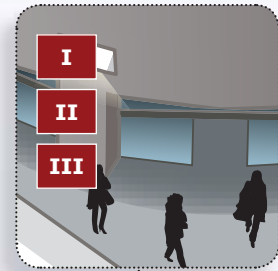
BS602

CODE	REFERENCE	DESCRIPTION
F0529000017	MVA	MOTORISED DEADBOLT
F0529000018	MVM	MOTORISED DEADBOLT WITH MANUAL UNLOCK
F0529000046	MVM2C	MOTORISED DEADBOLT WITH MANUAL UNLOCK - 2 CYLINDERS

* Refer to Limited Lifetime Warranty Conditions.

SASIC Interlock controller**FREE SOFTWARE**

- *Console panel or virtual consoles.*
- *Programming via PC.*
- *Optional: RF receiver module allows control of the interlock unit via a remote transmitter.*
- *Interlock unit with power supply and battery charger.*
- *Console panel (primary and secondary).*
- *Auxiliary card reader.*
- *Visual feedback with or without call button.*



Example:



Commercial

SASIC CREATE YOUR SYSTEM TO ORDER

► IN 3 STEPS

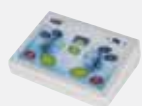
I ► CORE SYSTEM



SASIC

The SASIC is a controller for 2 interlock door that can be connected to up to 4 console panel units or 4 virtual consoles (PC software).

► P. 266



SASCP

The console panel is necessary to manage the interlock system.

► P. 266

II ► SUPPLEMENTARY MODULES



Traffic light units from CDVI are available in 2 different versions:

- SIE = Flush mount,
- SIR= Surface mount.

► P. 266

III ► DOOR COMPONENTS



Locking devices/Accessories

Wide range of locking devices and accessories for optimising the security of your site (strikes, electromagnetic locks, architectural housings, solenoid bolt locks, motorised locks).

► P. 212

SASIC INTERLOCK CONTROLLER UNIT

▶ A CUSTOMISABLE SOLUTION

SASIC Interlock controller



- **Console panel or virtual consoles.**
- **Programming via PC.**
- **Optional:** RF receiver module allows to control the interlock unit with a remote transmitter.
- **Interlock unit with power supply and battery charger.**
- **Control panel (primary and secondary).**
- **Auxiliary card reader.**
- **Remotely-controlled opening control.**
- **Visual feedback with or without call button.**

- Dimensions (L x W x D):
 - Box = 390 x 330 x 100mm,
 - Console panel = 190 x 120 x 70mm,
- There are two operating modes, with or without closing:
 - In the operating mode "closing", the two locks cannot, in any case, be open simultaneously, except when opened by the console panel, remotely or using a key. The remote opening mode is an emergency function that allows the doors to be opened independently from the operating mode.
 - In the operating mode "without closing", the two locks can be opened simultaneously.
- Battery not included.
- Input voltage:
 - 230V ac \pm 10% ; 50/60 Hz,
 - 110V ac \pm 10% ; 50/60 Hz,
- Consumption: max. 80 W.

TRAFFIC LIGHT INDICATORS



- **Visual feedback.**
- **Call button.**
- Dimensions (L x W x D):
 - SIE = 135 x 40 x 28mm,
 - SIS = 125 x 40 x 25mm.
- Flush mount SIE (L x W x D): 125 x 30 x 25mm.
- Input voltage: 12V dc.

RoHS

WEEE

CE Certification

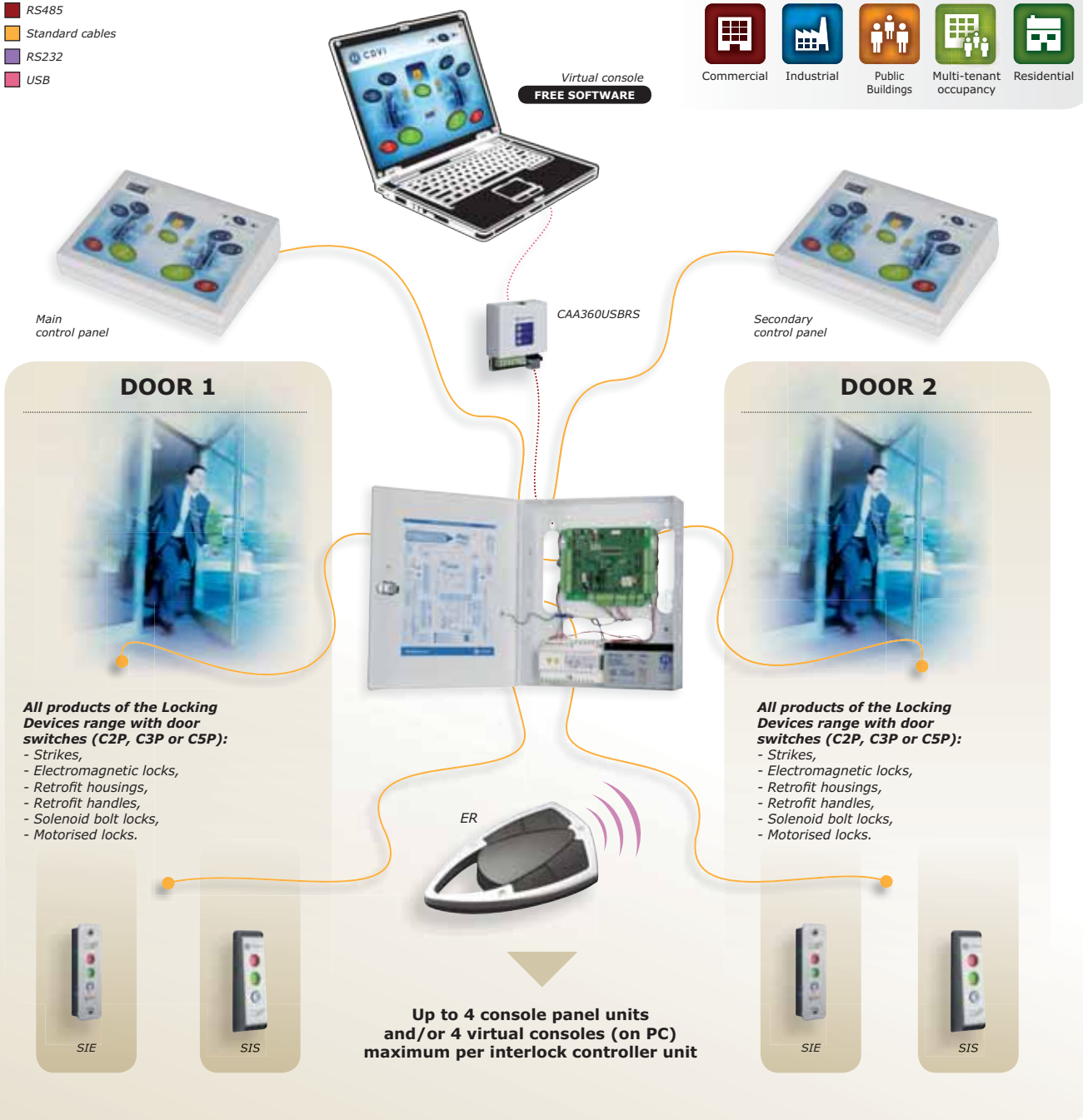
CODE	REFERENCE	DESCRIPTION
F052700014	SASIC	INTERLOCK MANAGEMENT CONTROLLER
F052700013	SASCP	CONSOLE PANEL FOR INTERLOCK
F053300012	SIS	SURFACE MOUNT STAINLESS-STEEL TRAFFIC-LIGHT INDICATOR 2 LEDS
F053300013	SIE	FLUSH MOUNT STAINLESS-STEEL TRAFFIC-LIGHT INDICATOR 2 LEDS
F010400030	ER	4-CHANNEL RF TRANSMITTER
F011100046	CAA360USBR5	RS485 TO USB CONVERTER MODULE

* Refer to Limited Lifetime Warranty Conditions.



- RS485
- Standard cables
- RS232
- USB

- Commercial
- Industrial
- Public Buildings
- Multi-tenant occupancy
- Residential



Main control panel

Secondary control panel

All products of the Locking Devices range with door switches (C2P, C3P or C5P):

- Strikes,
- Electromagnetic locks,
- Retrofit housings,
- Retrofit handles,
- Solenoid bolt locks,
- Motorised locks.

All products of the Locking Devices range with door switches (C2P, C3P or C5P):

- Strikes,
- Electromagnetic locks,
- Retrofit housings,
- Retrofit handles,
- Solenoid bolt locks,
- Motorised locks.



**SEE THE COMPLETE RANGE OF ELECTROMAGNETIC LOCKS,
RETROFIT HOUSINGS, RETROFIT HANDLES, SOLENOID BOLT LOCKS,
MOTORISED LOCKS IN THE PREVIOUS PAGES OF THIS CHAPTER**

* Refer to Limited Lifetime Warranty Conditions.







Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



POWER SUPPLIES TRANSFORMERS

1] COMPARISON TABLE P. 270

2] LINEAR POWER SUPPLIES

BS60 - BS60H - BSM60 12V DC POWER SUPPLIES WITH BATTERY CHARGER	P. 272
BS602 - BSM602 12V DC POWER SUPPLIES WITH BATTERY CHARGER	P. 273
BS24 24V DC POWER SUPPLY WITH BATTERY CHARGER	P. 274
ARD12 12V DC POWER SUPPLY	P. 274
ARD12T 12V DC POWER SUPPLY WITH ADJUSTABLE TIMER AND RELAY	P. 275
ARD212 12V DC POWER SUPPLY (FOR ELECTROMAGNETIC LOCKS)	P. 275
ARD24 24V DC POWER SUPPLY	P. 276
ARDU 12/24 POWER SUPPLY WITH MULTIPLE AC/DC OUTLETS.....	P. 276
AL500 12V DC POWER SUPPLIES (OPTIONAL WITH CHARGER)	P. 277
AL3025 12V DC POWER SUPPLY	P. 277

3] SWITCHING POWER SUPPLIES

ADC123A 12V DC SWITCHING POWER SUPPLY	P. 278
ADC242A 24V DC SWITCHING POWER SUPPLY	P. 278

2] TRANSFORMERS

CA1A 12/24V AC TRANSFORMER	P. 279
CA1R 12/24V AC TRANSFORMER	P. 279

* Refer to Limited Lifetime Warranty Conditions.



COMPARISON TABLE

► COMPLIES WITH EUROPEAN STANDARDS

EN 61000-4-2 EN 61000-4-6
 EN 61000-4-4 EN 55022
 EN 61000-4-5 EN 61000-3-2
 EN 61000-4-11 EN 61000-3-3
 EN 61000-4-3

	POWER SUPPLIES						
	LINEAR						
	WITH CHARGER						
	BS60	BS60H	BSM60	BS602	BSM602	BS24	ARD12
General features							
Input voltage (V AC)	230	230	230	230	230	230	230
AC output voltage	12 V	12 V	12 V	-	-	24 V	12 V
DC output voltage	12 V	12 V	12 V	12 V	12 V	24 V	12 V
Regulated voltage	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rectified/Filtered voltage	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nominal intensity with 12V	1,5 A	1,5 A	1,5 A	2 A	2 A	-	1 A
Nominal intensity with 24V	-	-	-	-	-	1 A	-
Supplied power in VA	-	-	-	-	-	-	-
Protection by fuse	Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	-
Automatic protection by fuses (resettable)	-	-	-	-	-	-	Prim./second. ⁽¹⁾
Fireproof	Yes	Yes	Yes	Yes	Yes	-	-
Relays	-	-	-	-	-	-	-
Battery back-up	Yes	Yes	Yes	Yes	Yes	Yes	-
Digital timer	-	Yes	-	-	-	-	-
Mechanical specifications							
Dimensions L x W x D (in mm)	207 x 195 x 120	207 x 195 x 120	207 x 195 x 120	207 x 195 x 120	197x180x122	250 x 150 x 175	142 x 92 x 60
DIN rail installation (no. of modules)	-	-	-	-	-	-	8
Degree of protection	30	30	20	30	20	42	20
Materials	Polycarbonate	Polycarbonate	Metal	Polycarbonate	Metal	Polycarbonate	Polycarbonate
Recommended environments							
	Page 272	Page 272	Page 272	Page 273	Page 273	Page 274	Page 274

(1) Primary/secondary

(2) Parallel installation of the windings (2 x 1A)



* Refer to Limited Lifetime Warranty Conditions.



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



POWER SUPPLIES TRANSFORMERS

POWER SUPPLIES						TRANSFORMERS			
LINEAR						SWITCHING			
NOT WITH CHARGER						NOT WITH CHARGER			
ARD12T	ARD212	ARD24	ARDU	AL3025	AL500	ADC123A	ADC242A	CA1A	CA1R
230	230	230	230	230	230	230	230	230	230
-	12 V	-	8 - 12 - 24 V	-	-	-	-	8 - 12 V	12 - 24 V
12 V	12 V	24 V	12 - 24 V	12 V	12 V	12 V	24 V	-	-
Yes	-	Yes	-	-	Yes	Yes	Yes	-	-
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
1 A	2 A	-	1 A	2 A	4 A	3 A	-	1 A	2 A ⁽²⁾
-	-	1 A	1 A	-	-	-	2 A	-	1 A
-	-	-	-	-	-	-	-	12	24
-	-	-	-	Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	Primary	Primary	-	-
Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	Prim./second. ⁽¹⁾	-	-	Secondary	Secondary	-	-
-	-	-	-	-	Yes	-	-	-	-
Yes	-	-	-	-	-	-	-	-	-
-	-	-	-	-	BB2/SBRD + B7AH	SBRD + B7AH	SBRD + B7AH	-	-
-	-	-	-	-	-	-	-	-	-
142 x 92 x 60	142 x 92 x 60	142 x 92 x 60	142 x 92 x 60	125 x 75 x 100	207 x 195 x 120	142 x 92 x 60	142 x 92 x 60	81 x 56 x 43	90 x 55 x 65
8	8	8	8	-	-	8	8	-	3
20	20	20	20	42	30	20	20	20	20
Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Page 275	Page 275	Page 276	Page 276	Page 277	Page 277	Page 278	Page 278	Page 279	Page 279



* Refer to Limited Lifetime Warranty Conditions.

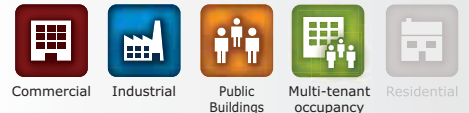
POWER SUPPLIES TRANSFORMERS

POWER SUPPLIES

► 12V DC WITH BATTERY CHARGER

BS60 - BS60H - BSM60

12V dc power supplies + battery charger



BS60

OPTION



TH82712V
Snap-on digital clock
See page 301.

- **Regulated power supply.**
- **B7AH battery included.**
- **Polycarbonate or metal box.**
- **Primary and secondary protected by fuse.**
- **VO polycarbonate box: fireproof.**
- **Additional AC outputs.**

- Dimensions (L x W x D): 207 x 195 x 120mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Consumption: 0.2A.
- Outputs:
 - main 12V dc regulated, with battery charger.
 - additional 12V ac not with battery charger.
- Maximum output power:
 - 12V dc output, 1.5A.
 - 12V ac output, 0.5A.

RoHS

WEEE

IP30

CE Certification

0°C to +40°C



BS60H
BS60 + TH82712V clock

RoHS

WEEE

IP20

CE Certification

0°C to +40°C



BSM60

CODE	REFERENCE	DESCRIPTION
F030100001	BS60	REGULATED 12V POWER SUPPLY WITH BATTERY CHARGER
F030100002	BS60H	REGULATED 12V POWER SUPPLY WITH BATTERY CHARGER + DIGITAL TIMER
F030100003	BSM60	REGULATED 12V POWER SUPPLY WITH BATTERY CHARGER WITH METAL BOX
F030400003	TH82712V	SNAP-ON DIGITAL TIMER (BS60 ONLY)
C3202B001	B7AH	12V 7.0A/H BATTERY

* Refer to Limited Lifetime Warranty Conditions.



**POWER SUPPLIES
TRANSFORMERS**

POWER SUPPLIES

▶ 12V DC WITH BATTERY CHARGER

BS602 - BSM602 12V dc power supplies with battery charger



BS602

- **Regulated power supply.**
- **7Ah battery included.**
- **Polycarbonate or metal box.**
- **Primary and secondary protected by fuse.**
- **VO polycarbonate box: fireproof.**

- Dimensions (L x W x D): 197 x 180 x 122mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Consumption: 0.25A.
- Output: 12V dc regulated, with battery charger.
- Maximum output power: 12V dc output, 2A.

- RoHS
- WEEE
- IP30
- CE Certification
- 0°C to +40°C



BSM602

- RoHS
- DEEE
- IP20
- Certification CE
- 0°C à +40°C

CODE	REFERENCE	DESCRIPTION
F0301000005	BS602	REGULATED 12 V POWER SUPPLY WITH BATTERY CHARGER
F0301000008	BSM602	BS602 + METAL BOX
C3202B001	B7AH	12V 7A/H BATTERY

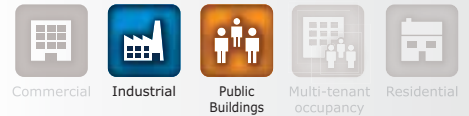
* Refer to Limited Lifetime Warranty Conditions.

POWER SUPPLIES
TRANSFORMERS

POWER SUPPLIES

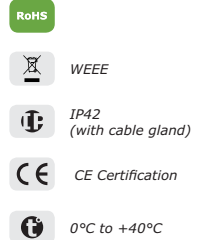
▶ 24V DC WITH BATTERY CHARGER & 12V DC WITHOUT BATTERY CHARGER

BS24 24V dc power supply with battery charger



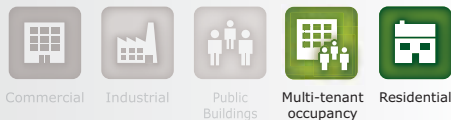
- **Regulated power supply.**
- **B7AH battery included.**
- **Additional AC output.**

- Dimensions (L x W x D): 250 x 150 x 175mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Consumption: 0.32A.
- Outputs:
 - main 24V dc, with charger and regulated.
 - additional 24V ac, not with charger.
- Maximum output power:
 - 24V dc output, 1A,
 - 24V ac output, 0.5A.



CODE	REFERENCE	DESCRIPTION
F0301000006	BS24	24V POWER SUPPLY WITH BATTERY CHARGER
C3202B001	B7AH	12V 7A/H BATTERY

12V dc power supply **ARD12**



- **Regulated power supply.**
- **Primary and secondary protected by resettable fuse.**
- **Additional AC output.**

- Dimensions (L x W x D): 142 x 92 x 60mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Consumption: 0.15A.
- 2 outputs:
 - main 12V dc regulated,
 - additional 12V ac.
- Maximum output power:
 - 12V dc output, 1A,
 - 12V ac output, 0.35A.



CODE	REFERENCE	DESCRIPTION
F0302000001	ARD12	12V POWER SUPPLY 1.5A

* Refer to Limited Lifetime Warranty Conditions.

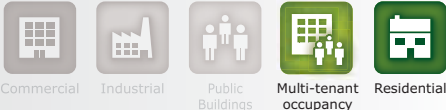


POWER SUPPLIES

► 12V DC WITHOUT BATTERY CHARGER

12V dc power supply with adjustable timer/relay

ARD12T



- **Regulated power supply.**
- **Primary and secondary protected by resettable fuse.**



RoHS

WEEE

IP20

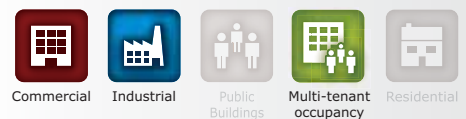
CE Certification

-25°C to +55°C

- Dimensions (L x W x D): 142 x 92 x 60mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Consumption: 0.15A.
- 2 outputs:
 - main 12V dc regulated,
 - Time relay output with NO/NC dry contacts (8A/250V). Timer adjustable from 0.5 to 3.5s.
- Maximum output power: 12V dc output, 1A,

CODE	REFERENCE	DESCRIPTION
F040600001	ARD12T	MODULAR 12V POWER SUPPLY WITH ADJUSTABLE TIMER/RELAY

ARD212 12V dc power supply



- **Designed for locking with electromagnetic locks.**
- **Rectified, filtered and unregulated power supply.**
- **Primary and secondary protected by resettable fuse.**
- **Additional AC output.**

- Dimensions (L x W x D): 142 x 92 x 60mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Max. consumption: 0.16A.
- 2 outputs:
 - main 12V dc rectified, filtered and unregulated,
 - additional 12V ac.
- Maximum output power:
 - 12V dc output, 2 A,
 - 12V ac output, 0.35A.

RoHS

WEEE

IP20

CE Certification

-25°C to +55°C

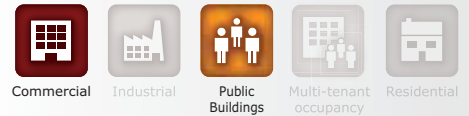
CODE	REFERENCE	DESCRIPTION
F030200010	ARD212	POWER SUPPLY 12V 2 A

* Refer to Limited Lifetime Warranty Conditions.

POWER SUPPLIES






▶ 24V DC & 12/24V AC/DC

ARD24 24 V DC power supply



- **Regulated power supply.**
- **Primary and secondary protected by resettable fuses.**

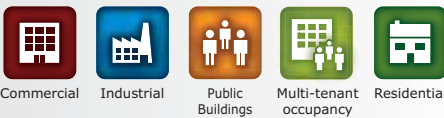
- Dimensions (L x W x D): 142 x 92 x 60mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Max. consumption: 0.21A.
- 24V dc regulated voltage output.
- Maximum output power: 24V dc, 1A.

-  RoHS
-  WEEE
-  IP20
-  CE Certification
-  -25°C to +55°C

CODE	REFERENCE	DESCRIPTION
F030200002	ARD24	24V POWER SUPPLY 1A






12/24 V power supply, multiple AC and DC outputs

ARDU



- **Primary and secondary protected by resettable fuse.**
- **Rectified outputs, filtered 12/24V dc.**

- Dimensions (L x W x D): 142 x 92 x 60mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Consumption: 0.17A.
- Multiple outputs:
 - 8/12/24V ac outputs,
 - 12/24V dc outputs, rectified, filtered power supply.
- Maximum output power on a single output at once, 1A.

-  RoHS
-  WEEE
-  IP20
-  CE Certification
-  -25°C to +55°C

CODE	REFERENCE	DESCRIPTION
F030200003	ARDU	8/12/24V POWER SUPPLY

* Refer to Limited Lifetime Warranty Conditions.

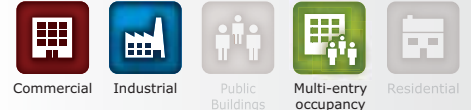


**POWER SUPPLIES
TRANSFORMERS**

POWER SUPPLIES

▶ 12V DC

AL500 12V dc power supply

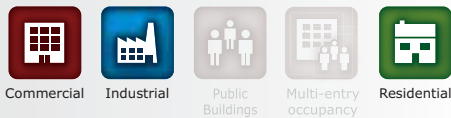


- **Regulated power supply with primary and secondary protected by fuse.**
- **VO polycarbonate box: fireproof.**
- **Fixing to all supports by 4 screws.**
- **Optional: with battery charger by adding a B7AH battery in a BB2 box.**
- Dimensions (L x W x D): 142 x 92 x 60mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Consumption: 0.43A.
- Output: 12V dc.
- Maximum output power: 4A.

- RoHS
- WEEE
- IP30
- CE Certification
- 0°C to +40°C

CODE	REFERENCE	DESCRIPTION
F030200007	AL500	BACKED-UP 12V POWER SUPPLY 4A
F030100012	BB2	BATTERY BOX (CAPACITY: 2 BATTERIES)
C3202B001	B7AH	12V 7A/H BATTERY

12V dc power supply **AL3025**



- **Rectified, filtered and unregulated power supply.**
- **Primary and secondary protected by fuse.**

- Dimensions (L x W x D): 125 x 75 x 100mm.
- Input voltage: 230V ± 10 %, 50/60 Hz.
- Consumption: 0.16A.
- 12V dc output, rectified and filtered.
- Maximum output power: 2A.

- RoHS
- WEEE
- IP42 (with cable gland)
- CE Certification
- 25°C to +40°C

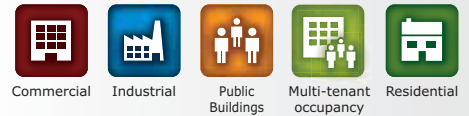
CODE	REFERENCE	DESCRIPTION
F030200005	AL3025	12V POWER SUPPLY 2A

* Refer to Limited Lifetime Warranty Conditions.

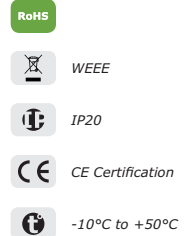
POWER SUPPLIES

► SWITCHING

ADC123A 12V dc switching power supply

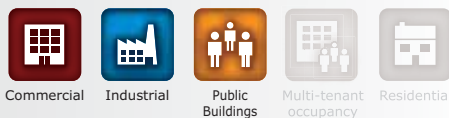


- **Regulated power supply.**
- **Input protected by fuse and output protected by resettable fuse.**
- **Option: battery can be connected to the PSU** (12V).**
- Dimensions (L x W x D): 142 x 92 x 60mm.
- Input voltage: 230 to 240V, 50/60 Hz.
- Consumption: 0.25A.
- PWM regulation (pulse modulation).
- Output: Regulated 12V dc.
- Maximum output power: 3A.

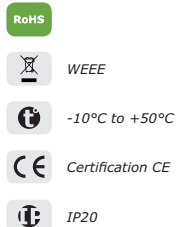


CODE	REFERENCE	DESCRIPTION
F0305000001	ADC123A	SWITCHING POWER SUPPLY 12V 3A
C3202B001	B7AH	12V 7A/H BATTERY
F0305000003	SBRD	DIN RAIL BRACKET FOR BATTERY

24V dc switching power supply ADC242A



- **Regulated power supply.**
- **Input protected by fuse and output protected by resettable fuse.**
- **Option: 2 batteries can be connected to the PSU** (24V).**
- Dimensions (L x W x D): 142 x 92 x 60mm.
- Input voltage: 230 to 240V, 50/60 Hz.
- Consumption: 0.3A.
- PWM regulation (pulse width modulation).
- Output: 24V dc.
- Maximum output power: 2A.



CODE	REFERENCE	DESCRIPTION
F0305000002	ADC242A	24V POWER SUPPLY 2A
C3202B001	B7AH	12V 7A/H BATTERY
F0305000003	SBRD	DIN RAIL BRACKET FOR BATTERY

* Refer to Limited Lifetime Warranty Conditions.
 ** Provide fuse connected in series with the batteries.



**POWER SUPPLIES
TRANSFORMERS**

TRANSFORMERS

► FROM 4 TO 24V AC

CA1A Transformer 4/8/12V ac

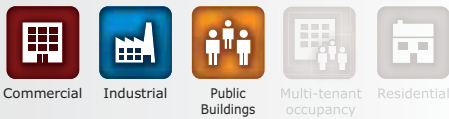


- Dimensions (L x W x D): 81 x 56 x 43mm.
- Primary voltage 230V ± 10 %, 50/60 Hz.
- Standard EN 60742.
- Power 12VA.
- Secondary 4/8/12V ac.
- Class II.

- RoHS
- WEEE
- IP20
- CE Certification
- 30°C to +70°C

CODE	REFERENCE	DESCRIPTION
F0303000001	CA1A	4/8/12V TRANSFORMER - CLASS II

12/24V ac transformers **CA1R**



- Dimensions (L x W x D): 90 x 55 x 65mm.
- Primary voltage 230V ± 10 %, 50/60 Hz.
- Standard EN 61558-2-8.
- Power 24VA.
- Secondary 24V - 2 x 12V with midpoint.
- DIN rail: Number of modules: 3.
- Class II.

- RoHS
- WEEE
- IP20
- CE Certification
- 30°C to +70°C

CODE	REFERENCE	DESCRIPTION
F0303000002	CA1R	12/24V TRANSFORMER - CLASS II

* Refer to Limited Lifetime Warranty Conditions.



FIRELOCK

FIRE SYSTEMS - NFS 61937 COMPLIANCE





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



1] WHY CHOOSE A CDVI PRODUCT COMPLIANT WITH NF S 61-937? P. 282

2] LOCKING KITS FOR EMERGENCY EXITS NF S 61-937

- **KIS300NE** MORTICE 300-KG ELECTROMAGNETIC LOCK + CONTROL UNIT + BREAK-GLASS BOX P. 283
- **KIS300NA** SURFACE MOUNT 300-KG ELECTROMAGNETIC LOCK + CONTROL UNIT + BREAK-GLASS BOX P. 283
- **KIS500NA** SURFACE MOUNT 500-KG ELECTROMAGNETIC LOCK + CONTROL UNIT + BREAK-GLASS BOX P. 283

3] FIREDOOR STRIKES AND ELECTROMAGNETIC LOCKS NF S 61-937

- **FL** EMERGENCY DOOR AND FIREDOOR SOLENOID BOLT LOCKS P. 284
- **V3ER48** 300-KG MORTICE ELECTROMAGNETIC LOCK 48V DC P. 285
- **V3S48** 300-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 48V DC P. 285
- **V5SR48V** 500-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 48V DC P. 285
- **GPCF** FIREDOOR STRIKES P. 286
- **VIR** FIRE ELECTROMAGNETIC LOCKS WITH OR WITHOUT STANDS - 20 TO 50 KG P. 287

4] ACCESSORIES NF S 61-937

- **BBGP** EMERGENCY DOOR RELEASE P. 288
- **L3L4NFS - L5NFS** L-BRACKETS P. 288
- **SUPVR** UNIVERSAL STAND FOR FIRE ELECTROMAGNETIC LOCK P. 288
- **BRC** RELAY CONTROL MODULE FOR KIS KITS P. 289
- **CPART** ADJUSTABLE ARMATURE FOR MAGNETIC DOOR HOLDER P. 289
- **CPREARM** RESETTABLE ARMATURE FOR MAGNETIC DOOR HOLDER P. 289

* Refer to Limited Lifetime Warranty Conditions.





WITH OUR FIRE SOLUTIONS, YOU ARE CHOOSING QUALITY, SAFETY AND COMPLIANCE!

Many electromagnetic locking devices available on the market comply with standard NF S 61-937. However, certain reports require a close reading. Indeed, these products are declared to be compliant, as long as they respect installation conditions, and many of them are declared compliant exclusively when controlled by manual releases (they are not therefore compliant when they are connected to the emergency-exit control device and if the latter is part of the installation). Our 300kg, 400kg and 500kg electromagnetic locks are also currently covered by reports that declare their conformity, whether unlocked by manual releases or by Online Emergency-Exit management Units (UCGIS).

What the law says...

According to the Order of 2 February 1993, published in the state gazette of 18th march 1993, §2 article CO 46: The locking of emergency exit doors can be authorised when approved by the safety committee, as long as the measures stated below in this article are respected:

- A] Each door must be equipped with an electromagnetic locking device in compliance with the current standard for this application;
- B] The equipped doors may only be controlled in accordance with one of the two following principles:
 - By a manual control device (break-glass box, for example with switch function placed on the remote transmission line and located near the equipped exit;
 - By an emergency-exit control device in accordance with the provisions of standard NF S 61-937 that affect it.

OUR NF S 61-937 CERTIFICATION NUMBERS ON REQUEST

KIS300NE, KIS300NA, KIS500NA.

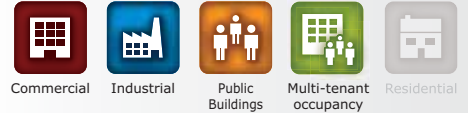
CONSULT THE COMPLETE RANGE OF NF S 61-937 PRODUCTS DEDICATED TO THE EMERGENCY EXIT IN THE «LOCKING DEVICES» CHAPTER: ELECTROMAGNETIC LOCKS, RETROFIT HOUSINGS & HANDLES, SOLENOID BOLT LOCKS.



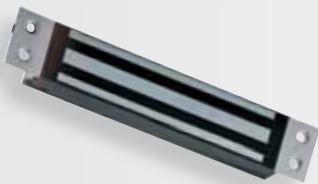
FIRELOCK EMERGENCY EXIT SYSTEMS

▶ A LARGE CHOICE OF PRODUCTS COMPLYING WITH NF S 61-937

KIS Kits (electromagnetic lock + break-glass box + fire relay control)



KIS300NE MORTICE 300-KG ELECTROMAGNETIC LOCK KIT



300-KG MORTICE ELECTROMAGNETIC LOCK 24V DC



BBGP2V



BRC

RoHS

WEEE

CE Certification

Recommended power supplies

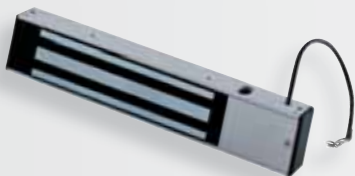


BS24



ARD24

KIS300NA SURFACE MOUNT 300-KG ELECTROMAGNETIC LOCK KIT



300-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 24V DC



BBGP2V



BRC

RoHS

WEEE

CE Certification

Recommended power supplies

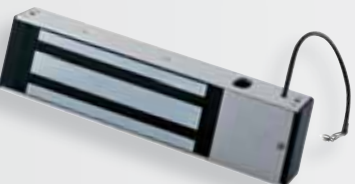


BS24



ARD24

KIS500NA SURFACE MOUNT 500-KG ELECTROMAGNETIC LOCK KIT



500-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 24V DC



BBGP2V



BRC

RoHS

WEEE

CE Certification

Recommended power supplies



BS24



ARD24

CODE	REFERENCE	DESCRIPTION
F0514000001	KIS300NE	300-KG MORTICE ELECTROMAGNETIC LOCK + 1 BBGP2V + 1 CONTROL UNIT (BRC) KIT
F0514000002	KIS300NA	300-KG SURFACE MOUNT ELECTROMAGNETIC LOCK + 1 BBGP2V + 1 CONTROL UNIT (BRC) KIT
F0514000003	KIS500NA	500-KG SURFACE MOUNT ELECTROMAGNETIC LOCK + 1 BBGP2V + 1 CONTROL UNIT (BRC) KIT

* Refer to Limited Lifetime Warranty Conditions.



FIRELOCK EMERGENCY EXIT SYSTEMS

► SOLENOID BOLT LOCK

FL2448 48V dc emergency exit solenoid bolt locks



Commercial



Industrial



Public Buildings



Multi-tenant occupancy

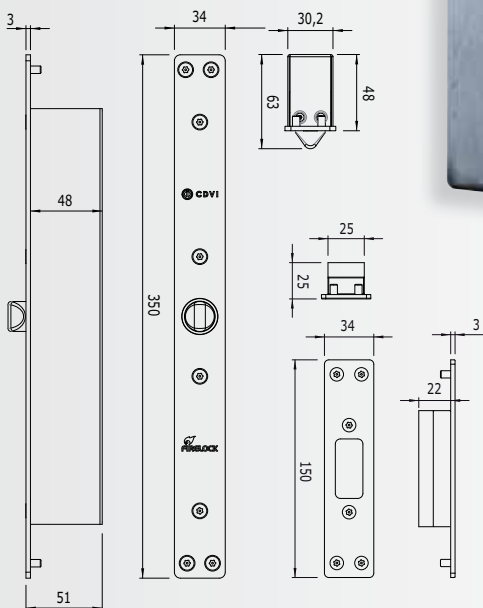


Residential



- **NF S 61-937 (Ref: FL2448).**
- **Emergency exit.**
- **Non-handed.**
- **Stainless steel bolt 20mm diameter.**
- **Force: 500kg.**
- **Tested to operate at 100kg side load.**
- **Fail safe.**
- **Robust.**
- **Monitored NO/NF.**
- **Single or double door use.**
- **Horizontal or vertical mortise lock.**
- **Optional: surface mount housing (Ref: KFL).**

- **Input voltage: 24/48V dc.**
- **Consumption:**
 - 24V dc = 250mA,
 - 48V dc = 125mA.



RoHS

WEEE

IP42

-40° C to +70°C

CE Certification

CODE	REFERENCE	DESCRIPTION
F053500016	FL2448	24/48V DC ANTI-PANIC SOLENOID BOLT LOCK + MONITORED
F053500041	KFL	SURFACE MOUNT HOUSING

* Refer to Limited Lifetime Warranty Conditions.



FIRELOCK EMERGENCY EXIT SYSTEMS

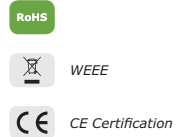
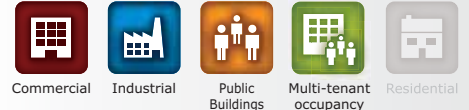
▶ ELECTROMAGNETIC LOCKS

V3ER48 300-kg mortice electromagnetic lock - 48V dc



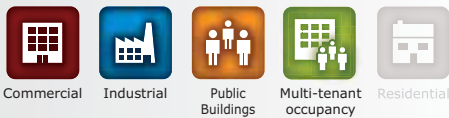
- **NF S 61-937.**
- **Mortice.**
- **High resistance to corrosion.**
- **No mechanical wear.**
- **Recommended for indoor use.**
- **Fail safe (releases access instantly in the event of a power failure).**
- **Holding force: 300kg.**
- **No residual magnetism.**
- **Integrated varistor (Electronic protections to eliminate back EMF).**

- Dimensions (L x W x D):
 - Electromagnetic lock = 227,5 x 38 x 27mm,
 - Armature = 185 x 38 x 11mm.
- Monitored.
- Electromagnetic lock accessories: Refer to page 288.
- Input voltage: 48V dc.
- Consumptions: 125mA.



CODE	REFERENCE	DESCRIPTION
F052500021	V3ER48	300-KG MORTICE ELECTROMAGNETIC LOCK 48V DC - NF S 61-937 + MONITORED

Surface mount electromagnetic locks - 48V dc **V3SR48 - V5SR48V**



Safety rope included with all surface mount electromagnetic locks of the range

- **NF S 61-937.**
- **High resistance to corrosion.**
- **Recommended for indoor use.**
- **Fail safe (releases access instantly in the event of a power failure).**
- **Holding force: 300 et 500 kg.**
- **No residual magnetism.**
- **Integrated varistor (Electronic protections to eliminate back EMF).**

- Electromagnetic lock dimensions (L x W x D):
 - V3S48 = 254 x 45 x 28mm,
 - V5SR48V = 273 x 67 x 41mm.
- Armature dimensions (L x W x D):
 - V3S48 = 185 x 38 x 11mm,
 - V5SR48V = 185 x 60 x 12mm.
- Electromagnetic lock accessories: Refer to page 288.
- Input voltage: 48V dc.
- Consumptions: 125mA.



PATENTED BREVETÉ

CODE	REFERENCE	DESCRIPTION
F052600008	V3SR48	300-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 48V DC - NF S 61-937 + RELAY/MONITORED
F052600006	V5SR48V	500-KG SURFACE MOUNT ELECTROMAGNETIC LOCK 48V DC - NF S 61-937 + RELAY/MONITORED

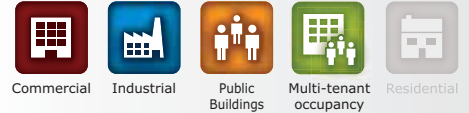
* Refer to Limited Lifetime Warranty Conditions.



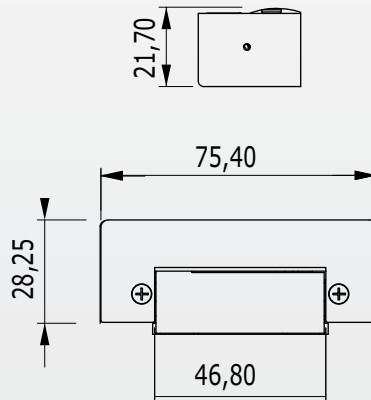
FIRELOCK FIREDOOR SYSTEMS

► STRIKES

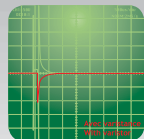
GPCF Electric release for fire rated door



- **Firerated:** EN 1634-1 (120 mn).
- **Steel.**
- **200mm pre-wired cable.**
- **Symmetrical.**
- **Reversible.**
- **Mortice.**
- **Compact.**
- **Fail-secure.**
- **Available in versions:**
 - 12 V AC/DC = GPCF12,
 - 12 V CC = GPCF12CC,
 - 24 V CC = GPCF24CC.
- **Options (stainless steel faceplates):**
 - "T11",
 - "T290".
- **Built-in varistor (Electronic protection to eliminate back EMF).**
 - Input voltage: 12/24V ac/dc.
 - Fail-secure consumption ac/dc:
 - 12V ac = 540mA,
 - 12V dc = 630mA.
 - Fail-secure consumption (dc) CC type** (direct current):
 - 12V dc = 380mA,
 - 24V dc = 190mA.



Recommended power supplies



ELECTRONIC PROTECTION TO ELIMINATE BACK EMF (VARISTOR SUPPLIED)

RoHS

DEEE

CE Certification CE

CODE	REFERENCE	DESCRIPTION
F054500001	GPCF12	FAIL-SECURE SYMMETRICAL FIREDOOR STRIKE 12 V AC/DC
F054500002	GPCF12CC	FAIL-SECURE SYMMETRICAL FIREDOOR STRIKE 12 V DC (CONTINUOUS DUTY)**
F054500003	GPCF24CC	FAIL-SECURE SYMMETRICAL FIREDOOR STRIKE 24 V DC (CONTINUOUS DUTY)**

* Refer to Limited Lifetime Warranty Conditions.
 ** CC Type: For unlocked door or continuous duty.



FIRELOCK FIREDOOR SYSTEMS

▶ ELECTROMAGNETIC LOCKS

VIR Firedoor electromagnetic locks

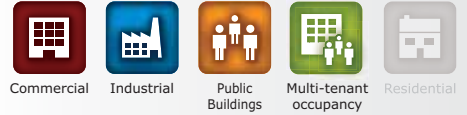


VIRP20245048
VIRP2048 - VIRP5024

VIR20245048
VIR2048 - VIR5024

VIRA2024 - VIRA5024

VIR5024C
VIR2048C - VIR5048C

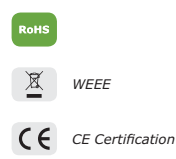


- **Fail-safe.**
- **Floor mounted or wall mounted.**
- **Supplied with a universal armature.**
- **Holding force from 20 to 50Kg.**
- Extreme reliability, no mechanical parts subject to wear.
- Integrated electronic protections.
- Easy installation.
- No residual magnetism.
- Silent operation.
- Power supplies: 24V or 48V, depending on the model.
- Consumption: 20mA to 80mA, depending on the model.



Recommended power supplies

ARD24 BS24



CODE	REFERENCE	DESCRIPTION
F052000001	VIR20245048	20KG/24V-50KG/48V FAIL-SAFE MAGNETIC LOCK - ADJ. AND/OR FIXED SUPPORT
F052000039	VIR5024C	50-KG FAIL-SAFE ELECTROMAGNETIC LOCK 24V - ADJ. AND/OR FIXED SUPPORT
F052000016	VIR2048	20-KG FAIL-SAFE ELECTROMAGNETIC LOCK 48V - ADJ. AND/OR FIXED SUPPORT
F052000019	VIR2048C	20-KG FAIL-SAFE MAGNETIC LOCK 48V - ADJ. AND/OR FIXED SUPPORT + MONITORED
F052000002	VIR5024	50-KG FAIL-SAFE ELECTROMAGNETIC LOCK 24V - ADJ. AND/OR FIXED SUPPORT
F052000020	VIR5048C	50-KG FAIL-SAFE MAGNETIC LOCK 48V - ADJ. AND/OR FIXED SUPPORT + MONITORED
F052000004	VIRA2024	20-KG FAIL-SAFE ELECTROMAGNETIC LOCK 24V - ADJ. AND/OR FIXED SUPPORT - HRV
F052000005	VIRA5024	50-KG FAIL-SAFE ELECTROMAGNETIC LOCK 24V - ADJ. AND/OR FIXED SUPPORT - HRV
F052000006	VIRP20245048	20KG/24V-50KG/48V FAIL-SAFE ELECTROMAGNETIC LOCK - ON STAND
F052000017	VIRP2048	20-KG FAIL-SAFE ELECTROMAGNETIC LOCK 48V - ON STAND
F052000007	VIRP5024	50-KG FAIL-SAFE ELECTROMAGNETIC LOCK 24V - ON STAND
F052000012	CPART	ADJUSTABLE ARMATURE FOR MAGNETIC DOOR HOLDER
F052000015	SUPVR	UNIVERSAL STAND

* Refer to Limited Lifetime Warranty Conditions.
** Fail-secure electromagnetic locks, consult us.



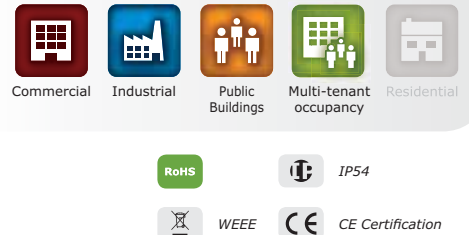
FIRELOCK ACCESSORIES

▶ A LARGE CHOICE OF ACCESSORIES COMPLYING WITH NF S 61-937

BBGP Emergency Door release units

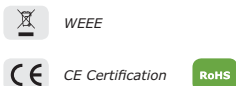
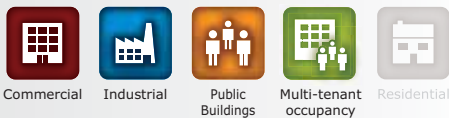


- **Emergency door release unit with flexible membrane.**
- **Resettable.**
- **Green.**
- **Surface mount.**
- **Protective cover.**
- **Single or double pole.**
- Dimensions (L x W x D): 85 x 85 x 48mm.



CODE	REFERENCE	DESCRIPTION
F0521000013	BBGP1V	EMERGENCY DOOR RELEASE UNIT WITH FLEXIBLE MEMBRANE - 1 CONTACT
F0521000017	BBGP2V	EMERGENCY DOOR RELEASE UNIT WITH FLEXIBLE MEMBRANE - 2 CONTACTS

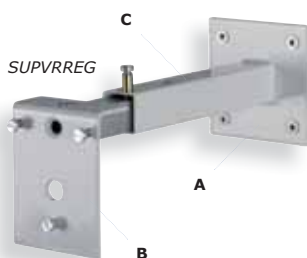
Brackets **L3L4NFS - L5NFS**



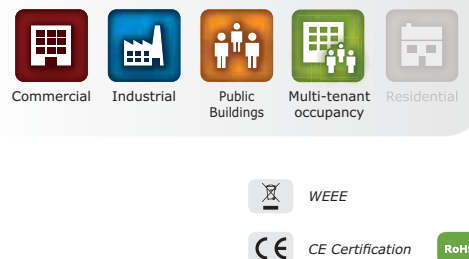
- **Supplied cable gland.**
- Dimensions (L x W x D):
 - L3L4NFS = 248 x 50 x 30mm,
 - L5NFS = 265 x 76 x 38mm.

CODE	REFERENCE	DESCRIPTION
F0516000020	L3L4NFS	300KG & 400KG ELECTROMAGNETIC LOCK L-BRACKET - NF S 61-937
F0516000021	L5NFS	500KG ELECTROMAGNETIC LOCK L-BRACKET - NF S 61-937

SUPVR Universal floor or wall stand



- **Electromagnetic lock optional fixing stand for wall or floor mount.**
- **Adjustable between 15 and 30cm (Ref.: SUPVRREG).**
- Dimensions (L x W x D):
 - A = 80 x 80mm,
 - B = 85 x 65mm,
 - C = 155mm (up to 300mm for the SUPVRREG adjustable version).



CODE	REFERENCE	DESCRIPTION
F0520000015	SUPVR	UNIVERSAL STAND
F0520000021	SUPVRREG	ADJUSTABLE STAND FROM 150 TO 300MM

* Refer to Limited Lifetime Warranty Conditions.



FIRELOCK ACCESSORIES

▶ A LARGE CHOICE OF ACCESSORIES COMPLYING WITH NF S 61-937

BRC

Relay control module for KIS kits



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

■ Supplied cable gland.

- Input voltage:
 - BRC = 24 V DC,
 - BRC48 = 48 V DC.
- Dimensions (L x W x D):
115 x 90 x 55 mm.

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0514000007	BRC	24V DC RELAY CONTROL UNIT - NF S 61-937
F0514000008	BRC48	48V DC RELAY CONTROL UNIT - NF S 61-937

Armature plate

CPART - CPREARM



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



CPART



CPREARM

■ Armature for firedoor electromagnetic locks.

■ Adjustable or fixed.

- CPART Dimensions (L x W x D):
60 x 60 x 66mm (Ø = 51,5mm).
- CPREARM Dimensions (L x W x D):
60 x 60 x 24mm (Ø = 51,5mm).

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0520000012	CPART	FLEXIBLE ARMATURE FOR MAGNETIC DOOR HOLDER
F0520000010	CPREARM	FIXED ARMATURE FOR MAGNETIC DOOR HOLDER

* Refer to Limited Lifetime Warranty Conditions.



ACCESSORIES





Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



1] EXIT PUSH BUTTONS

- DOMED EXIT PUSH BUTTONS P. 292
- STAINLESS STEEL EXIT PUSH BUTTONS P. 293
- PLASTIC EXIT PUSH BUTTONS P. 294
- WIDE EXIT PUSH BUTTONS P. 295
- INFRARED EXIT PUSH BUTTONS P. 295

2] PANELS AND HOUSINGS P. 294

3] DOOR LOOPS P. 296

4] SWITCHES P. 296

5] DOOR COORDINATORS..... P. 297

6] KEY SWITCHES

- STAINLESS STEEL P. 297
- METAL OR PLASTIC P. 298
- METAL 25MM P. 299

7] ENERGY SAVER P. 299

8] POSTS FOR PEDESTRIANS, CARS & LORRIES..... P. 300

9] DIGITAL CLOCKS..... P. 301

10] DIAX® TOOLS P. 301

* Refer to Limited Lifetime Warranty Conditions.

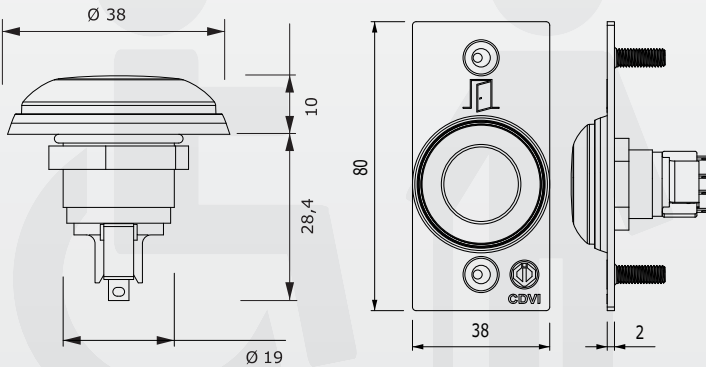


DIAX ACCESSORIES

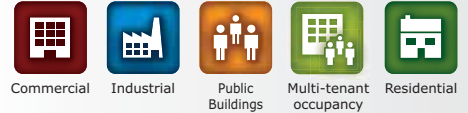
▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

BNONFCHOC Domed exit button

H.R.V.
HIGH RESISTANCE
TO VANDALISM



This range of exit push buttons is adapted to the new regulations on assistance for persons with reduced mobility.



- **Ergonomic design with ultra-sensitive contact switch.**
- **Easy to mount on existing support (19-mm diameter).**
- **Heavy duty push button.**
- **The high-quality Mini-Switch makes it possible to remove the locking nut without removing the switch.**
- **Surface mount optional:** with buzzer and LED feedback.
- **Pre-wired.**
- **Available in the following versions:**
 - Flush mount with stainless-steel faceplate,
 - Surface mount with stainless-steel housing.
- **Colour: green.**
- Material: Aluminium and stainless steel.
- Exit button with built-in sterling silver contacts listed UL, CSA, SEMKO.
- DPDT outputs.
- Input voltage: 12V ac/dc - 5A ac/dc.



CODE	REFERENCE	DESCRIPTION
F0701000116	BNONFCHOC CAB	PRE-WIRED GREEN DOMED PUSH BUTTON
F0701000118	BPNONFCHOC CAB	PRE-WIRED GREEN DOMED PUSH BUTTON + STAINLESS STEEL PLATE
F0701000115	BPNONFCHOC CABHV	PRE-WIRED GREEN DOMED PUSH BUTTON + STAINLESS-STEEL PLATE AND PILOT LIGHT
F0701000005	CBP	STAINLESS-STEEL SURFACE MOUNT HOUSING FOR PUSH BUTTON

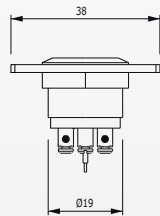
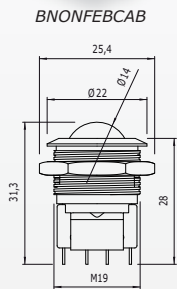
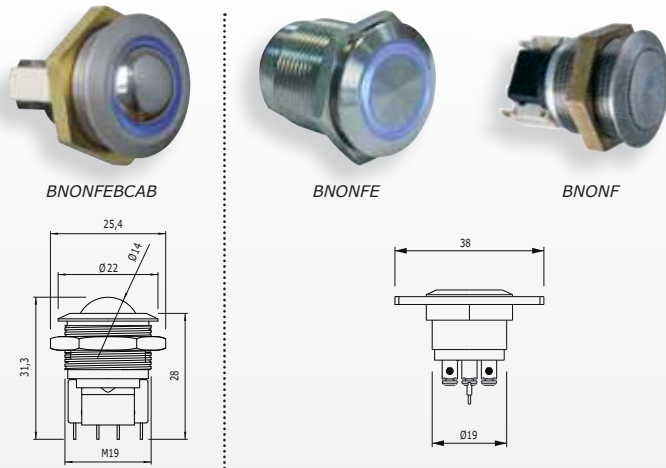
* Refer to Limited Lifetime Warranty Conditions.



ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

BNONF Stainless steel exit push buttons



Commercial



Industrial



Public Buildings

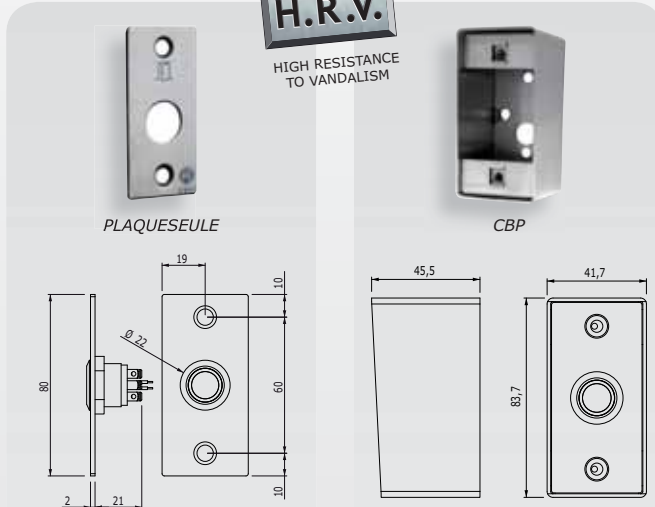


Multi-tenant occupancy

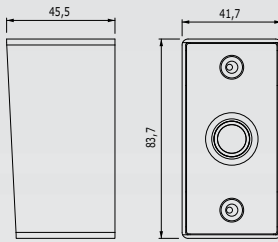
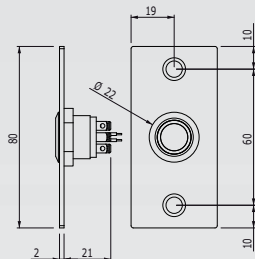


Residential

- Easy to mount on existing support (19-mm diameter).
- Heavy duty push button.
- The high-quality Mini-Switch makes it possible to fit the nut without having to remove the switch.
- Available in versions:
 - Stainless steel,
 - Flush mount or surface mount,
 - Pre-wired or not pre-wired,
 - Surface mount with stainless steel housing (CBP),
 - With or without stainless steel plate.



H.R.V.
HIGH RESISTANCE TO VANDALISM



OPTION

- Sterling silver plated contacts (certificated UL, CSA et SEMKO > BNONFBCAB, BNONF, BPNONF, BNONFCAB & BPNONFCAB).
- Optional: pre-wired push button.
- DPDT, N/O and N/C contacts.
- Input voltage:
 - BNONF, BPNONF, BNONFCAB & BPNONFCAB = 12V ac/dc - 5A ac/dc.
 - BNONFE & BPNONFE = 12V ac/dc - 0.3A ac/dc.
 - BNONFBCAB & BPNONFBCAB = 12/24V ac/dc - 5A ac/dc.



WEEE

Environmental test: Salt spray



IP68



-40°C to +85°C



CE Certification

CODE	REFERENCE	DESCRIPTION
F070100003	BNONF	NO/NC EXIT PUSH BUTTON
F0701000058	BNONFE	ILLUMINATED NO/NC EXIT PUSH BUTTON
F0701000051	BNONFCAB	PRE-WIRED NO/NC EXIT PUSH BUTTON
F0701000121	BNONFBCAB	PRE-WIRED ILLUMINATED NO/NC EXIT PUSH BUTTON
F0701000127	BPNONFBCAB	PRE-WIRED ILLUMINATED NO/NC EXIT PUSH BUTTON + STAINLESS STEEL PLATE
F0701000004	BPNONF	NO/NC EXIT PUSH BUTTON + STAINLESS STEEL PLATE
F0701000054	BPNONFCAB	PRE-WIRED NO/NC EXIT PUSH BUTTON + STAINLESS STEEL PLATE
F0701000059	BPNONFE	ILLUMINATED NO/NC EXIT PUSH BUTTON + STAINLESS STEEL PLATE
F0701000036	PLAQUESEULE	STAINLESS STEEL PLATE FOR EXIT PUSH BUTTON
F0701000091	PASEULE	ALUMINIUM PLATE FOR EXIT PUSH BUTTON
F0701000005	CBP	STAINLESS-STEEL SURFACE MOUNT HOUSING FOR PUSH BUTTON

* Refer to Limited Lifetime Warranty Conditions.



ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

BEC

Panels and housings



BECAN



BECANBP



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential

- **2 versions:**
 - Aluminium,
 - Gold-finish.

- Housing dimensions (L x W x D): 120 x 120 x 16mm.
- Flush dimensions (L x W x D): 90 x 90 x 45mm.

RoHS

WEEE

IP20

CE Certification

CODE	REFERENCE	DESCRIPTION
F0701000067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25
F0701000065	BECDN	FLUSH MOUNT GOLD-FINISH PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25
F0701000068	BECANBP	FLUSH MOUNT ALUMINIUM PANEL WITH PUSH BUTTON
F0701000064	BECDNBP	FLUSH MOUNT GOLD-FINISH PANEL WITH PUSH BUTTON
F0701000069	BECANBPORTE	FLUSH MOUNT ALUMINIUM PANEL WITH PUSH BUTTON AND ENGRAVED DOOR
F0701000066	BECDNBPPORTE	FLUSH MOUNT GOLD-FINISH PANEL WITH PUSH BUTTON AND ENGRAVED DOOR
F0203000083	CA3C	ALUMINIUM SURFACE MOUNT HOUSING FOR BECAN
F0203000082	CD3C	ALUMINIUM SURFACE MOUNT HOUSING FOR BECDN

BPNONFCLE - BPNOCLEDOOR - BPNONFCLEGM



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



BPNONFCLE



BPNONFCLEFGM



BPNONFCLEFDOOR

- **Exit push button.**
- **Surface or flush mount.**
- **Key pictogram.**

- Surface mount box dimensions (L x W x D):
 - BPNONFCLE = 60 x 60 x 15mm.
- Flush mount box dimensions (L x W x D):
 - BPNONFCLEFDOOR = 85 x 85 x 17mm (Housing 23mm),
 - BPNONFCLEFGM = 85 x 85 x 15mm. (Housing 15mm).

RoHS

WEEE

CE Certification

CODE	REFERENCE	DESCRIPTION
F0701000062	BPNONFCLE	PLASTIC NO/NC SURFACE MOUNT EXIT PUSH BUTTON WITH KEY PICTOGRAM
F0701000085	BPNOCLEFDOOR	PLASTIC NO FLUSH MOUNT EXIT PUSH BUTTON WITH KEY PICTOGRAM + DOOR
F0701000086	BPNONFCLEFGM	PLASTIC NO/NC FLUSH MOUNT EXIT PUSH BUTTON WITH KEY PICTOGRAM

* Refer to Limited Lifetime Warranty Conditions.



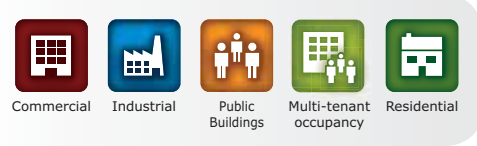
ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

RTE All-active exit push button



- Large all-active target area.
- Surface or flush mount.
- Stainless steel box housing with hood for RTETEXS & RTETDEXS references.
- Available in versions:
 - «Door release**»
 - «Push to open**» + «Disabled» pictogram.
- Dimensions (L x W x D) =
 - Flush mount = 85 x 85 x 2mm,
 - Surface mount = 89 x 89 x 53mm.



- H.R.V.**
HIGH RESISTANCE TO VANDALISM
- RoHS
- WEEE
- 25°C to +70°C
- CE Certification

CODE	REFERENCE	DESCRIPTION
F0410000144	RTETEXS	WIDE SURFACE MOUNT EXIT PUSH BUTTON - "DOOR RELEASE"
F0410000143	RTETEXF	WIDE FLUSH MOUNT EXIT PUSH BUTTON - "DOOR RELEASE"
F0410000142	RTETDEXS	WIDE SURFACE MOUNT EXIT PUSH BUTTON - "DISABLED LOGO & PUSH TO OPEN"
F0410000141	RTETDEXF	WIDE FLUSH MOUNT EXIT PUSH BUTTON - "DISABLED LOGO & PUSH TO OPEN"

Infrared exit button VHESS - VHESF



- Infrared exit button**.
- Stainless steel.
- No mechanical part.
- Surface mount box housing with hood (Ref: VHESS).
- Surface or flush mount.
- Dimensions (L x W x D):
 - VHESS = 86 x 86 x 3mm,
 - VHESF = 86 x 86 x 50mm;
- Input voltage: 8/15V dc.
- Consumption: 30mA.



H.R.V.
HIGH RESISTANCE TO VANDALISM

RoHS

WEEE

IP53

-20°C to +50°C

CE Certification

Recommended power supplies

ARD12 BS60

CODE	REFERENCE	DESCRIPTION
F0410000171	VHESS	INFRARED SURFACE MOUNT EXIT BUTTON - HANDS FREE
F0410000170	VHESF	INFRARED FLUSH MOUNT EXIT BUTTON - HANDS FREE

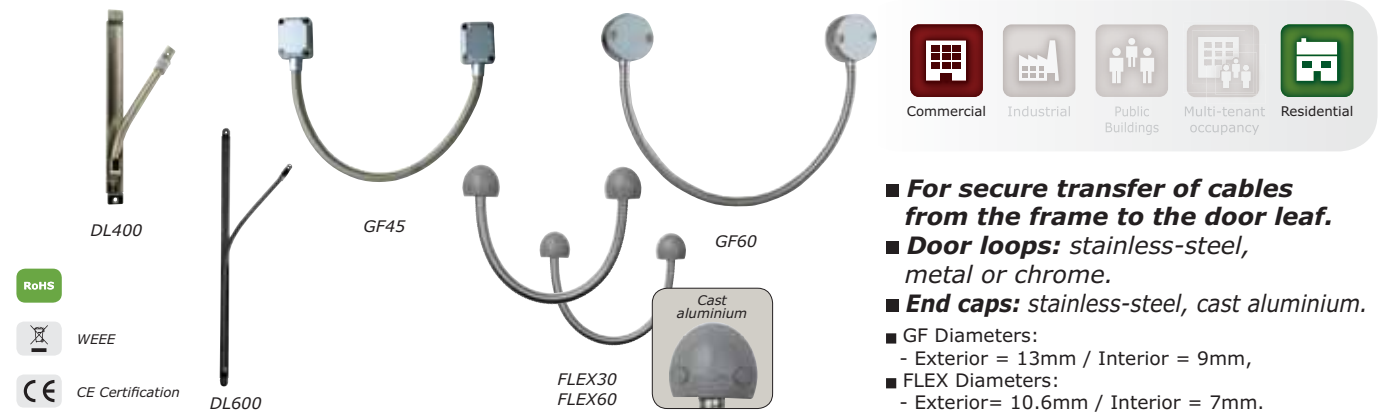
* Refer to Limited Lifetime Warranty Conditions.
** Other language, consult us.



DIAX ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

FLEX30 - FLEX60 - GF45 - GF60 - DL400 Door loops



DL400 **DL600** **GF45** **GF60** **FLEX30** **FLEX60**

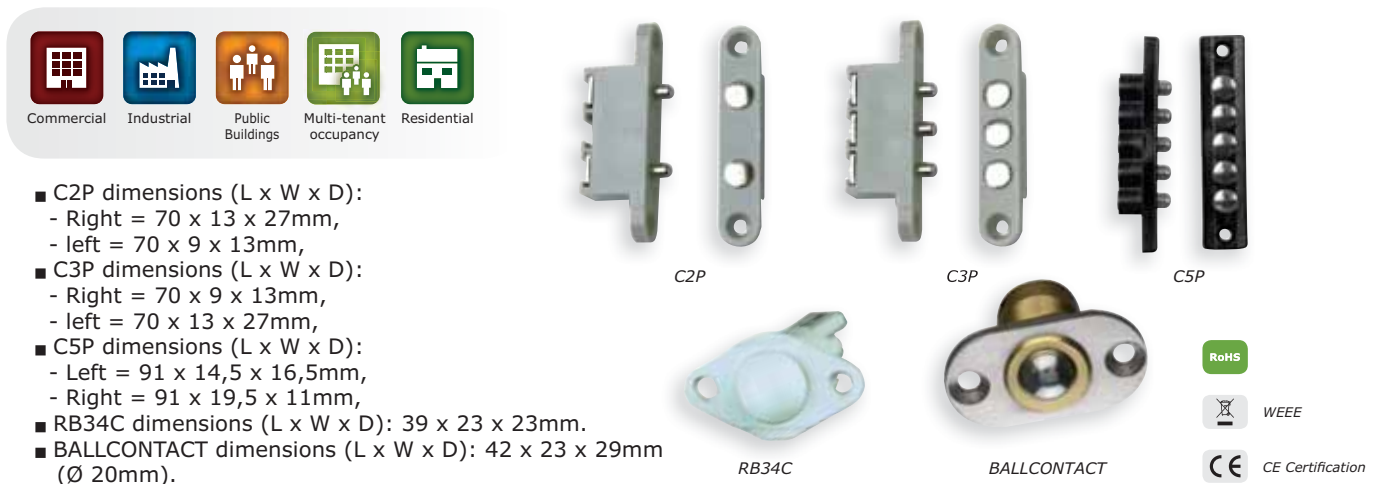
Commercial **Industrial** **Public Buildings** **Multi-tenant occupancy** **Residential**

- **For secure transfer of cables from the frame to the door leaf.**
- **Door loops:** stainless-steel, metal or chrome.
- **End caps:** stainless-steel, cast aluminium.
- **GF Diameters:**
 - Exterior = 13mm / Interior = 9mm,
- **FLEX Diameters:**
 - Exterior = 10.6mm / Interior = 7mm.

RoHS
WEEE
CE Certification

CODE	REFERENCE	DESCRIPTION
F0524000014	FLEX30	300-MM STAINLESS-STEEL DOOR LOOP - METAL END CAPS
F0524000015	FLEX60	600-MM STAINLESS-STEEL DOOR LOOP - METAL END CAPS
F0524000008	FLEXDORE	300-MM GOLD-FINISH STAINLESS-STEEL DOOR LOOP - METAL CAPS
F0524000004	GF45	450-MM METAL DOOR LOOP
F0524000007	GF60	600-MM CHROME-PLATED DOOR LOOP - METAL END CAPS WITH VANDAL RESISTANT SCREWS
F0524000005	DL400	210-MM CONCEALED DOOR LOOP FOR DOOR OPENING TO 90° - METAL
F0524000011	DL600	650-MM CONCEALED DOOR LOOP FOR DOOR OPENING TO 90° - METAL

**Contacts C2P - C3P - C5P - RB34C - BALLCONTACT



Commercial **Industrial** **Public Buildings** **Multi-tenant occupancy** **Residential**

- **C2P dimensions (L x W x D):**
 - Right = 70 x 13 x 27mm,
 - left = 70 x 9 x 13mm,
- **C3P dimensions (L x W x D):**
 - Right = 70 x 9 x 13mm,
 - left = 70 x 13 x 27mm,
- **C5P dimensions (L x W x D):**
 - Left = 91 x 14,5 x 16,5mm,
 - Right = 91 x 19,5 x 11mm,
- **RB34C dimensions (L x W x D):** 39 x 23 x 23mm.
- **BALLCONTACT dimensions (L x W x D):** 42 x 23 x 29mm (Ø 20mm).

RoHS
WEEE
CE Certification

CODE	REFERENCE	DESCRIPTION
F0512000002	C2P	2-PIN POWER TRANFER HINGE
F0512000003	C3P	3-PIN POWER TRANFER HINGE
F0512000015	C5P	5-PIN POWER TRANFER HINGE
F0512000009	RB34C	NO/NC PLASTIC BALL-BEARING SWITCH
F0512000014	BALLCONTACT	NO/NC METAL BALL-BEARING SWITCH

* Refer to Limited Lifetime Warranty Conditions.
** For magnetic contacts, consult us.



DIA X ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

SEL Door Coordinators



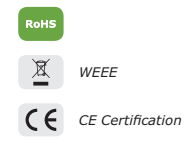
- A simple device to coordinate rebated double doors.
- Surface mount.
- 5 different finishes: Silver, stainless steel, nickel, white and black.
- Dimensions (L x W x D):
 - Door coordinator = 230 x 130 x 30mm.
 - Bracket = 40 x 43 x 30mm.

CODE	REFERENCE	DESCRIPTION
F052200001	SELARGENT	DOOR COORDINATORS - SILVER FINISH
F052200002	SELINOX	DOOR COORDINATORS - STAINLESS STEEL FINISH
F052200003	SELNICK	DOOR COORDINATORS - NICKEL FINISH
F0522000019	SELBLANC	DOOR COORDINATORS - WHITE FINISH
F0522000020	SELNOIR	DOOR COORDINATORS- BLACK FINISH

Switches and European semi-cylinder CAC - CYLPR



- **Key switch:** 2 mini-switches (left + right).
- Dimensions (L x W x D):
 - CACE = 95 x 60 x 38mm,
 - CACS = 82 x 40 x 45mm,
 - CACP = 110 x 42 x 38mm,
 - CYLPR = 33 x 17 x 40mm,
- Flush mount dimensions (L x W x D):
 - CACE = 75 x 39 x 38mm,
 - CACP = 74,4 x 39 x 37mm.



CODE	REFERENCE	DESCRIPTION
F0536000013	CACE	FLUSH MOUNT STAINLESS-STEEL KEY SWITCH 4 C NO/NC
F0536000014	CACS	SURFACE MOUNT STAINLESS-STEEL KEY SWITCH 4 C NO/NC
F0536000015	CACP	NARROW STAINLESS-STEEL KEY SWITCH 4 C NO/NC
F0536000009	CYLPR	EUROPEAN HALF-CYLINDER - ADJUSTABLE KEY BIT

* Refer to Limited Lifetime Warranty Conditions.





ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

AP - ENS Key switches

	AP1NONF	AP2NO	ENS1NONF	ENS2NO	ENAPNONF	ENAPD
Surface mount	Yes	Yes	-	-	Yes	Yes
Flush mount	-	-	Yes	Yes	Yes	Yes
1 contact	Yes	-	Yes	-	Yes	Yes
2 contacts	-	Yes	-	Yes	Yes	Yes
4 contacts	-	-	-	-	Yes	-
NO	Yes	Yes	Yes	Yes	Yes	Yes
NC	Yes	-	Yes	-	Yes	-
Option 2 NC contacts	-	-	-	-	Yes	-
Momentary	Yes	Yes	Yes	Yes	Yes	Yes
Maintained	-	-	-	-	Yes	Yes



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



ENS1NONF
ENS2NO



AP1NONF
AP2NO

- Option: European half-cylinder.
- Dimensions (L x W x D):
 - AP1NONF = 73,5 x 73,5 x 45mm,
 - AP2NO = 73,5 x 73,5 x 45mm,
 - ENS1NONF = 75 x 75 x 65mm,
 - ENS2NO = 75 x 75 x 65mm,
 - ENAPNONF = 71,6 x 71,6 x 47,5mm,
 - ENAPD = 71,6 x 71,6 x 47,5mm.

OPTION



CYLPR

RoHS



WEEE



CE Certification



ENAPNONF



ENAPD



CODE	REFERENCE	DESCRIPTION
F0534000023	AP1NONF	SURFACE MOUNT KEY SWITCH - NO/NC
F0536000010	AP2NO	SURFACE MOUNT KEY SWITCH - NO
F0536000026	ENS1NONF	FLUSH MOUNT KEY SWITCH - NO/NF
F0536000025	ENS2NO	FLUSH MOUNT KEY SWITCH - NO
F0536000024	ENAPNONF	UNIVERSAL MOUNT KEY SWITCH - 2 NO/2 NF
F0536000029	ENAPD	3 FIXED STATES KEY SWITCH - NO
F0536000009	CYLPR	EUROPEAN SEMI-CYLINDER - ADJUSTABLE KEY BIT

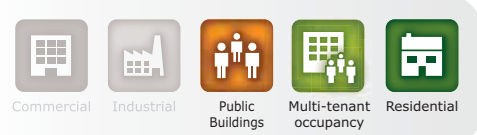
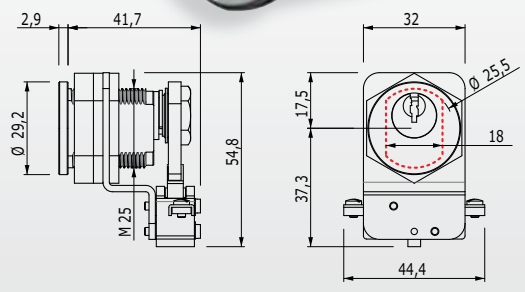
* Refer to Limited Lifetime Warranty Conditions.



D IAX ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

T25C Metal key switch - Ø 25mm



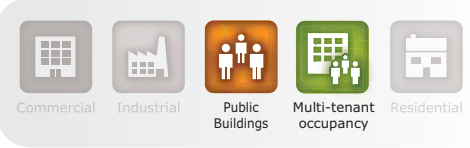
- **Diameter:** 25mm.
- **N/O contact.**
- **Box housing:** Polyamide UL94V2.
- **Sliver/nickel switch.**
- **Fit for TELACCESS panel and BECAN surface mount box housing.**
- **Metal terminal.**

■ Input voltage:
250V ac - 5A.

- RoHS
- WEEE
- IP20
- 40°C to +85°C
- CE Certification

CODE	REFERENCE	DESCRIPTION
F070100024	T25C	CHROME METAL KEY SWITCH - Ø 25MM
F070100067	BECAN	FLUSH MOUNT ALUMINIUM PANEL FOR T25 OR SMART-CARD ACCESS READER - Ø 25

Energy saver - Hotel Applications **GS10**



- **Power is activated once the card is inserted into the GS10 reader.**
 - **Recommended for hotel use.**
 - **Surface mount.**
- Interrupting capacity 5A with max. 250V.

- RoHS
- WEEE
- IP20
- CE Certification

CODE	REFERENCE	DESCRIPTION
F089900008	GS10	ENERGY SAVER

* Refer to Limited Lifetime Warranty Conditions.





ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

RPSS - SSP - GNP

Posts for pedestrians, cars and lorries

PEDESTRIANS

1 LEVEL



RPSS100D

(Please specify round or square post)

DISABLED USE

1 OR 2 LEVELS

Images for illustration purposes only



SSPPED

SSPDDA

VEHICLES

CARS & LORRIES 2 LEVELS



GNP1C

GNP2CL



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



- Customisable posts (consult us).
- Adaptable to integrate various products.
- RAL Option available.

RAL colours (on request)

Colours provided as a rough guide. Please consult a colour chart



SSP products have been adapted to the new regulations on assistance for persons with reduced mobility.



Customisable posts on demand
(Intercom and housings non included)

CODE	REFERENCE	DESCRIPTION
F040500006	RPSS	1000MM HIGH STAINLESS STEEL SQUARE POST (W=100MM)
F040500014	RPSS100D	1000MM HIGH STAINLESS STEEL ROUND POST (Ø100MM) - ANGLED TOP
F040500010	SSPDDA	STAINLESS STEEL POST FOR DISABLED PEOPLE IN WHEELCHAIR - 1000MM (W=85MM)
F040500008	SSPCAR	1200MM HIGH STAINLESS STEEL POST - STRAIGHT TOP (W=85MM)
F040500011	SSPPED	1600MM 2-LEVEL STAINLESS STEEL POST FOR PEDESTRIANS & DISABLED PEOPLE IN WHEELCHAIR
F040500003	GNP1C	STEEL POST FOR CARS
F040500004	GNP1L	STEEL POST FOR LORRIES
F040500005	GNP2CL	2-LEVEL STEEL POST FOR LORRIES & CARS
F051900017	RAL	RAL COLOUR OPTION

* Refer to Limited Lifetime Warranty Conditions.



ACCESSORIES

▶ A WIDE CHOICE OF ACCESSORIES TO OPTIMIZE YOUR SITE

TH827 - TH857 Digital timer



- **For power supplies, Digicode® keypads and telephone panels.**
- **Easy to program.**
- **Digital display - Robust.**
- **LCD screen.**
- **Weekly and daily programming.**



Commercial



Industrial



Public Buildings

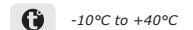


Multi-tenant occupancy



Residential

- CMOS quartz technology. Micro-processor.
- Plug-in TH827 on BS60 (See page 272).
- Program repeat.
- LCD display.
- Minimum switching interval (1 min).
- Memory back-up N1CD battery (to 200 hours).
- 3 operating modes: automatic, on/off.
- Day and hour indication.
- Reset button.
- Input voltage: TH827 & TH857 = 230V ac and TH82712V = 12V ac/dc.
- Consumption TH82712V:
 - 12V ac = 100mA,
 - 12V dc = 80mA.



CODE	REFERENCE	DESCRIPTION
F0304000002	TH827	DIGITAL TIMER
F0304000003	TH82712V	12V DIGITAL TIMER
F0304000001	TH857	DIN RAIL MOUNT DIGITAL TIMER

Tools



Commercial



Industrial



Public Buildings



Multi-entry occupancy



Residential

■ Screw dimensions (head Ø x L x W):

- VDIAX5X16 = 8,95 x 16 x 5mm,
- VDIAX5X20 = 8,95 x 20 x 5mm,
- VDIAX5X30 = 8,95 x 30 x 5mm,
- VDIAX5X35 = 8,95 x 35 x 5mm,
- VDIAX5X40 = 8,95 x 40 x 5mm,
- VDIAX5X60 = 8,95 x 60 x 5mm,
- VDIAXDORÉE = 8,95 x 30 x 5mm,
- VDIAX8X30 = 16 x 30 x 8 mm**.



TDIAX



VDIAX5X16

VDIAX5X30

VDIAX5X60

VDIAX8X30

ODIAX

CODE	REFERENCE	DESCRIPTION
VO4025X160001	VDIAX5X16	DIA X® STAINLESS STEEL SCREW 5 X 16 MM
VO4025X200002	VDIAX5X20	DIA X® STAINLESS STEEL SCREW 5 X 20 MM
VO4025X300004	VDIAX5X30	DIA X® STAINLESS STEEL SCREW 5 X 30 MM
VO4025X600007	VDIAX5X35	DIA X® STAINLESS STEEL SCREW 5 X 35 MM
VO4025X4250008	VDIAX5X425	DIA X® STAINLESS STEEL SCREW 5 X 42,5 MM
VO4025X600006	VDIAX5X60	DIA X® STAINLESS STEEL SCREW 5 X 60 MM
F0701000037	VDIAXDORÉE	DIA X® STAINLESS STEEL GOLD-FINISH SCREW 5 X 30 MM
V0101000008	VDIAX8X30	DIA X® STAINLESS STEEL SCREW 8 X 30 MM
F0701000033	ODIAX	DIA X® TOOL
F0701000034	TDIAX	DIA X® SCREWDRIVER

* Refer to Limited Lifetime Warranty Conditions.
** Armature screw.



INDEX



Commercial



Industrial



Public Buildings



Multi-tenant occupancy



Residential



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* Refer to Limited Lifetime Warranty Conditions.

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* Refer to Limited Lifetime Warranty Conditions.

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* Refer to Limited Lifetime Warranty Conditions.



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PRODUCTS ON SPECIAL REQUEST

PRODUCTS AVAILABLE ON SPECIAL REQUEST (FACTORY LEAD TIMES)

UGM - UGL controllers and PDN345BUSPROX panel are now sold with the new Wiegand bus interface (INTBUSW) and adapted Wiegand readers. Please consult us for any requests relating to products of the previous range (readers and bus interface).



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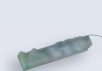
DX1000E



DX1000M



DX1000



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PLEASE CONTACT US FOR ANY SPECIAL ORDERS OR REQUESTS (SEE CONTACTS PAGE 323)

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