Export Product-list
SECURITY & SAFETY

Electronic security systems and equipment

products of excellence only

45 years of top solutions in the professional security sector

Past, present and future...
all in Tecnodimensione style

TECNODIMENSIONE
security with style

8PSGB-0124

PROFESSIONAL ELECTRICAL LOCKS

DOOR MANAGEMENT SYSTEMS

ACCESS CONTROL SYSTEMS

products of excellence only

45 years of top solutions in the professional security sector

Past, present and future...
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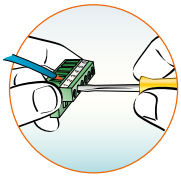

Introduction to Tecnodimensione devices and systems.

Security systems, single or interlocked door management systems and access control.

Tecnodimensione has been assisting professional installers for over 35 years with its exclusive “know-how”, its efficient organisation and the professionalism of its technicians.

For over 35 years, Tecnodimensione has been constantly anticipating technological innovation by “exclusively” using highly reliable products with consolidated performances.

Thanks to its proven experience, its know-how and dedication, it is has developed a standard program that includes a range of professional equipment manufactured according to state-of-the-art technologies and has been designed to provide more demanding customers with efficient safety installations.

For over 35 years, Tecnodimensione has been anticipating and interpreting the actual needs of customers, providing them with appropriate solutions and offering realistic installations that can be easily and quickly deployed.

Key solutions that are designed to last in time and on which installers can always rely... **All future generation products are compatible and perfectly interchangeable with those of previous generations...** in order to ensure that existing and new installations are able to challenge time with Tecnodimensione.

The global reliability of Tecnodimensione systems is confirmed by thousands of existing installations...

...This is why, it is able to meet the specific requirements of banks, post offices, jeweller’s shops, chemistries, restaurants, hotels, discos, commercial centres, condominiums and private homes, offices with access-protected areas, computer rooms..

...Allowing all tasks that require the management and control of accesses to be performed safely and trouble-free.

45 years of top solutions in the professional security sector

Tecnodimensione®
products of excellence only

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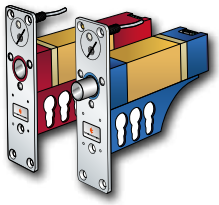
PROFESSIONAL ELECTRICAL LOCKS

ELECTRICAL DROP BOLTS for any type of door - selection guide ..... page 14

Standard version and 'TRONIX version with smart micromodule'
Bluelock series (fail-secure) = security - door locks if power is lost
Redlock series (fail-safe) = anti-panic - the door unlocks if power is lost

FOR RECESS MOUNTING ..... page 20



MAXILOCK
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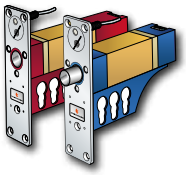

MEDILOCK
for heavy doors
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VERTILOCK
for narrow frames
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RAMLOCK
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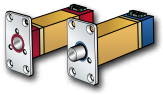

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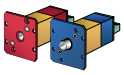

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for small structures
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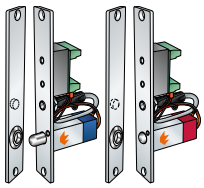

SLIM-MICROLOCK
for ultraslim door frames
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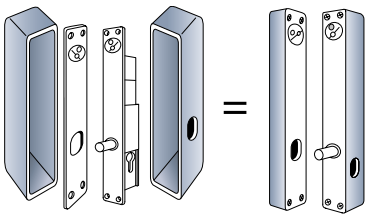
FOR SURFACE MOUNTING made of anodised aluminium machined from solid ..... page 23



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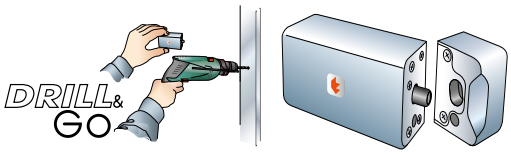

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Fail-safe = antipanico - anti-panic - the door unlocks if power is lost

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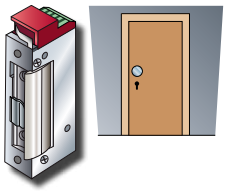
ELECTRICAL DOOR STRIKES FOR RECESS MOUNTING

NEWSLIM SERIES traditional and No Cut versions

4 versions suitable for any environment ..... page 31



NEWSLIM CLASSIC
for normal environments
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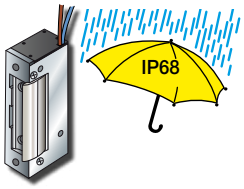

NEWSLIM WATERPROOF
waterproof version for outdoor applications
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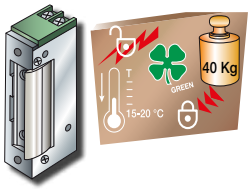

NEWSLIM GREENTRONIX
'smart' version with multifunctional microchip
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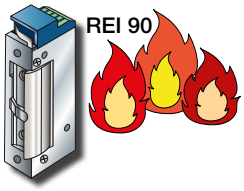

NEWSLIM FIRE
fire resistant version REI 90
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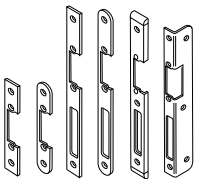

NEWSLIM FRONT PLATES
for bodies of NEWSLIM series electrical door strikes
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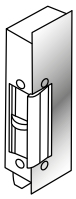
The tradition continues... with the same high quality as always! ..... page 41



PRO SERIES
electrical door strikes ideal for medium-heavy doors
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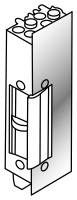

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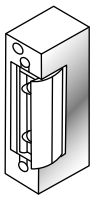

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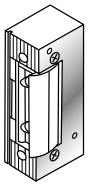

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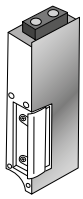

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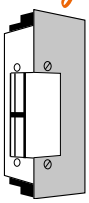

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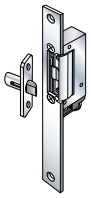

SLIM-DOORSTRIKE
ideal for ultraslim door frames
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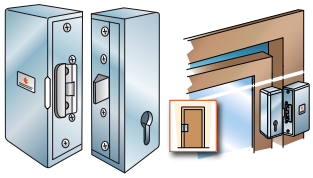
ELECTRICAL DOOR STRIKES FOR INSTALLATION SURFACE MOUNT

BILNDO-DOORSTRIKE in "CLEAN COVER" case for easy surface mount with key override manual release

4 versions suitable for any environment ..... page 51



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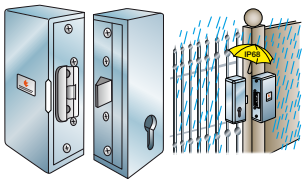

NEWSLIM WATERPROOF
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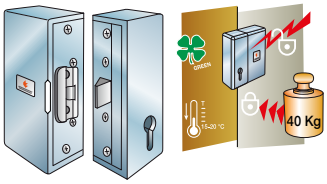

NEWSLIM GREENTRONIX
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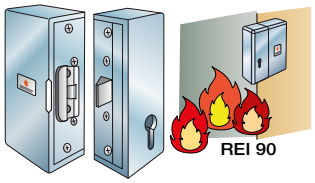

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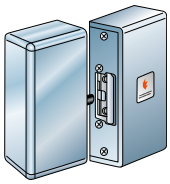
BILNDO-DOORSTRIKE in "CLEAN COVER" case for easy surface mount without key override manual release ..... page 57



BLINDO-DOORSTRIKE
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DRILL& GO

MINIELECTROMAGNETSin “CLEAN COVER” case
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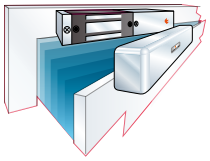
front-locking



SLIM MINISENTRYLOCK
Front mounted mini-electromagnets with magnetic adhesion
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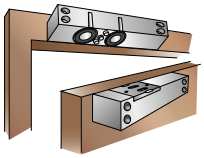

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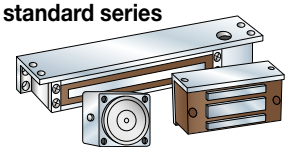

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Electromagnets of various strengths and sizes
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DOOR MANAGEMENT SYSTEMS

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stop/go display for regulation of transit in controlled access
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SLIM-DUAPUSH
push-button panels for multiple independent controls
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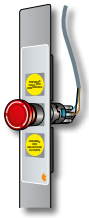

SLIM-HELPYPUSH
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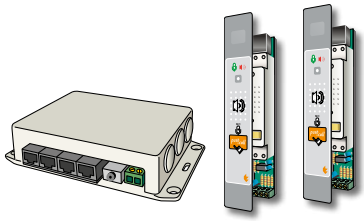
TALK-LISTEN INTERCOMMUNICATION SYSTEM



VOXTRONIX e SLIM-DUALVOX
Talk-listen system with alternated listen and answer mode using the “push&call” mode.
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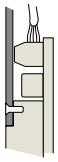
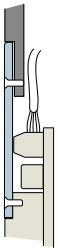
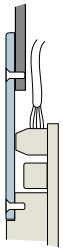
these 5 devices are in a single, unified, convertible format that can be used for 5 different types of.....page 64



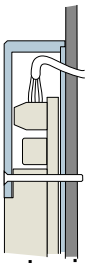
1 **fully aligned concealed**



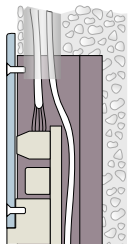
2 **fully aligned at milling**



3 **for conventional flush mounting**



4 **per montaggio in appoggio a superficie**



5 **for recessed wall-mounting**

DRILL& GO

No cutting the frame, no work on internal frame grain!

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FLAT-DUALUX ❼
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STAND-ALONE control unit for a single door fitted with an electric lock
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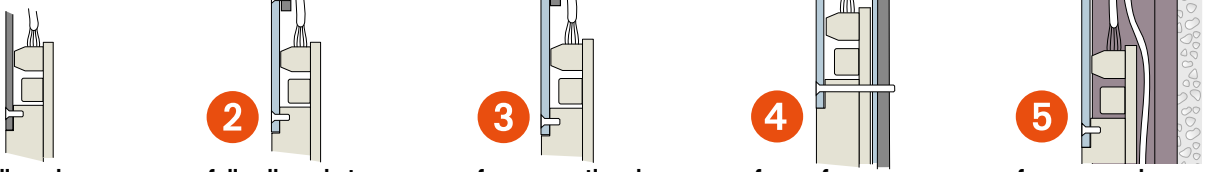
these 3 devices are in a single, unified, convertible format that can be used for 5 different types of ..... page 86



1 **fully aligned concealed**

2 **fully aligned at milling**

3 **for conventional flush mounting**

4 **for surface mounting**

5 **for recessed wall-mounting**

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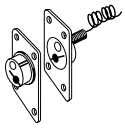

PROXIMITY SENSORS TO MONITOR DOOR STATUS

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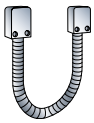

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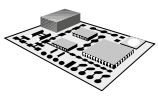

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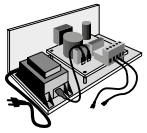
MICROTIMER e TRONIX - for door management & electro-opening timers .....page 102

PHARMABLOCK - “daily card” ideal for clean rooms sterili .....page 102



GRUPPI ALIMENTATORI

MICROTIMER, TRONIX - logic cards for door management & electro-opening timers .....page 103

MICRO-POWERBLOCK - stabilised power units .....page 103

This is a partial description in English of our warranty terms.
In any case and for any reasons the complete and valid sales&warranty terms are those written at the following page in Italian language that exclusively regulate all our sales and supplies.

WARRANTY

The products Tecnodimensione,of our company Dalmiglio snc, such as electrical locks, locks and/or related components and devices carry a two-year guarantee from the date of installation and in any case shall be for not more than 30 months from the date of shipment (date of our packing list and/or our invoice).

As regards components not manufactured by ourselves, our liability is limited to the guarantee given to us by our supplier. It is up to the purchaser to prove defects and shortcomings of any kind.

This warranty applies only when the locks and devices are powered with one of Tecnodimensione's power control units or with proper approved equipment, when installed by specialised operators, in accordance with the instructions, using proper mounting kits, with wiring systems that meets the regulations in force, and kept free from surface rust and dirt and positioned and serviced in respect with the limits fixed by specific data sheets and/or instruction manuals.

In any case the products must be only utilised for the purposes only for which are intended as described in the application notes. Any application not expressly indicated or authorised is considered misuse. The warranty does not apply to products which have been damaged, mistreated, modified, misused, or subjected to neglect or abnormal use and/or storage, and damaged by natural wear, unprofessional or negligent treatment, chemical, electro-mechanical or electrical influences.

In no case and for no reason do we assume any responsibility for incidental or consequential damage arising from defective products, failure or lack of operation of systems and/or components whether during the warranty period or when the warranty has expired. To all effects it is to be excluded that any components, devices and/or systems are considered a substitution of an insurance policy. Our sole liability shall be to repair or replace, according to our discretion, defective parts which shall be sent to us at the expense of the purchaser who will also bear the cost entailed for the return of the goods.

The following parts are not included in the warranty: lamps, fuses, coils, glass, gaskets, batteries, and all parts subject to the normal wear and consumption. All costs and responsibilities related to transportation, procedures and also for specific documentation, labelling, tests, approvals and/ or homologations, if required, from the moment of exportation/importation and thereafter, are exclusively the care of the importer.

In no case whatsoever can reduction of prices or cancellation of order, be requested by the customer. It is implicitly understood that the importer has the full capability to arrange the correct installation, start-up, servicing and all the necessary and proper ancillary procedures for the correct use and function of the products, devices and complete systems; for this reason also, Tecnodimensione will not carry out any technical intervention abroad, even with payment.

All information, suggestions, instructions and assistance, is provided by our technical department in Gorgonzola (Milano), Italy, within the framework and following the procedures available to us and when contacted by specialised installers.

Place of Performance and Jurisdiction

The place of performance and jurisdiction as regards direct or indirect disputes, also applying to legal suits in relation to bills of exchange and cheques, is Bergamo, Italy. We are also entitled to institute proceedings at the purchaser's location. Only Italian law shall be apply, foreign law shall be excluded.

BASIC TERMS

Packing: for normal shipment included

Delivery: ex our works (Gorgonzola - Milano - Italy)

Delivery time: normally 1 week or 20 working days (according with our standard models and required quantities).
Special requirement has to be programmed accordingly.

Payment: 1) in advance with the order (3% discount)
2) net by irrevocable and confirmed letter of credit, fully negotiable by our Italian Bank

Shipment: by "fast post" or truck (in Europe)
by other ways to be defined
(for international deliveries)

For all others sales and warranty terms, are exclusively applicable our general sales and warranty conditions that are fully and tacitally accepted by you at the moment of your order.

The illustrations and technical specifications are furnished for your information.
The manufacturer reserves the right to modify the devices and systems, at any time and without previous notification, as he sees fit in order to improve their performance or for any other valid business need.
The name and trademark TECNODIMENSIONE®, and the names Dualblok®, Bluelock®, Redlock® and Regoplus® are registered trademarks and of exclusive property of DALMIGLIO S.r.l. (Tecnodimensione® Department)

CE

CONDIZIONI GENERALI DI VENDITA

Ogni committente, nel passare ordinazioni, accetta implicitamente tutte le condizioni sotto esposte.

RISERVATO DOMINIO

1) Le merci sono vendute con patto di riservato dominio sino al totale pagamento del prezzo pattuito.

2) L'inadempienza nel pagamento provoca decadenza delle eventuali condizioni di pagamento rateali rendendo esigibile immediatamente l'intero importo residuo dovuto, con diritto per il venditore di esigere l'immediata restituzione del bene.

3) Le somme incassate costituiscono indennizzo ed a tale titolo vengono trattenute dal venditore senza pregiudizio del totale risarcimento dei danni e spese.

PREZZI

4) I prezzi si intendono per merce resa franco nostro magazzino di Gorgonzola (MI).

5) Qualsiasi aggravio derivante da fluttuazione dei cambi, variazione del regime doganale, tributario, contributi, salari, materie prime, riforme monetarie o comunque da altri fattori imprevedibili, sarà addebitato all'acquirente mediante variazione proporzionale del prezzo della merce da consegnare. Faranno in ogni caso fede i prezzi in vigore alla data della consegna.

TRASPORTI

6) Salvo speciali accordi scritti in contrario, le spese di trasporto a destino e qualunque altra spesa o tassa che dovesse gravare sulle merci sono a carico dell'acquirente.

7) La merce, con qualunque mezzo inviata, anche se franco di porto, viaggia sempre a rischio e pericolo dell'acquirente.

CONSEGNE

8) I termini di consegna della merce non sono impegnativi e sono subordinati alle possibilità della produzione e di inoltro da parte della venditrice.

9) La data di consegna indicata in conferma d'ordine può essere comunque ulteriormente prorogata per casi di forza maggiore.

10) È in ogni caso esclusa una qualsiasi responsabilità per danni a carico della ditta venditrice in conseguenza di ritardata o parziale consegna della merce.

PAGAMENTI

11) Tutti i pagamenti devono essere effettuati presso la nostra Sede di Treviglio (BG). Assegni saranno accettati salvo buon fine. Effetti cambiari o ricevute bancarie non costituiranno novazione. Gli agenti non sono autorizzati agli incassi, salvo esplicita e regolare delega scritta.

12) Non sono accettati arrotondamenti rispetto all'esposto in fattura.

13) Sui pagamenti, ritardati, salvo ogni ulteriore diritto della venditrice, verranno conteggiati gli interessi di mora al tasso bancario vigente.

14) In caso di ritardato pagamento, il fornitore si riterrà esonerato dal prestare la garanzia sui prodotti forniti, riservandosi altresì il diritto di sospendere le forniture relative a tutti gli ordini in corso con il cliente moroso.

15) In nessun caso il cliente è legittimato a ritardare o sospendere i pagamenti anche in caso di contestazione di una o più forniture.

RECLAMI E CONTESTAZIONI

16) Non sono ammessi reclami di alcun genere se non sono fatti per iscritto entro 8 giorni dalla consegna.

17) I resi non saranno comunque accettati se non espressamente autorizzati per iscritto dalla venditrice ed in porto franco. In ogni caso, ogni reso è soggetto ad un addebito del 20% del prezzo di acquisto per concorso spese di controllo e ricarico.

RISOLUZIONE DEL CONTRATTO

19) Qualora nei confronti del cliente vengano elevati protesti di assegni e/o cambiali, vengano promosse procedure esecutive o concursuali di concordato preventivo o di fallimento, il fornitore si riserva la facoltà di risolvere unilateralmente il contratto, dandone comunicazione scritta al cliente.

CONDIZIONI DI GARANZIA

1) La Ditta Dalmiglio S.r.l. garantisce per le sue forniture la mancanza di difetti di materiale e di costruzione secondo i normali dettami della tecnica.

2) L'operatività della garanzia è condizionata alla sottoscrizione espressa, da parte del cliente, della conferma d'ordine nonché delle clausole ivi contenute e richiamate.

3) La garanzia ha la validità di due (2) anni a partire dalla data di installazione delle apparecchiature da parte del cliente. In ogni caso, la garanzia non è più operante e decade comunque trascorsi trenta (30) mesi dalla data di consegna della merce. I termini sopra indicati si intendono espressamente quali termini di decadenza.

4) La garanzia si limita alla sostituzione o riparazione franco nostro magazzino di Gorgonzola (MI) di quelle parti per le quali la Ditta venditrice riconosce un difetto di materiale o di costruzione.

5) Sono escluse dalla garanzia le seguenti parti: lampadine, fusibili, relè, bobine di elettroserrature, cavi elettrici, interruttori, manopole, vetri, guarnizioni in gomma, batterie elettriche, suonerie, campane e in ogni caso, tutte le parti soggette a normale esaurimento ed usura.

6) L'installazione e messa in opera del materiale venduto dovrà essere effettuata da Ditta specializzata con la scrupolosa osservanza della normativa tecnica applicabile e vigente in materia e, in ogni caso, nei limiti d'impiego prescritti e seguendo le istruzioni tecniche della venditrice.

7) La garanzia decade:
a) se la merce è stata in qualunque modo modificata dal cliente o da terzi non espressamente autorizzati dalla Ditta venditrice;
b) se sono state montate parti il cui uso non è espressamente ammesso dalla Ditta venditrice;
c) se il cliente non osserva le prescrizioni della Ditta venditrice circa l'uso, i limiti d'impiego e la manutenzione della merce.

8) È espressamente escluso il diritto dell'acquirente al risarcimento di danni provocati direttamente od indirettamente dall'impianto o da singoli componenti anche al di fuori della garanzia in qualunque momento e per qualsiasi motivo. Viene ad ogni effetto escluso che l'apparecchiatura o l'impianto possa essere ritenuto sostitutivo di polizza assicurativa.

9) È escluso il diritto del cliente allo storno del contratto di compravendita o ad una diminuzione del prezzo, a meno che la Ditta venditrice si trovi nella impossibilità di eliminare il difetto o di sostituire, con materiale funzionalmente equipollente, anche se di tipo diverso, il materiale riscontrato difettoso.

10) Eventuali interventi tecnici e di controllo richiesti, per casi particolari, alla Dalmiglio S.r.l. saranno fatturati al cliente secondo le tariffe nel settore specifico.

11) Eventuali chiamate non giustificate da una effettiva irregolarità dell'apparecchiatura o dell'impianto saranno a totale carico del cliente.

12) Gli interventi tecnici o di controllo della Dalmiglio S.r.l. per l'estero non potranno essere comunque richiesti salve specifiche e peculiari pattuizioni.

"FORO COMPETENTE"

Per qualsiasi controversia nascente dall'esecuzione o comunque connessa col presente contratto è esclusivamente competente il foro di Bergamo.

TYPES, TIPS AND HINTS

THE CORRECT WAY TO HANDLE ELECTRICALLY OPERATED LOCKS

1) ***MOUNTING***: the models are basically prepared to be mounted with the bolt running on horizontal axis. For vertical mounting (downwards or upwards striking), the specific model has to be required.

2) ***OPERATING POWER "DIRECT CURRENT"***: use strictly the voltage value rated on product tag: 12Vdc or 24Vdc (according with the model) with tollerance ± 10% (D.C. rectified voltage particularly for TRONIX version is required). Power consumption level must be considered according with the models (see pertinent data sheet). For electrical drop bolts, in any case, never use alternative voltage.
   Note: Before to connect the electrical lock (door strike) or electromagnet, to any type of electronic equipment (e.g. access control system etc.) it is necessary to provide a protection with a diode (for exp 1N4005) in parallel with the coil and respect the polarity + - ; or varistor (for exp CNR07D180L or similar) can be used.

3) ***APPLICATION:*** the electrical drop bolt has to be fixed and/or fitted into pertinent frame hole, after only that the proper place is prepared in advance and any work on the door is ultimately concluded. Never proceed with working (drilling, milling, welding, etc.) with electrical lock near your work. Must be considered that the electrical drop bolt should be "magnetised" and consequently the metallic filings and grinding dust could be attracted into the mechanism producing damages and functional failures.

4) ***ADJUSTMENT***: tolerances and door alignments must be respected to provide the bolt of electrical lock running freely without any friction and/or obstruction; the bolt has to be virtually in condition to move itself "in air", as the "axial" movement energy (to close and open the door) is really suited to the task, but it is not capable to overcome tangential pressure and/or push on the door.
   It is a matter of fact that common sense and all days practice teaches us how do never push on the door in the instant of the electrical release action because on the contrary the electrical lock should stop in blocking condition. In addition, during the installation be sure that the bolt when entirely projected (door locking position) is inserted into the corresponding hole of locking counter plate at least 4/5 of its length; to be capable to offer the proper locking resistance and meanwhile to avoid overloads that should be impressively amplified by "lever effect" if the charge pushing of the door is concentrated on the bolt-tip. This setting is "imperative" to avoid malfunctions and irreparable damages of the electrical drop bolt.
   In other words, the distance between the fixing flange of the lock and the corresponding strike plate has to be no more than 5mm (3mm is preferable). If for some technical reasons, it is not possible to reduce the tollerance between the door and door-post (frame), you can arrange compensation using two or more locking counter-plates superposed (one over the other) to provide the bolt to "plunge" into the locking hole.

5) ***CLEANING***: the cleaning of the electrical lock (bolt and annexed assembly) must be made periodically according with ambient situations.

6) ***FREE OF OILING***: the bolt of electrical lock operates on self lubricating precision bearing. Never use greasing, oiling and so on into the bolt mechanism of the electrical lock could form grease lumps itself capable to block the movement of the bolt and/or impair the correct function. If it is necessary to clean, a proper detergent solvent could be used (specific silicon spray ALLSILICON Allegretti or similar).

7) ***OUTDOOR INSTALLATION***: in outdoor installation the problem of humidity is secondary in comparison with the dregs produced by water and dirt.
   Really the factor is the calcareous accumulate around the bolt of electrical lock that can iniury the correct movement.
   All possible precautions have to be taken consequently before to consider the application.

   For any reasons it is not authorized, unfasten the assembly screws of the locks (electrical bolts, door strikes etc.), because all the factory setting should be compromised and operating malfunctions occur.
   Take case the above informations too and proceed accordingly to avoid any warranty expiration.

ELECTRONIC SECURITY SYSTEMS AND EQUIPMENT
for single and/or interlocking door management systems

All TECNODIMENSIONE devices are also available
in “FLEXICON” technology to interface
with any control unit such as PLC, microprocessor boards
or conventional electronic boards even for pre-existent systems

TECNODIMENSIONE
security with style

Tecnodimensione Devices and Systems for:

- single doors
- automatic doors
- interlocked doors
- and access control

PROFESSIONAL ELECTRICAL LOCKS

DOOR MANAGEMENT SYSTEMS

ACCESS CONTROL SYSTEMS

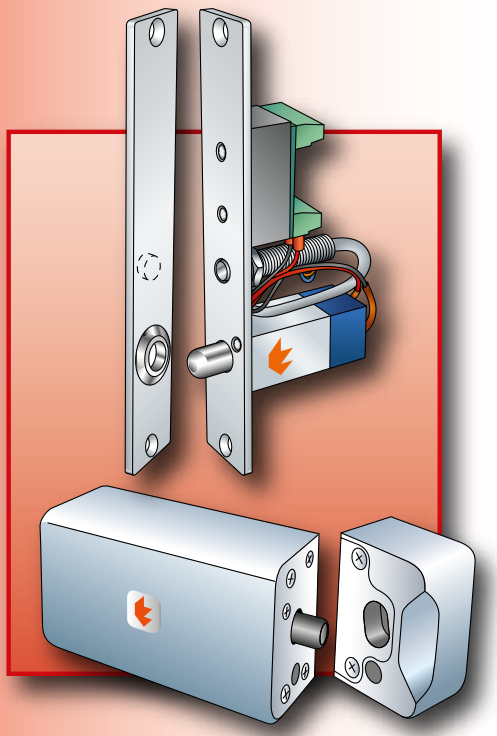
products of excellence only

TECNODIMENSIONE

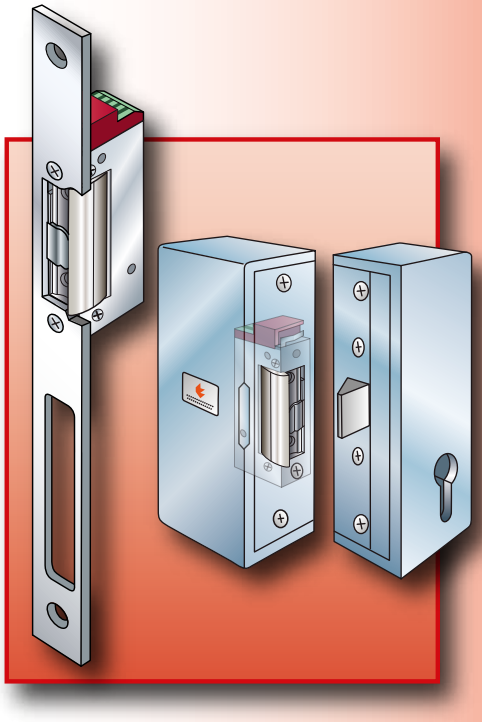
security with style

PROFESSIONAL ELECTRICAL LOCKS

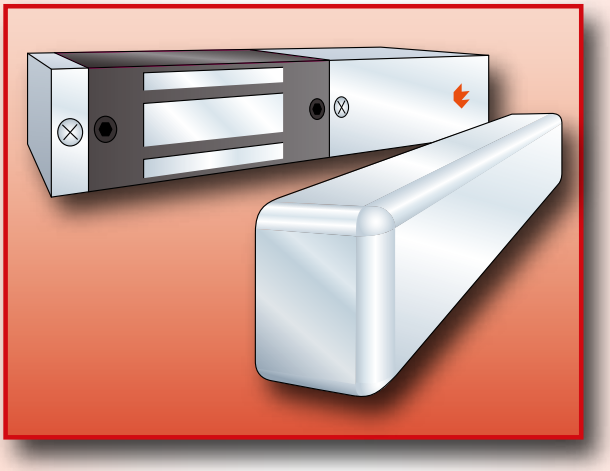
ELECTRICAL DROP BOLDS



ELECTRICAL DOOR STRIKES



ELECTROMAGNETS



TECNODINAMICA®

PROFESSIONAL
ELECTRICAL LOCKS

Introduction to the choice of Professional electrical drop bolts

The entire range of Tecnodimensione professional electrical drop bolts has been designed and built to provide the widest possible range of resistance and to fit the space available on the frame.

The various models are available for:

- high resistance doors
- medium resistance doors
- doors with low-profile frames
- sliding doors
- automatic/motorised doors

Type of mounting:

- recessed
- surface mounted

Functional purposes:

- **Fail-Secure** = 'security' version, i.e. the door will lock if power is lost.
  To be used when the door is used for intrusion protection.
- **Fail-Safe** = 'anti-panic' version, i.e. opens in the event of a voltage drop.
  To be used where the door is also used as an escape route.

Power supply:

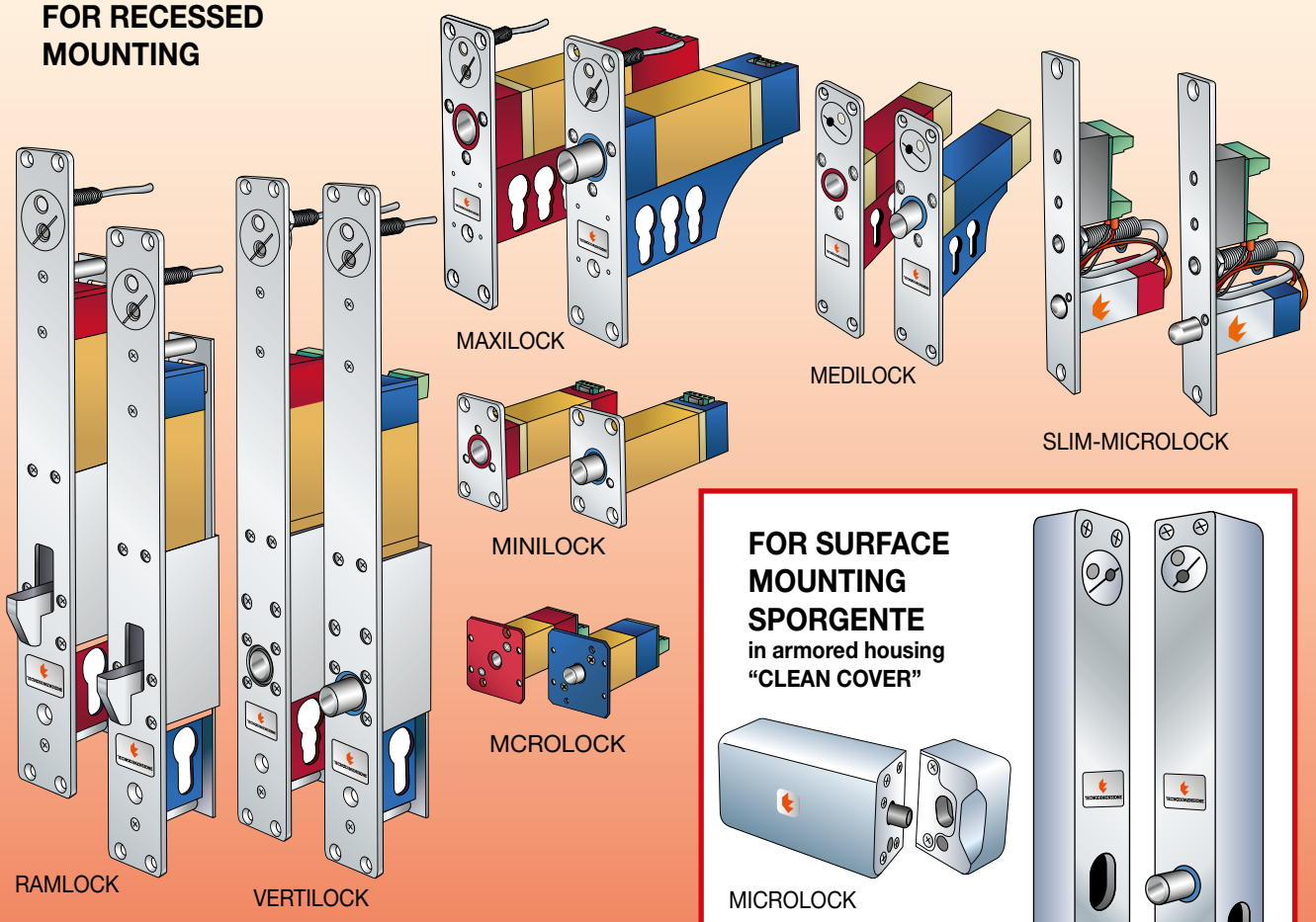
- low voltage 12Vdc/24Vdc

PROFESSIONAL
ELECTRICAL LOCKS

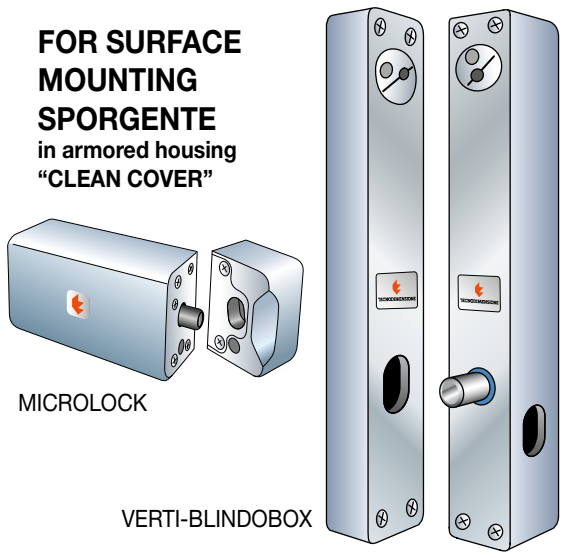
PROFESSIONAL MULTIPURPOSE DROP BOLTS

for any type of door

FOR RECESSED MOUNTING



FOR SURFACE MOUNTING SPORGENTE
in armored housing "CLEAN COVER"



TECNODIMENSIONE®

EXAMPLE OF MAXILOCK AXIAL PIN ELECTRICAL DROP BOLT

The example shown is generic to all models in the range

UNIVERSAL OPERATING VOLTAGE
either 12 or 24Vdc field programmable

BOBINA 100% ED
100% ED for continuous duty, high grading "H class" copper coil for high temperature 220° Celsius

EXTRA CURRENT PROTECTIONS
suppressor coil noise on-board (varistor limited at 27Vdc)

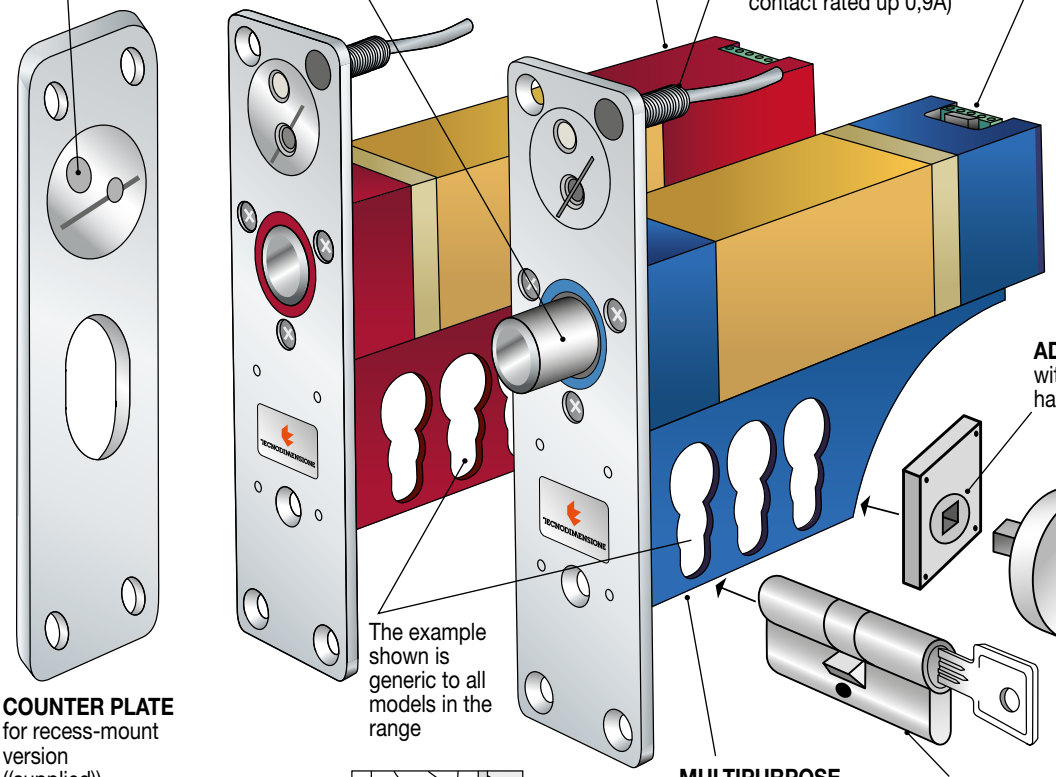
BUILT IN MICROSWTCH
bolt status sensor with SPDT dry contacts rated 1A

REGOPLUS ®
magnet to active the coincident reed contact (fitted up with REGOPLUS ® special holder)

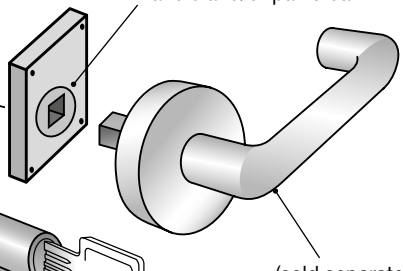
ROUND LOCKING PIN
AISI 316 stainless steel hevy duty solid bolt, operates on self lubricating precision bearing

REGOPLUS ®
adijustable reed contact to monitor the open/ closed status of the door (changeover SPDT dry contact rated up 0,9A)

SCREW TERMINALS
for fast wiring connections



ADITIONAL ADPTER
with square follower for handle and/or panic bar



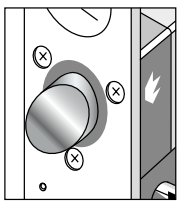
(sold separately)

COUNTER PLATE
for recess-mount version ((supplied))

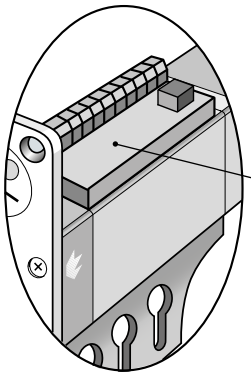
The example shown is generic to all models in the range

MULTIPURPOSE BACKSET
at 30-50-70 mm key-holes

DOUBLE CYLINDER PZ
European profile for manual release key (sold separately)

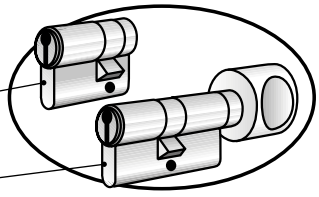


SLANTING HEAD BOLT
(by request)



TRONIX
built-in micro-module for 'smart' version with door timing, bolt exit control, permanent lock/unlock, interlink, remote indications, etc. (see page 18)

(or purchased separately)
HALF CYLINDER
or
CYLINDER WITH KNOB

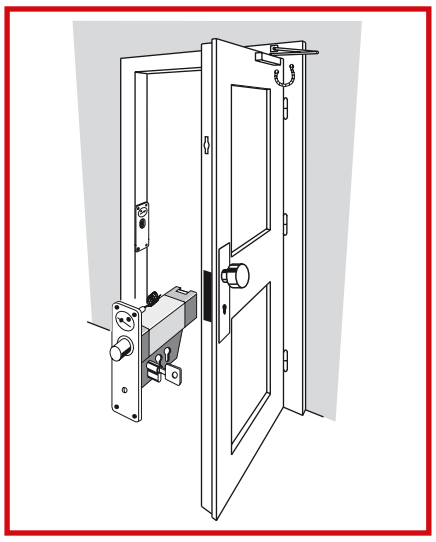


Serie Bluelock®, it is the electrical drop bolt recognizable immediately by brillant anodized blue color of aluminium parts.
"Fail-secure" version, normally closed model (fail-closed).
The head of the bolt is "PROJECTED" (door open) in case of power lack on the coil is absent.
È la versione utilizzata quando la porta è usata anche come chiusura antintrusione.

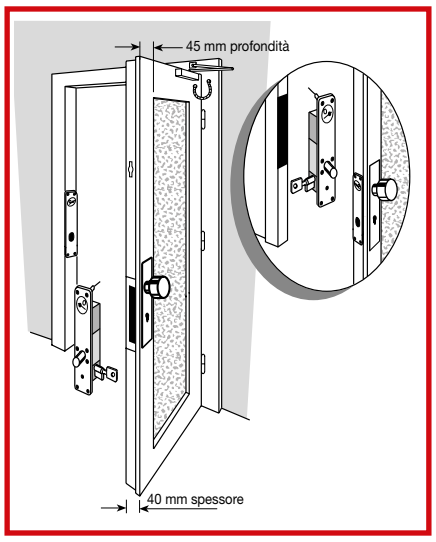
Serie Redlock® it is the electrical drop bolt recognizable immediately by brillant anodized bright red color of aluminium parts.
"Fail-safe" version, normally open model (fail-open).
The head of the bolt is "RECTRACTED" (door open) in case of power lack on the coil.
È la versione utilizzata quando la porta è usata anche come passaggio di fuga (per es. in caso di incendio).

ELECTRICAL DROP BOLT APPLICATION EXAMPLES

with various types for surface or recessed mounting

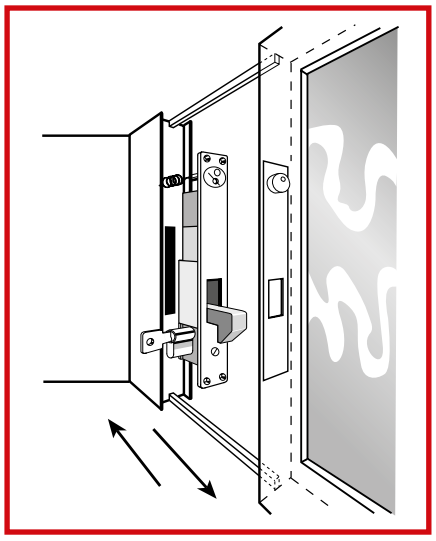


MAXILOCK or **MEDILOCK** inserted in middle rail of the door.

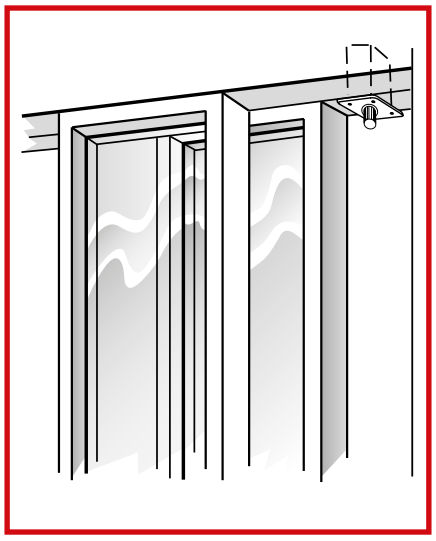


VERTILOCK embedded in the vertical doorpost or recessed in the counterframe.

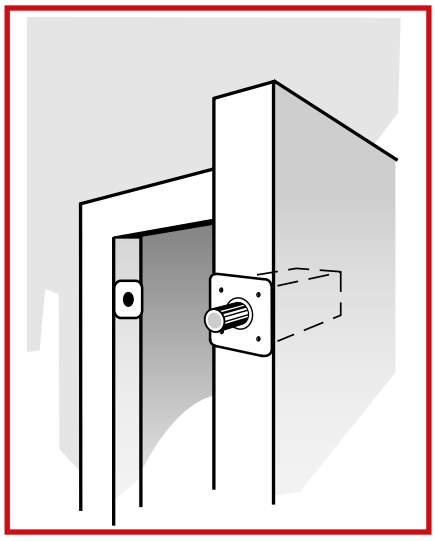
VERTILOCK for surface mounting on the doorpost or the counterframe.



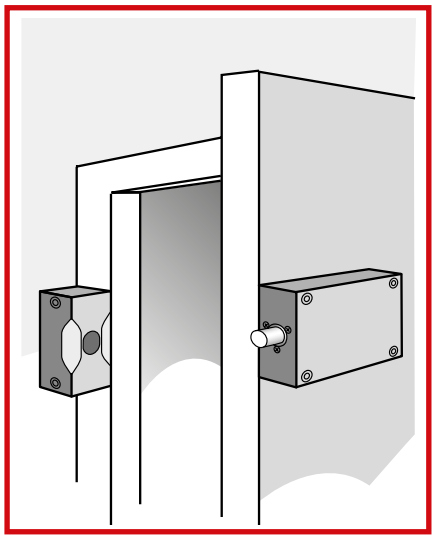
RAMLOCK embedded in the counterframe of the vertical upright of a sliding door.



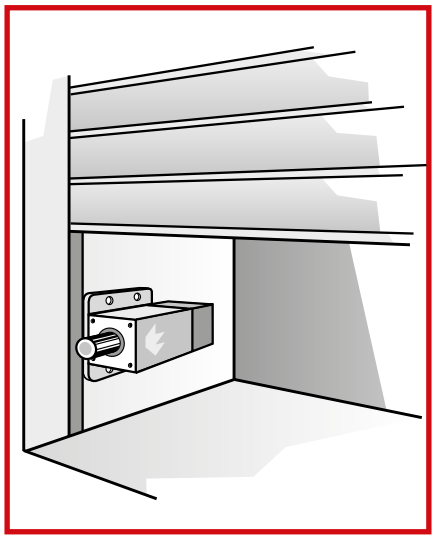
MINILOCK or **MICROLOCK** embedded in the top rail of a sliding or automatic/motorised door frame.



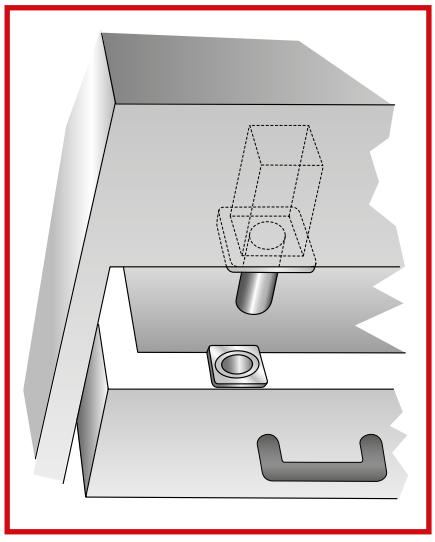
MINILOCK 'invisibly' recessed in doors, windows, cupboards, etc.



MICROLOCK in **'Clean Cover' housing** surface mounted on the door.



MINILOCK visible for roller shutters and blinds

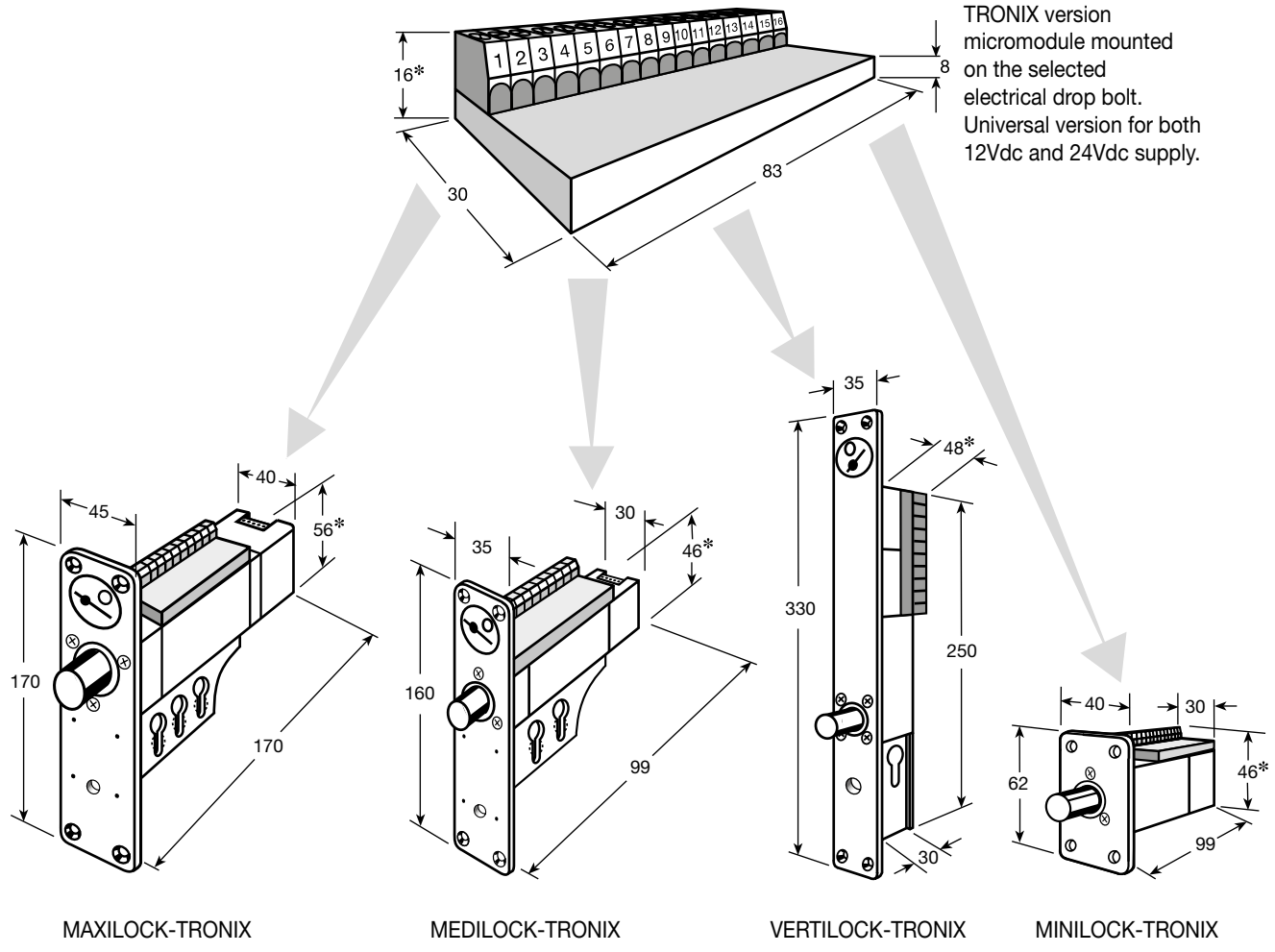


MICROLOCK 'invisible recessed' for drawers.

ELECTRICAL DROP BOLTS INTELLIGENT

MAXILOCK, MEDILOCK, VERTILOCK & MINILOCK TRONIX VERSION

ideal for access control systems



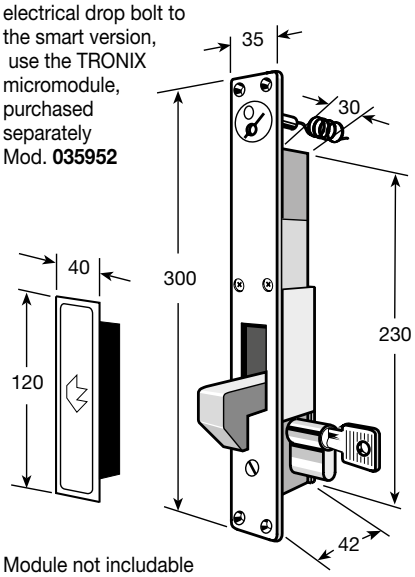
* Micromodule included
See also the date sheet specific for each model of electrical drop bolts.

General

The TRONIX version of the micromodule is a true ultra-miniaturised SMD technology 'micro control unit' encapsulated in an anodised anticorodal aluminium micro-block measuring just 83x30x16mm deep!
It is the 'brain' that all Tecnodimensione electrical drop bolt models are designed to be equipped with, simply by integrating it into the body.
Existing drop bolts and those already in operation can also be fitted with the smart TRONIX Version.
This gives the installer a great opportunity to upgrade their systems and offer their customers significant improvements.
With the 'TRONIX version micromodule', retrofitting can be carried out almost instantly, requiring virtually no modification to the Tecnodimensione Redlock® (fail-safe) and Bluelock® (fail-secure) series electrical drop bolts.

The entire range of Tecnodimensione's 300 types of electrical drop bolts are now available in the 'TRONIX version', in types and sizes:
MAXILOCK, MEDILOCK, VERTILOCK, MINILOCK.
With the TRONIX Version, each Tecnodimensione electrical drop bolt is actually a compact stand-alone electrical drop bolt with 'decentralised intelligence' that is 'self-managing' with its own opening times, self-closing, permanent lock/unlock, etc.
All it needs is a 12Vdc (24Vdc) power supply and it is ready to use with maximum safety.
It receives the opening command from the local door release button and/or the remote command from intercoms, console keypads, remote controls, code keypads, magnetic card readers etc. without the need for an interface.

To convert the RAMLOCK electrical drop bolt to the smart version, use the TRONIX micromodule, purchased separately Mod. **035952**



Module not includable

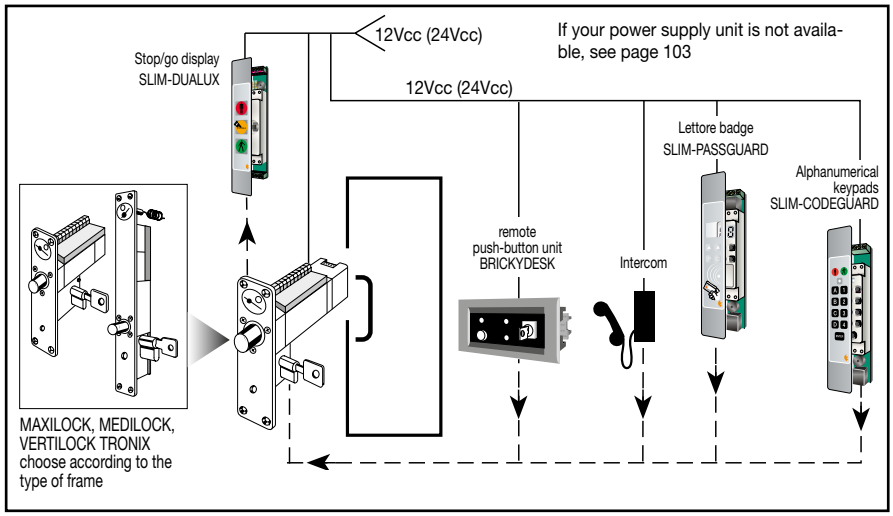
APPLICATION EXAMPLES FOR THE MANAGEMENT OF SINGLE AND/OR INTERLOCKING DOORS USING TRONIX VERSION MAXILOCK, MEDILOCK & VERTILOCK INTERCONNECTED FOR INTERLOCKING USE

Innovative performance

In addition to the proven performance of Tecnodimensione's electrical drop bolts, the new 'smart' electrical drop bolts offer the following additional innovative features:

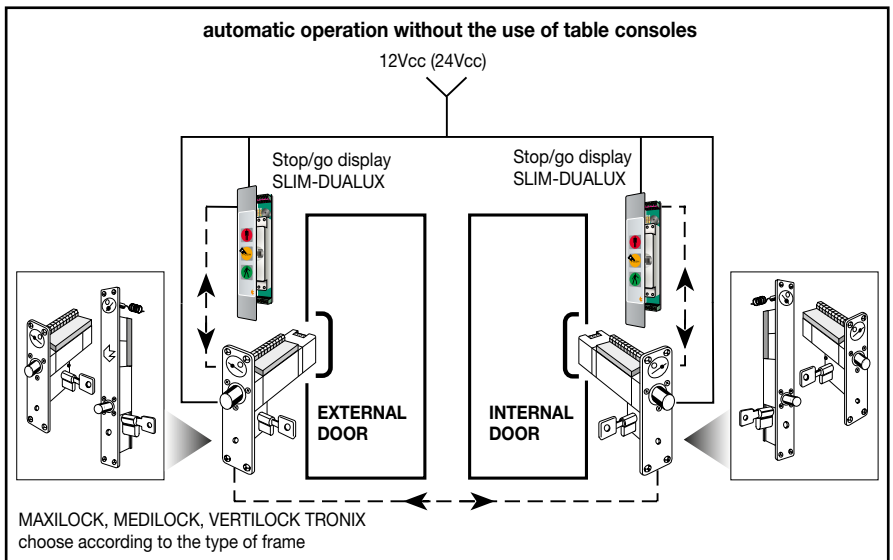
- **timing:**
  (door opening release time).
  No more doors that are accidentally left open due to a wrong movement or distraction! The command impulse unlocks the door for a pre-set time (3 - 25 sec.), allowing it to be opened. When the time has elapsed, the door is locked, even if it has not been opened, preventing unauthorised access.
- **temporary unlimited unlocking:**
  (unlocked) allows the door to be permanently unlocked for cleaning services, removals, etc. or in the event of fire.
- **bolt exit control:**
  after the door has been opened by an authorised opening command, the bolt of the solenoid lock remains retracted until the door is closed again.
- **debounce logic:**
  the door then closes again softly!
  The exit of the bolt is controlled by a special 'debounce' logic to compensate for unwanted oscillations or rebounds. In this way, the classic 'pump type door closer' can complete its stroke without encountering any resistance, thus closing the door completely.
- **courtesy service:**
  even if the door is unlocked manually with a key (and/or internal handle), the internal electronic management keeps the solenoid lock pin temporarily retracted for the programmed release time, even if the key is not any more inserted. This allows you to put away your key, push open the door and walk through, even when your hands are full (carrying parcels, luggage, etc.).
- **tamper protection:**
  when the door is closed, attempts at tampering or forced activation, the proximity contact will not cause the bolt to retract, meaning that the door cannot be opened maliciously with blades, magnets or by tampering with the door alignment sensor.
- **outputs for remote information:**
  - 2 outputs respectively for door status + bolt position; suitable for signalling door open/closed (to connect remote optical and acoustic signals and SLIM-DUALUX Stop/Go displays etc.).
- **interlink** (for future 2 door interlocking):
  the TRONIX version is already equipped with an input/output control circuit, so that when connected in 'tandem' with another TRONIX unit you can easily create a 2 door interlocking system.

SINGLE DOOR MANAGEMENT
WITH 1 TRONIX VERSION ELECTRICAL DROP BOLT

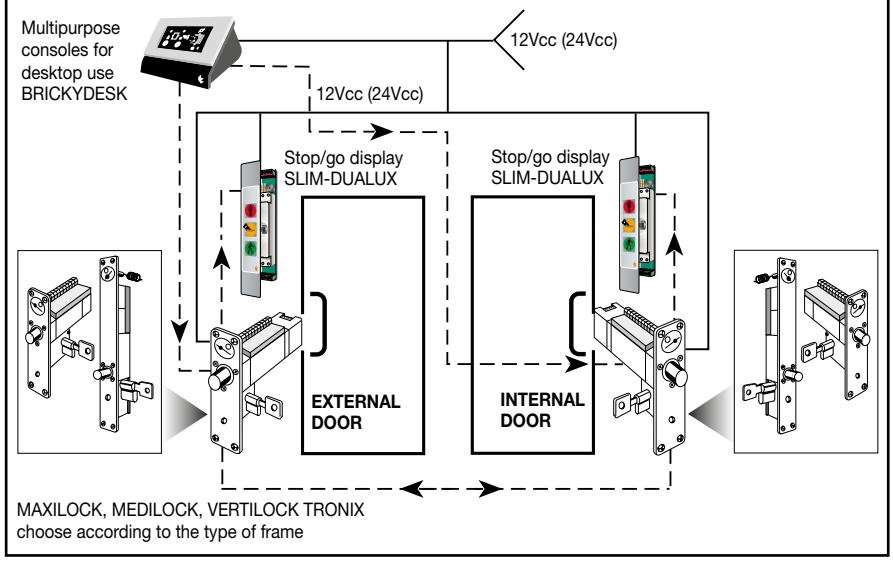


MANAGEMENT OF 2 INTERLOCKED DOORS
WITH 2 ELECTRICAL DROP BOLTS
TANDEM INTERLINKED TRONIX VERSION

automatic operation without the use of table consoles



using remote command console with auto/manual functions



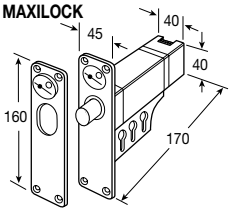
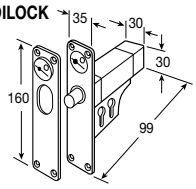
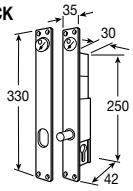
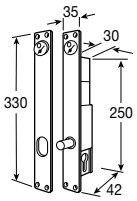
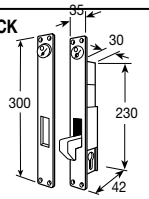
MULTIPURPOSE ELECTRICAL DROP BOLTS

Maxilock, Medilock, Vertilock & Ramlock

Export Product-list
January 2024

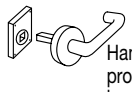
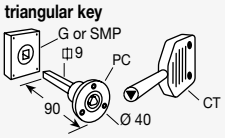
TECNODIMENSIONE®

TECHNICAL CHARACTERISTICS
Models for recessed mounting. Each electrical drop bolt comes with its own counterflange.
For surface mounting are available the pertinent BLINDOBOX housing (see page 23).

	HEAVY DUTY LOCKING BOLT solid AISI 316 stainless steel	**UNIVERSAL OPERATING VOLTAGE** Vdc	**CURRENT DRAW** mA	**MULTIPURPOSE BACKSET** with different key-holes convertible for handle mm	**BOLT STATUS SENSOR** ● SPDT dry contact 1	**REGOPLUS® SENSOR** 1 Reed contact SPDT 1A	**R** = Reversible **D** = Right hand (DIN links) **S** = Left hand (DIN rechts)	**BLUELOCK® SERIES** **(fail-secure)** security version = bolt 'out' without power / **REDLOCK® SERIES** **(fail-safe)** anti-panic version = bolt 'out' with power	Ordering information **MODELS**		Q.ty N°
MAXILOCK 	ROUND BOLT Ø 18 mm stroke 20 mm	12/24V 12/24V	990/500 990/500	30/50/70 30/50/70	● ●	● ●	R R	MAXI-BLUELOCK MAXI-REDLOCK	**0071C2R3U** **0073C2R3U**		
	SLANTED BOLT Ø 18 mm corsa 15 mm	12/24V 12/24V	990/500 990/500	30/50/70 30/50/70	● ●	● ●	D/S ? D/S ?	MAXI-BLUELOCK MAXI-REDLOCK	**0072C2(D/S?)3U** **0074C2(D/S?)3U**		
MEDILOCK 	ROUND BOLT Ø 15 mm stroke 14 mm	12/24V 12/24V	900/450 900/450	30/50 30/50	● ●	● ●	R R	MEDI-BLUELOCK MEDI-REDLOCK	**0081C2R3U** **0083C2R3U**		
	SLANTED BOLT Ø 15 mm stroke 14 mm	12/24V 12/24V	900/450 900/450	30/50 30/50	● ●	● ●	D/S ? D/S ?	MEDI-BLUELOCK MEDI-REDLOCK	**0082C2(D/S?)3U** **0084C2(D/S?)3U**		
VERTILOCK 	ROUND BOLT Ø 15 mm stroke 15 mm	12/24V 12/24V	900/450 900/450	25 25	● ●	● ●	R R	VERTI-BLUELOCK VERTI-REDLOCK	**0091C2R2U** **0093C2R2U**		
	SLANTED BOLT Ø 15 mm stroke 15 mm	12/24V 12/24V	900/450 900/450	25 25	● ●	● ●	D/S ? D/S ?	VERTI-BLUELOCK VERTI-REDLOCK	**0092C2(D/S?)2U** **0094C2(D/S?)2U**		
VERTILOCK **version "K" with anti-retraction bolt** 	VERTILOCK, version K, has a special device, ARB (Anti-retraction bolt), that prevents the bolt from being retracted and ensures a high resistance capacity. **Compliant with European standard EN 12209-2005 class 4.**										
	ROUND BOLT Ø 15 mm stroke 15 mm	12/24V 12/24V	900/450 900/450	25 25	● ●	● ●	R R	VERTI-BLUELOCK VERTI-REDLOCK	**0091C2R2UK** **0093C2R2UK**		
RAMLOCK 	RAM-CATCH cromium-plate brass 21 x 24 x 10 mm	12/24V 12/24V	900/450 900/450	25 25	● ●	● ●	R R	RAM-BLUELOCK RAM-REDLOCK	**0097C2R2U** **0098C2R2U**		

ANCILLARIES

Adaptors to unlock the door by means of the handle - Ideal to enable Maxi, Medi and Vertilock electrical drop bolts to be manually released also by means of a handle and/or safety bar. For Maxilock or Medilock: installing the additional standard "G" adaptor (where is placed the key-hole), enables the door to be unlocked from the "inside" by means of the handle and/or safety bar. The door can be manually unlocked also from the "outside" by means of the cylinder with key. For Vertilock: the special "G" and/or "SMP" adaptor is fixed on the body of Vertilock by engaging the bolt of the handle/panic bar (or using the PC + CT kit).

OPTIONAL "G" ADAPTOR Standard or "SMP"  Handle to be provided by customer	9 mm square follower for release by handle or panic bar	(30/50/70) Key-holes backse	applicable on MAXILOCK MEDILOCK	R	Version "G" for temporary manual unlocking	**S00708GU** "G" adaptor only
		25 Key-holes backse	applicable on VERTILOCK	R	Version "G" for temporary manual unlocking	**S00908GU** "G" adaptor only
		25 Key-holes backse	applicable on VERTILOCK	---	Version "SMP" for permanent manual unlocking	**S00908GSMP** "SMP" adaptor only
Kit with PC control pin + CT triangular key 	**SPECIAL APPLICATIONS:** **Emergency unlocking with standard triangular key** Kit with PC control spindle, guide and rose for the insertion of the triangular key + 2 TC plastic triangular keys for emergency unlocking (if the electrical drop bolts are fitted with the optional "G" and/or "SMP" adapter}.					**S00908GT2** (kit PC + CT)

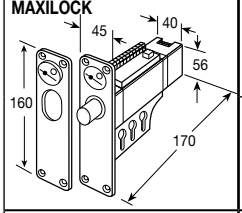
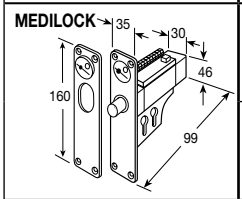
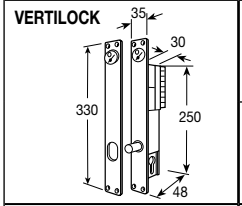
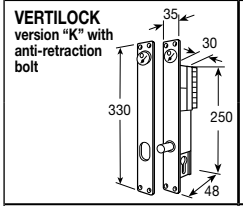
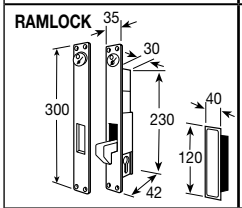
Note: for Maxilock or Medilock without override mechanism, above corresponding price less euro 71,00 each. The published prices do not include key-cylinders, handles, and any adapter, installing ancillory. The standard locking counter-plate is included, but special "2 slide-giude" counter-plates for swing doors should be purchased separately.

"TRONIX" ELECTRICAL DROP BOLTS WITH SMART MICRO-MODULE

Maxilock, Medilock, Vertilock & Ramlock

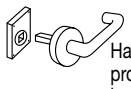
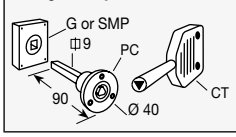
Export Product-list
January 2024

TECNODIMENSIONE®

TECHNICAL CHARACTERISTICS Models for recessed mounting in Tronix "intelligent" version with built-in electronic management and supplied with counter-plate. For surface mounting use the proper BLINDOBOX housing (see page 23).	**HEAVY DUTY LOCKING BOLT** solid AISI 316 stainless steel	**UNIVERSAL OPERATING VO** Vdc	**CURRENT DRAW** mA	**I MULTIPURPOSE BACKSET** with different key-holes convertible for handle mm	**BOLT STATUS SENSOR**	**REGOPLUS® DOOR STATUS SENSOR**	• Timed opening (1÷20 sec) • Control of bolt exit • Interlink (for interlock))	**R** = Reversible **D** = Right hand (DIN links) **S** = Left hand (DIN recths)	**SERIE BLUELOCK®** (fail-secure) security version = bolt 'out' without power / **SERIE REDLOCK®** (fail-safe) anti-panic version = bolt 'out' with power	Ordering information **MODELS**		Q.ty N°
MAXILOCK 	ROUND BOLT Ø 18 mm stroke 20 mm	12/24V 12/24V	990/500 990/500	30/50/70 30/50/70	● ●	● ●	● ●	R R	MAXI-BLUELOCK MAXI-REDLOCK	**0071C2R3UT** **0073C2R3UT**		
	SLANTED BOLT Ø 18 mm corsa 15 mm	12/24V 12/24V	990/500 990/500	30/50/70 30/50/70	● ●	● ●	● ●	D/S ? D/S ?	MAXI-BLUELOCK MAXI-REDLOCK	**0072C2(D/S?)3UT** **0074C2(D/S?)3UT**		
MEDILOCK 	ROUND BOLT Ø 15 mm stroke 14 mm	12/24V 12/24V	900/500 900/500	30/50 30/50	● ●	● ●	● ●	R R	MEDI-BLUELOCK MEDI-REDLOCK	**0081C2R3UT** **0083C2R3UT**		
	SLANTED BOLT Ø 15 mm stroke 14 mm	12/24V 12/24V	900/500 900/500	30/50 30/50	● ●	● ●	● ●	D/S ? D/S ?	MEDI-BLUELOCK MEDI-REDLOCK	**0082C2(D/S?)3UT** **0084C2(D/S?)3UT**		
VERTILOCK 	ROUND BOLT Ø 15 mm stroke 15 mm	12/24V 12/24V	900/450 900/450	25 25	● ●	● ●	● ●	R R	VERTI-BLUELOCK VERTI-REDLOCK	**0091C2R2UT** **0093C2R2UT**		
	SLANTED BOLT Ø 15 mm stroke 15 mm	12/24V 12/24V	900/450 900/450	25 25	● ●	● ●	● ●	D/S ? D/S ?	VERTI-BLUELOCK VERTI-REDLOCK	**0092C2(D/S?)2UT** **0094C2(D/S?)2UT**		
VERTILOCK version "K" with anti-retraction bolt 	VERTILOCK, version K, has a special device, ARB (Anti-retraction bolt), that prevents the bolt from being retracted and ensures a high resistance capacity. **Compliant with European standard EN 12209-2005 class 4.**											
	ROUND BOLT Ø 15 mm stroke 15 mm	12/24V 12/24V	900/450 900/450	25 25	● ●	● ●	● ●	R R	VERTI-BLUELOCK VERTI-REDLOCK	**0091C2R2UKT** **0093C2R2UKT**		
RAMLOCK 	RAM-CATCH cromium-plate brass 21 x 24 x 10 mm	12/24V 12/24V	900/450 900/450	25 25	● ●	● ●	--- --- ●	R R	RAM-BLUELOCK RAM-REDLOCK TRONIX MICROMODULE (to be purchased separately)	**0097C2R2U** **0098C2R2U** **035952**		

ANCILLARIES

Adaptors to unlock the door by means of the handle - Ideal to enable Maxi, Medi and Vertilock electrical drop bolts to be manually released also by means of a handle and/or safety bar. For Maxilock or Medilock: installing the additional standard "G" adaptor (where is placed the key-hole), enables the door to be unlocked from the "inside" by means of the handle and/or safety bar. The door can be manually unlocked also from the "outside" by means of the cylinder with key. For Vertilock: the special "G" and/or "SMP" adaptor is fixed on the body of Vertilock by engaging the bolt of the handle/panic bar (or using the PC + CT kit).

OPTIONAL "G" ADAPTOR - Standard or "SMP"  Handle to be provided by customer	9 mm square follower for release by handle or panic bar	(30/50/70) Key-holes backset	applicable on MAXILOCK MEDILOCK	R		Version "G" for temporary manual unlocking	**S00708GU** "G" adaptor only	
		25 Key-holes backset	applicable on VERTILOCK	R		Version "G" for temporary manual unlocking	**S00908GU** "G" adaptor only	
		25 Key-holes backset	applicable on VERTILOCK	---		Version "SMP" for permanent manual unlocking	**S00908GSMP** "SMP" adaptor only	
Kit with PC control pin + CT triangular key 	**SPECIAL APPLICATIONS:** **Emergency unlocking with standard triangular key** Kit with PC control spindle, guide and rose for the insertion of the triangular key + 2 TC plastic triangular keys for emergency unlocking (if the electrical drop bolts are fitted with the optional "G" and/or "SMP" adapter}.						**S00908GT2** (kit PC + CT)	

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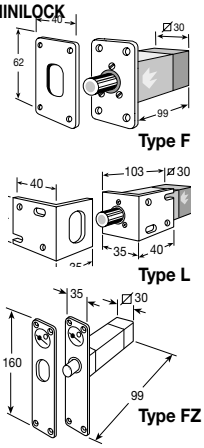
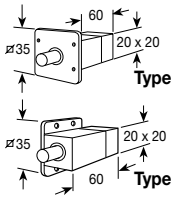
MULTIPURPOSE ELECTRICAL DROP BOLTS
Minilock & Microlock

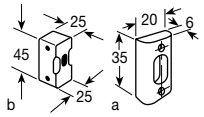
Export Product-list
January 2024

TECNODINAMENSIONE®

TECHNICAL CHARACTERISTICS
Models for recessed mounting.
Each solenoi bolt comes with its own counterflange.
For surface mounting are available the pertinent BLINDOBOX housing (see page 23).

	HEAVY DUTY LOCKING BOLT solid AISI 316 stainless steel Microlock (steel or AISI 303 s. s.)	UNIVERSAL OPERATING VOLTAGE Vdc	CURRENT DRAW mA	BOLT STATUS SENSOR ● 1 SPDT dry contact 1A ○ 1 SPDT dry contact 0,5A	• Timed opening (1÷20 sec) • Control of bolt exit • Interlink (for interlock	REGOPLUS® DOOR STATUS SENSOR	F = Frontal flange for flush mounting FZ = Long flange for flush mounting L = Bracket for surface mounting	R = Reversible D = Right hand (DIN links) S = Left hand (DIN rechts)	SERIE BLUELOCK® (fail-secure) security version = bolt 'out' without power SERIE REDLOCK® (fail-safe) anti-panic version = bolt 'out' with power	Ordering information MODELS		Q.ty N°
MINILOCK 	ROUND BOLT Ø 15mm stroke 14mm	12/24V	900/450	●	---	---	F	R	MINI-BLUELOCK	**0081B2RFU**		
		12/24V	900/450	●	---	---	L	R	MINI-BLUELOCK	**0081B2RLU**		
		12/24V	900/450	●	---	●	FZ	R	MINI-BLUELOCK	**0081B2RFZU**		
		12/24V	900/450	●	---	---	F	R	MINI-REDLOCK	**0083B2RFU**		
		12/24V	900/450	●	---	---	L	R	MINI-REDLOCK	**0083B2RLU**		
		12/24V	900/450	●	---	●	FZ	R	MINI-REDLOCK	**0083B2RFZU**		
	SLANTED BOLT Ø 15mm stroke 14mm	12/24V	900/450	●	---	---	F	R	MINI-BLUELOCK	**0082B2RFU**		
		12/24V	900/450	●	---	---	L	R	MINI-BLUELOCK	**0082B2RLU**		
		12/24V	900/450	●	---	●	FZ	D/S ?	MINI-BLUELOCK	**0082B2(D/S?)FZU**		
		12/24V	900/450	●	---	---	F	R	MINI-REDLOCK	**0084B2RFU**		
		12/24V	900/450	●	---	---	L	R	MINI-REDLOCK	**0084B2RLU**		
		12/24V	900/450	●	---	●	FZ	D/S ?	MINI-REDLOCK	**0084B2(D/S?)FZU**		
MICROLOCK 	ROUND BOLT Ø 8mm stroke 8mm	12V	390	---	---	---	F/L ?	R	MICRO-BLUELOCK	**00801A2R(F/L?)**		
		24V	200	---	---	---	F/L ?	R	MICRO-BLUELOCK	**00801A4R(F/L?)**		
		12V	390	○	---	---	F/L ?	R	MICRO-BLUELOCK	**00801B2R(F/L?)**		
		24V	200	○	---	---	F/L ?	R	MICRO-BLUELOCK	**00801B4R(F/L?)**		
		12V	390	---	---	---	F/L ?	R	MICRO-REDLOCK	**00803A2R(F/L?)**		
		24V	200	---	---	---	F/L ?	R	MICRO-REDLOCK	**00803A4R(F/L?)**		
		12V	390	○	---	---	F/L ?	R	MICRO-REDLOCK	**00803B2R(F/L?)**		
		24V	200	○	---	---	F/L ?	R	MICRO-REDLOCK	**00803B4R(F/L?)**		
	Note: See also SLIM-MICROLOCK on page 24											

ADDITIONAL ANCILLARIES FOR MICROLOCK

TWO-SLIDES COUNTER-STRIKES FOR MICROLOCK


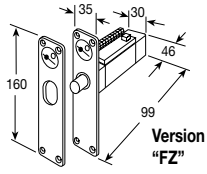
Additional accessory for Microlock electrical drop bolts

a - **two-slides** counter-plate for Microlock "F" version for flush mounting — **0080502R**

a¹ - **two-slides** counter-plate as above but FZ version (20x60mm) including magnet for door status sensor — **0080502RZ**

b - **two-slides** strike block for Microlock "L" version for surface mounting (the strike block is alluminium anodized "silver colour" type). — **S00809V1RF**

"TRONIX" VERSION with smart micromodule

MINILOCK with Regoplus® 	ROUND BOLT Ø 15mm stroke 14mm	12/24V	900/450	●	●	●	FZ	R	MINI-BLUELOCK	**0081B2RFZUT**		
		12/24V	900/450	●	●	●	FZ	R	MINI-REDLOCK	**0083B2RFZUT**		
	SLANTED BOLT Ø 15mm stroke 14mm	12/24V	900/450	●	●	●	FZ	D/S ?	MINI-BLUELOCK	**0082B2(D/S?)FZUT**		
		12/24V	900/450	●	●	●	FZ	D/S ?	MINI-REDLOCK	**0084B2(D/S?)FZUT**		

Note: prices quoted do **not include** key cylinders, handles and other installation accessories. The standard locking counter plate is always supplied with Minilock electrical drop bolts, but for Microlock electrical drop bolt. The electrical drop bolt Minolock and Microlock should be required equipped with additional rod (fitted axially in the rearbody) to provide mechanical release, with extraprice of euro 16,00 each unit.

SURFACE MOUNTING BOX FOR ELECTRICAL BOLTS

Export Product-list - January 2024

TECNODIMENSIONE®

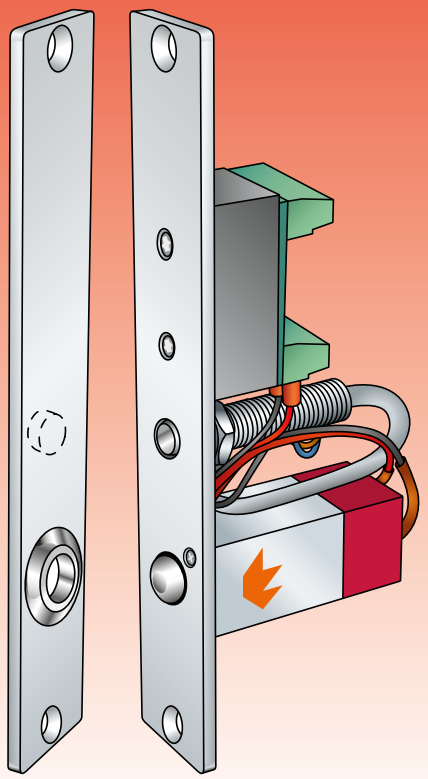
TECHNICAL CHARACTERISTICS
The listed models are proper boxes to house pertinent electrical bolts to provide surface mounting, both standard or "TRONIX" version.

HEAVY DUTY HOUSING FOR SURFACE MOUNTING
Example of electrical bolt (purchased separetely) to be assembled into the proper box for surface mounting.

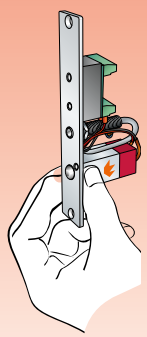
KEY-HOLE FOR PROFILE CYLINDER mm	N = Alluminium "dark brown" F = Aluminium "silver"	D = Right hand (DIN links) S = Left hand (DIN rechts) R = Reversible	Z = with SPDT reed contact for door status control	Ordering information MODELS		Q.ty N°
MAXI-BLINDOBOX						
70	F	D/S	---	**0079C2(D/S?)7F**		
70	N	D/S	---	**0079C2(D/S?)7N**		
MEDI-BLINDOBOX						
50	F	D/S	---	**0089C2(D/S?)5F**		
50	N	D/S	---	**0089C2(D/S?)5N**		
VERTI-BLINDOBOX						
25/30	F	D/S	---	**0099C2(D/S?)3UF**		
25/30	N	D/S	---	**0099C2(D/S?)3UN**		
RAM-BLINDOBOX						
25/30	F	D/S	---	**0099C2(D/S?)2F**		
25/30	N	D/S	---	**0099C2(D/S?)2N**		
MINI-BOX						
---	F	R	---	**0089B1UF**		
---	N	R	---	**0089B1UN**		
---	F	R	●	**0089B1UFZ**		
---	N	R	●	**0089B1UNZ**		
For MINI-BOX Dispositivo addizionale sblocco chiave per Minibox opzionale						
130	F	D / S ?	---	**0089C1(D/S?)F**		
130	N	D / S ?	---	**0089C1(D/S?)N**		
AUXILIARY ACCESSORIES Designed to be used to fix the Minibox boxes on the rear and useful in the following cases: 1) Irregular door surface 2) To "weld" the Minibox box on an iron door 3) To reinforce the rear of the Minibox box on "open" gates				Kit with fixing and shimming plate, reversible, RHS/LHS, without holes. Kit with fixing and shimming plate, reversible, RHS/LHS, with multiple holes.		**0089C0RPK** **0089C2RPK**
Spare bolt for MINI-BOX Block counter (external locking strike) for Minilock, without case						
---	F	R	---	**S0089B1RF**		
---	N	R	---	**S0089B1RN**		
MICRO-BOX						
---	F	R	---	**00809A0UF**		
---	N	R	---	**00809A0UN**		
---	F	R	●	**00809A0UFZ**		
---	N	R	●	**00809A0UNZ**		
Spare bolt for MICRO-BOX Block counter (external locking strike) for Minilock, without case						
---	F	R	---	**S00809V1RF**		
---	N	R	---	**S00809V1RN**		

Note: The published prices are quoted for housing only. The pertinent prices of the electrical bolts to be included onto the housing, should be added separately (see the specific price list).

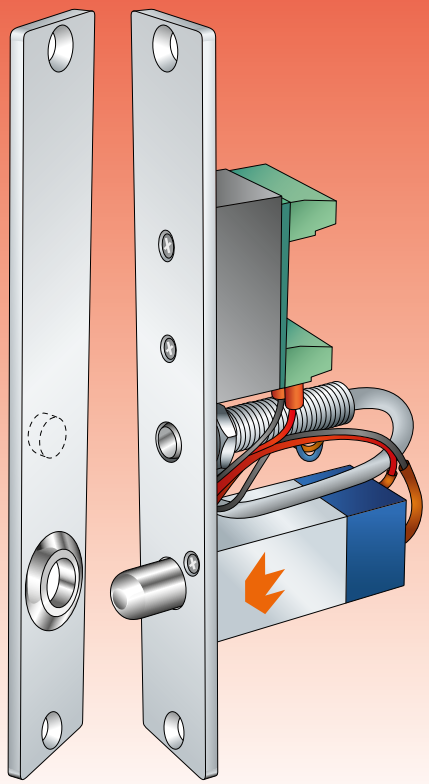
Ultraslim and supercompact electrical drop bolts SLIM-MICROLOCK



SLIM

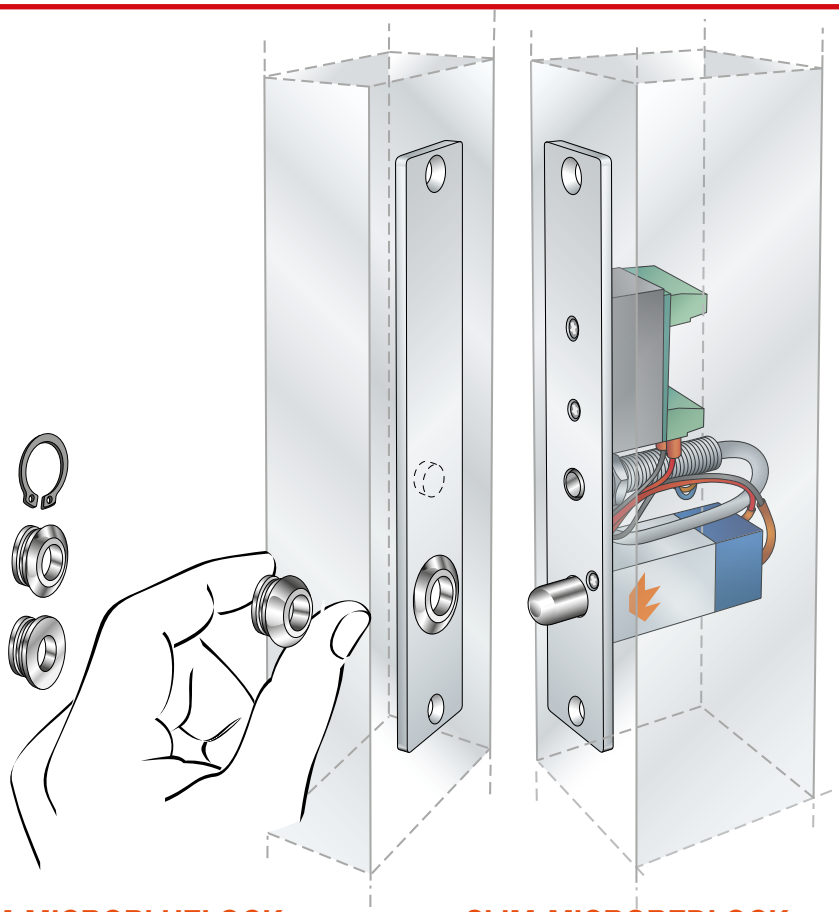


FOR FLUSH MOUNTING

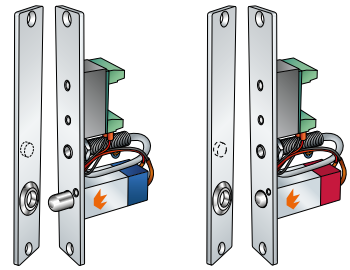


SLIM-MICROREDLOCK
(fail-safe)

SLIM-MICROBLUELOCK
(fail-secure)



SLIM-MICROBLUELOCK **(fail-secure)** and **SLIM-MICROREDLOCK** **(fail-safe)**
Adaptable to all types of door frames thanks to kit “SCP”, consisting of three bushings that can be interchanged on the counterflange in order to perfectly adjust the distance between door frame and door-post...
... it’s **REGOSTRIKE!**


(fail-secure) (fail-safe)

PROFESSIONAL ELECTRICAL DROP BOLTS

SLIM-MICROLOCK

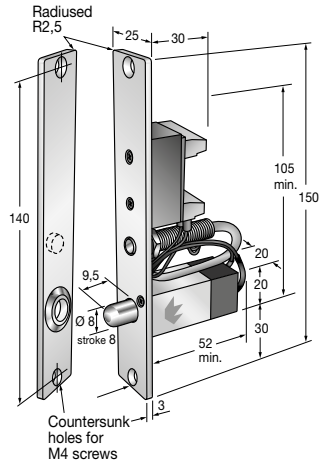
With screw-type terminal box for conventional applications

Export Product-list
January 2024

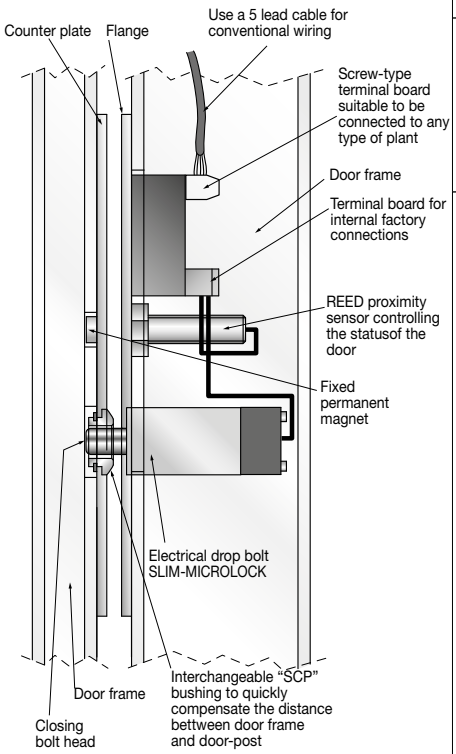
TECNODIMENSIONE®

Micro electrical drop bolt for recess mounting with flange and counterflange in anodised aluminium with "silver" finish. Ideal for compact door frames.

SLIM-MICROLOCK
For recess mounting



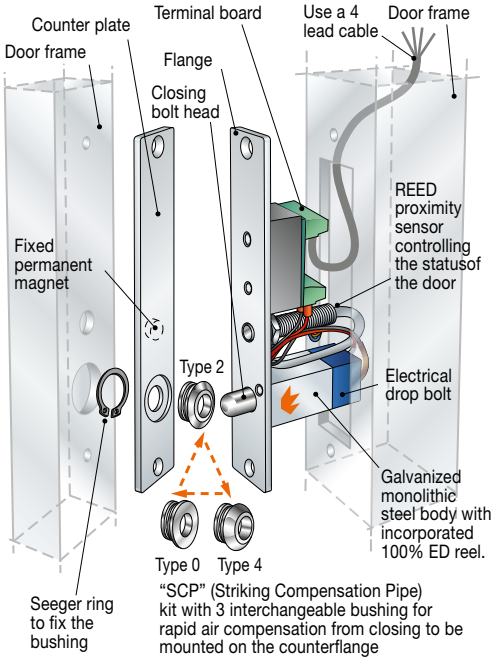
EXAMPLE OF RECESS-MOUNTING ON THE DOOR FRAME



Ordering information		Q.ty
MODELS		**N°**
BLUELOCK series **fail-secure version (security)** = bolt "out", bolt "in" with power. **If there is no power, the SLIM MICROBLUELOCK electrical drop bolt locks in closing, to prevent unauthorized access.** **REDLOCK** series **fail-safe version (anti-panic)** = in case of power lack, bolt "out" when powered, bolt "in" without power. **If there is a fire, the SLIM MICROREDLOCK electrical drop bolt solenoid bolt releases automatically to enable a safe evacuation.**		
Models for 12 Vdc power supply		
SLIM-MICROBLUELOCK fail secure version (security). Micro-electrical drop bolt for panel flush fitting with screw-type terminal board for conventional wiring of any system, even pre-existent (including existing units). - With 100% ED reel for uninterrupted functioning. - Includes a Reed sensor to control the approaching of the door (axially adjustable). - 12 Vdc/390 mA power supply Accessories supplied as standard: Counterflange with kit "SCP" that includes 3 bushings in chromium-plated steel to compensate the port.	**00801A2FZM**	
SLIM-MICROREDLOCK fail-safe version (anti panic). Micro-electrical drop bolt for panel flush fitting same as above but.	**00803A2FZM**	
Models for 24 Vdc power supply		
SLIM-MICROBLUELOCK fail secure version (security). Micro-electrical drop bolt for panel flush fitting same as above but with 24V DC/200 mA power supply	**00801A4FZM**	
SLIM-MICROREDLOCK same as above but fail-safe version (anti panic). Micro-electrical drop bolt for recess mounting	**00803A4FZM**	

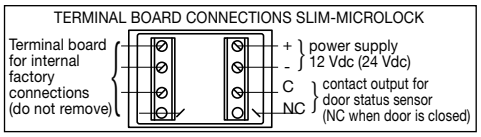
Note: 1) The special "SCP" compensation kit is supplied as standard and with 3 interchangeable bushings (choose the most suitable one, as shown in the figure on the side) enables to compensate the port and precisely adjust it. It is in fact important to verify that at least 4/5 of the length of the bolt head on the electrical drop bolt is inserted in the "hole" on the counterflange (reference bushing) when it is projecting (so that the door can be closed).
2) Standard models are designed to be fitted for "horizontal striking".
Types for vertical (downwards or upwards) striking, by special request.

WIRING EXAMPLE SLIM-MICROREDLOCK

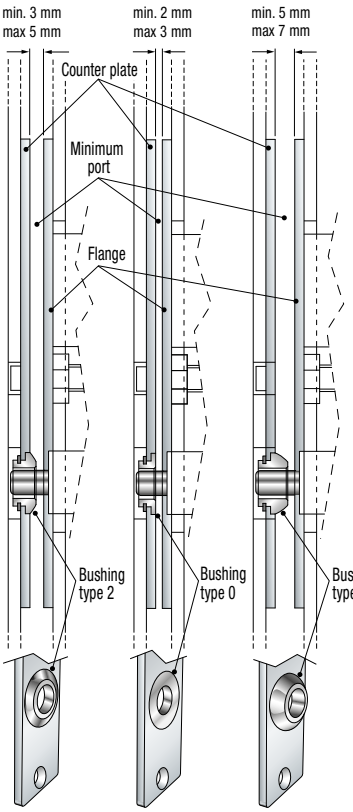


"SCP" (Striking Compensation Pipe) kit with 3 interchangeable bushing for rapid air compensation from closing to be mounted on the counterflange

TERMINAL BOARD CONNECTIONS SLIM-MICROLOCK



Kit "SCP" (Striking Compensation Pipe) kit to quickly compensate distance between door frame and door-post



PROFESSIONAL
ELECTRICAL LOCKS

Introduction to the choice of Professional Electric Door Strikes

The entire range of Tecnodimensione range professional electric door strikes has been designed and built to provide the widest possible range of resistance and to fit the space available on the frame.
Allows you to 'electrically control' the locking of any door fitted with a simple fixed knob (instead of a handle) and a traditional mechanical lock

The various models are available for:

- standard wooden or metal doors
- security doors with multi-bolt locking
- doors with low profile frames
- for panic bars

Versions for any environment:

- CLASSIC - for normal environments
- WATERPROOF - for outdoor applications
- GREENTRONIX - intelligent with multifunction microcip
- FIRE - with fire resistent REI 90

Mounting types:

- built-in
- surface
- **Fail-Secure** = 'security' version, i.e. the door will lock if power is lost.
  To be used when the door is used for intrusion protection.
- **Fail-Safe** = 'anti-panic' version, i.e. opens in the event of a voltage drop.
  To be used where the door is also used as an escape route.

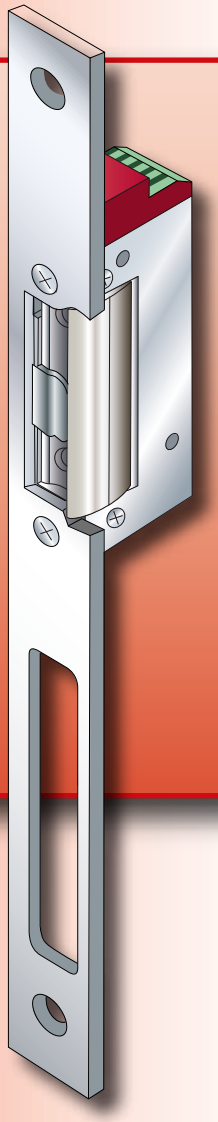
Power supply:

- low voltage 12Vdc/24Vdc, low consumption

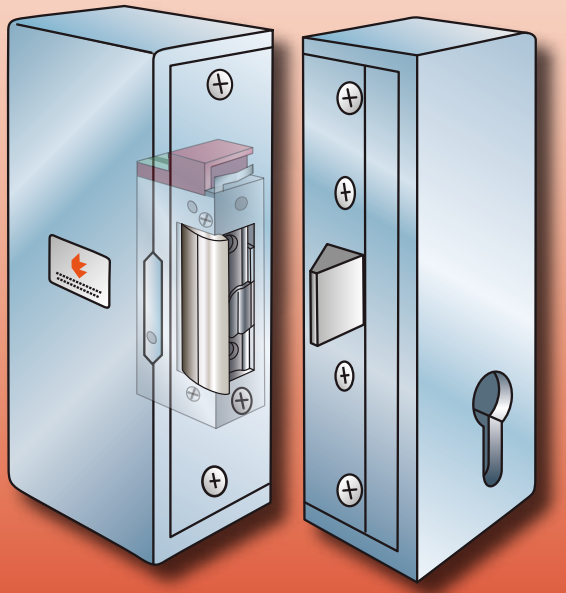
PROFESSIONAL
ELECTRICAL LOCKS

PROFESSIONAL ELETTRICAL DOOR STRIKES

FOR FLUSH MOUNTING



FOR INSTALLATION SURFACE MOUNT



TECNODINAMICA
security with style

GLOSSARY

PROFESSIONAL ELECTRICAL DROP BOLTS TECNODIMENSIONE
for recessing into the door frame

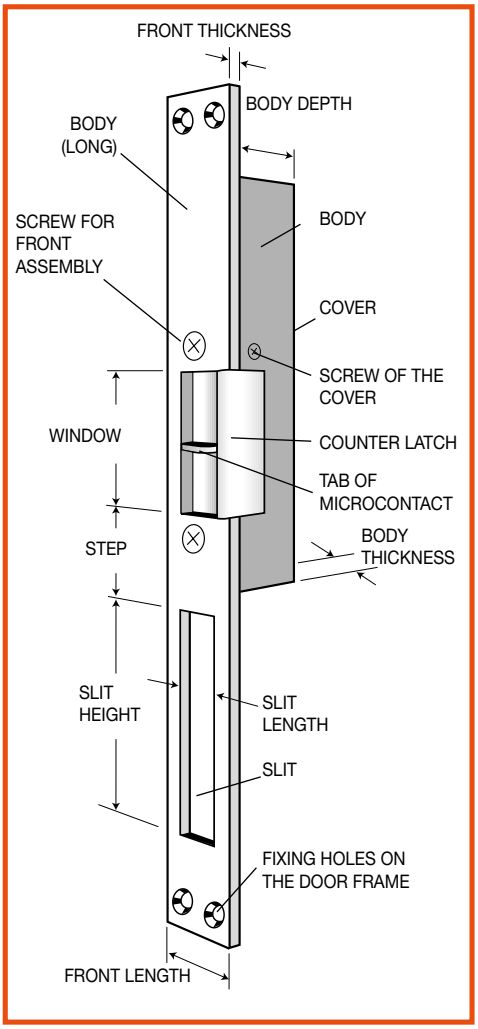
Electric strikes are a revolutionary idea that makes it possible to 'electrically control' the locking of any door that is simply fitted with a fixed knob (instead of a handle) and a standard mechanical latch.

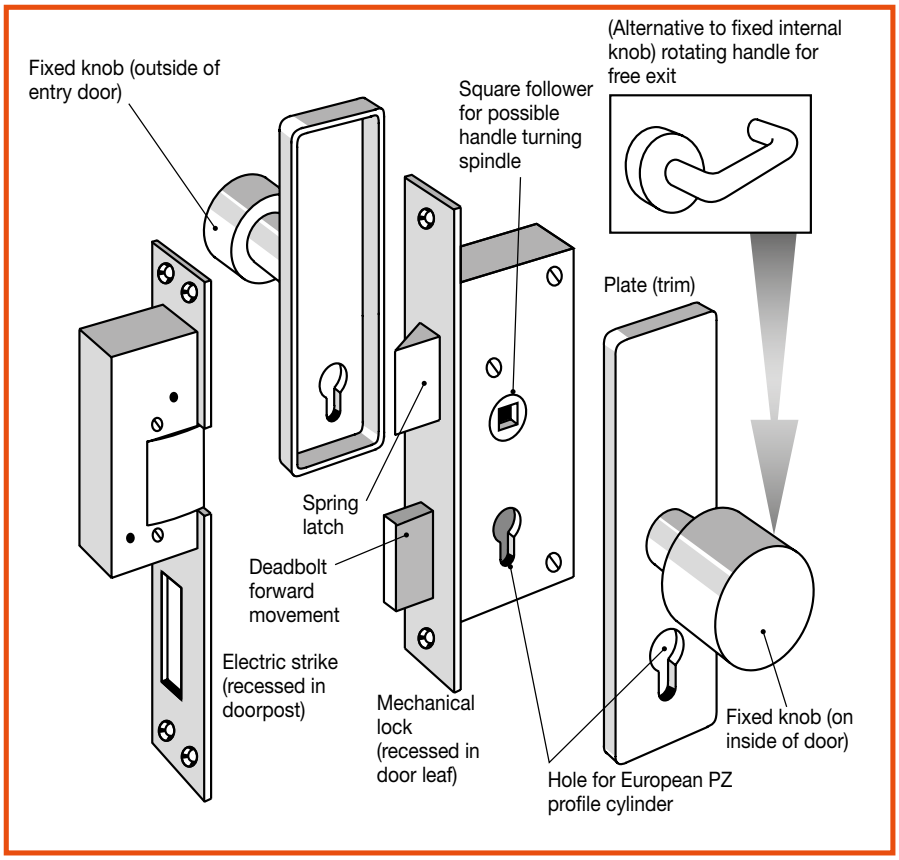
Essentially, the operating criterion of the ordinary electric lock is reversed: it is not the lock that is electric, but the striker plate in the door frame (where the latch is wedged), known in the trade as the 'striker', that is electric.

The electric strike is therefore essentially an electric door opener, with a striker mounted on the jamb (which matches the lock mounted on the door).
Another major advantage is that the power cable runs inside the door frame, where the electric strike itself is permanently mounted, and is not subject to wear and tear as the door moves.

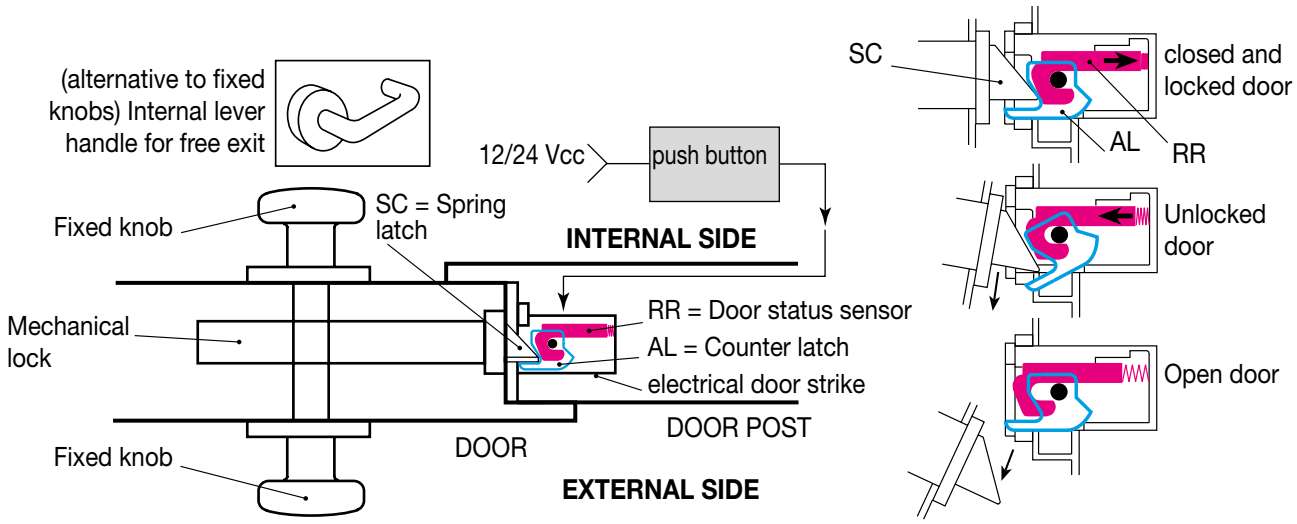
Advantages and performance:

- **DOOR STRIKE WITH ELECTRICALLY OPERATED SPRING BOLT MECHANISM:**
  allows you to electrically control the locking of any door without replacing the existing mechanical lock.
- **2Vdc or 24Vdc POWER SUPPLY WITH ULTRA LOW POWER CONSUMPTION:**
  for direct connection to any access control door opener system, interlocks, etc.
- **COIL FOR 100% UNINTERRUPTED OPERATION AND PERMANENT POWER SUPPLY:**
  even continuous locking and unlocking without the risk of coil burnout.
  The TECNODIMENSIONE electric door strike with special coil (heavy duty) also accepts permanent voltage.
- **POWERED "FAIL-SECURE" SECURITY VERSION:**
  this is the powered 'security' version, i.e. the door unlocks when power is applied.
  The door can be opened for as long as the opening control provides power to the electric strike.
  As soon as the power supply is interrupted, even if the door is not opened, it will automatically lock again, preventing further access.
- **FAIL-SAFE' 'ANTI-PANIC' VERSION THAT UNLOCKS IF POWER IS LOST:**
  this is the 'anti-panic' version that unlocks if power is lost. This is the special version to be used when the door is also used as an emergency exit.
  The unlock command is obtained by removing the power supply. As soon as the power supply is restored, the door returns to the locked state.
- **MONITORING SENSORS:**
  Most of the Tecnodimensione electric door strikes can be equipped with an intrinsic sensor to check the door status (open/closed) consisting of an SPDT micro-contact that checks the penetration of the spring bolt.
- **FRONT PLATE WITH VARIOUS CONFIGURATIONS TO ALLOW CONNECTION TO STANDARD LOCKS:**
  stainless steel, anodised aluminium, painted metal depending on model
  Short plate (C) for latch only locks
  Long plate (L) with slot for passage of the deadbolt, for latch + deadbolt locks.
  Corner versions with rounded edges.
- **WIDE RANGE OF SIZES:**
  for all types of wooden, iron, aluminium, security doors, with panic bars, etc.

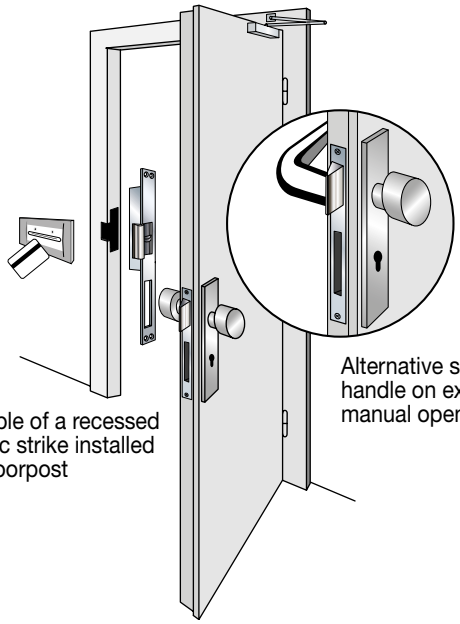




Electric doors strike/lock coupling

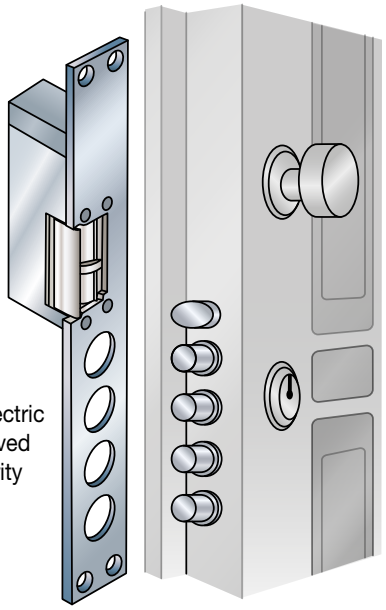


Examples of applications for recess mounting



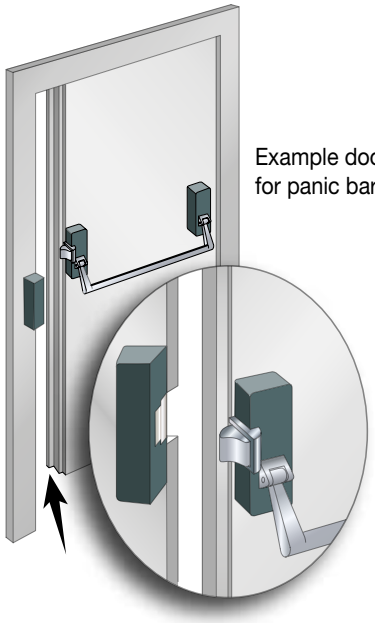
Example of a recessed electric strike installed in a doorpost

Alternative solution with handle on exit side for manual opening

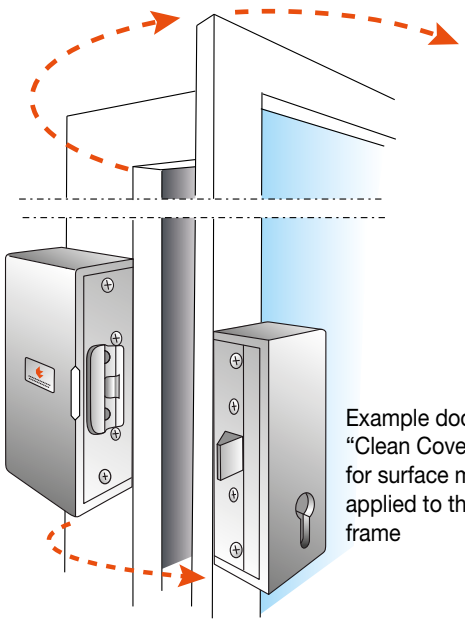


Example of electric strike with curved body for security doors

Examples of applications for intallation surface mount



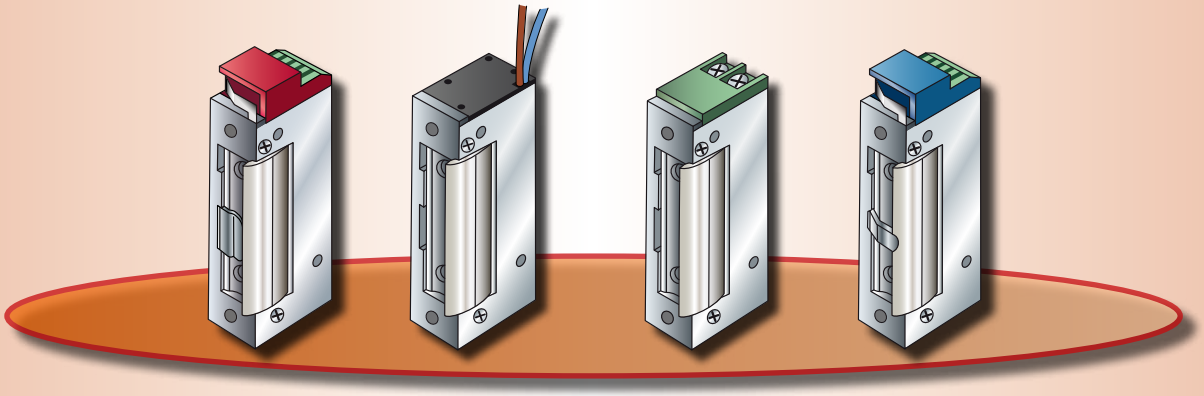
Example door strikes for panic bars



Example door strikes in “Clean Cover” protective for surface mount applied to the door-post frame

Electrical door strikes *NEW*SLIM Series

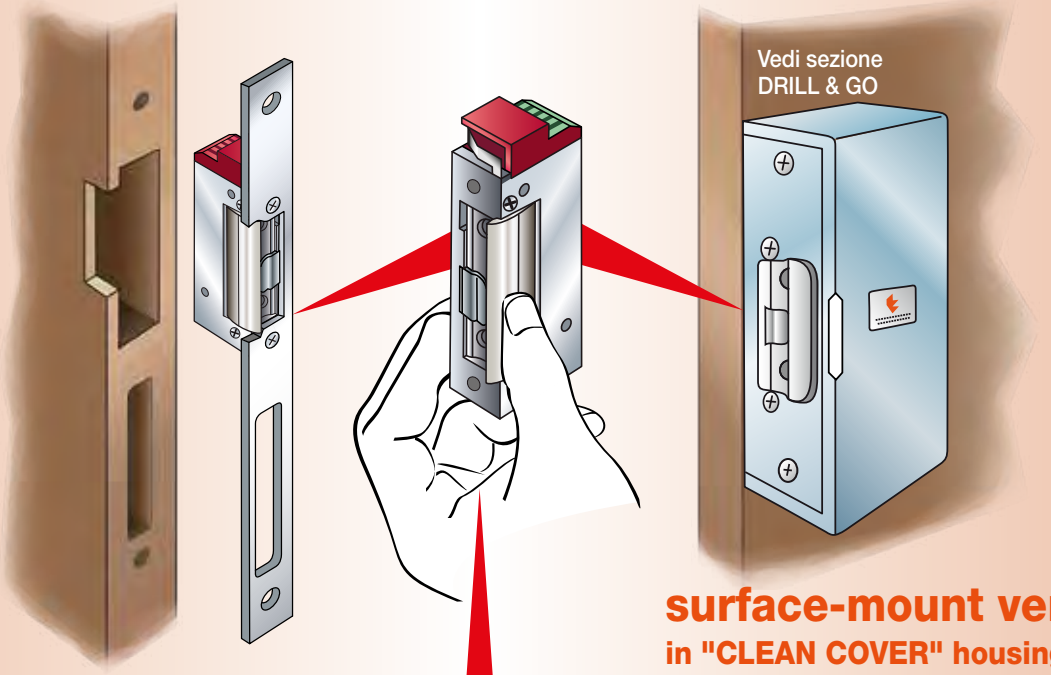
ONE SERIES... 1000 SOLUTIONS



Ideal for a wide variety of applications...

... and it can be either recess-mounted or surface-mounted.

THEY ARE AVAILABLE IN 4 VERSIONS SUITABLE FOR ANY ENVIRONMENT



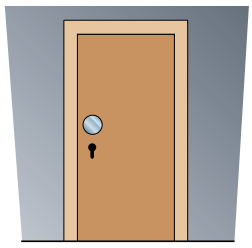
recess-mount version

example of *NEW*SLIM electrical door strike assembled with long front plate Lp ready to be recess-mounted on any type of door

surface-mount version

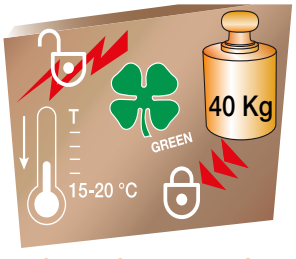
in "CLEAN COVER" housing

example of *NEW*SLIM electrical door strike assembled in the housing BLINDO-DOORSTRIKE ready for easy surface mount installation, without having to make recesses in the frame, for any type of door, even existing ones



***NEW*SLIM CLASSIC**
version for normal environments

***NEW*SLIM WATERPROOF**
waterproof version for outdoor applications



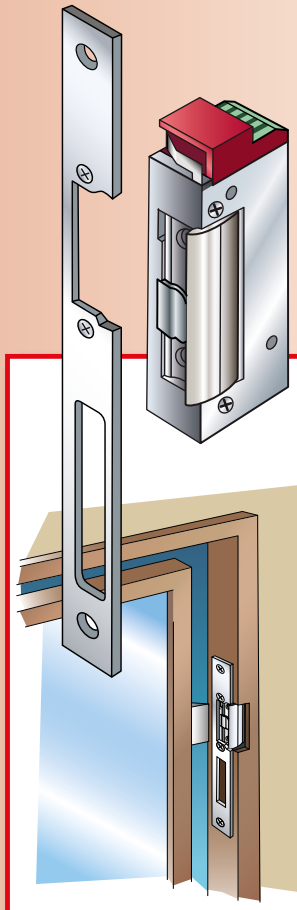
***NEW*SLIM GREENTRONIX**
'intelligent' operation with multifunction microchip

***NEW*SLIM FIRE**
fire resistant version REI 90

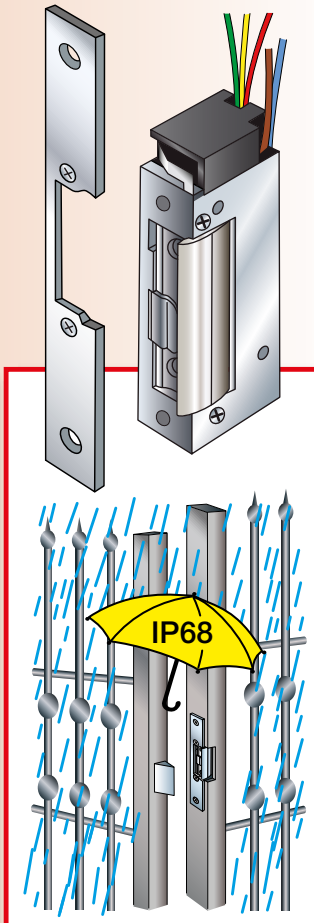
NEW SLIM Series electrical door strike
RECESS-MOUNT VERSION

Here are the 4 versions suitable for any environment

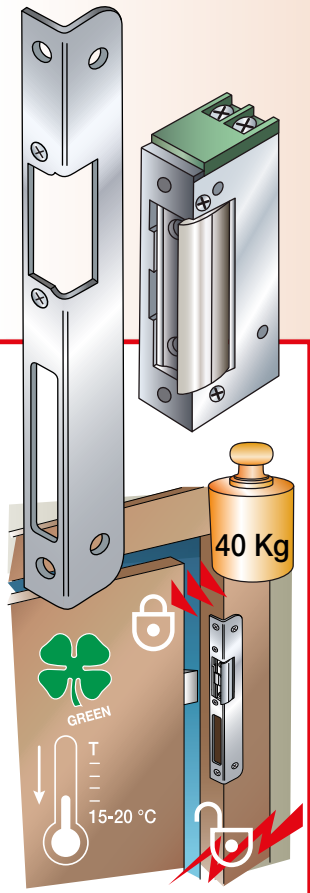
the traditional NEW SLIM electric door strike...



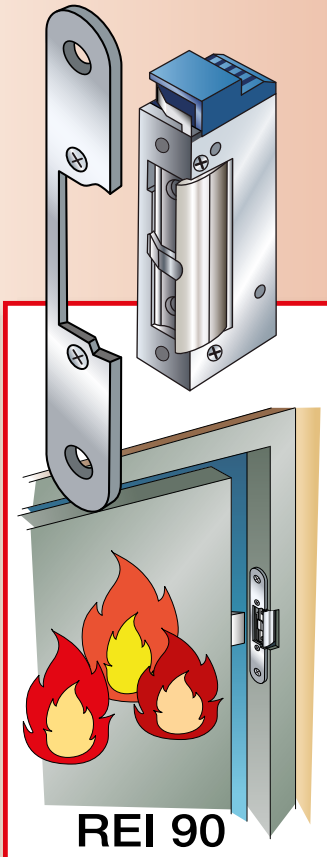
NEW SLIM CLASSIC
version for normal environments.
Suitable for applications on doors of various types and materials.



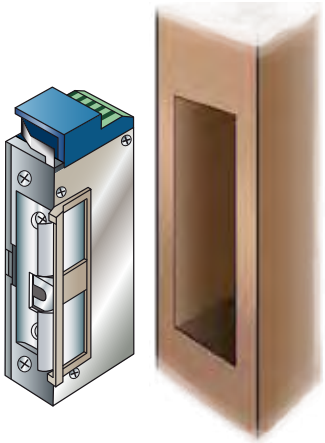
NEW SLIM WATERPROOF
waterproof version for outdoor applications.
Fitted with IP68 rated terminal blocks and electrical connections.



NEW SLIM GREENTRONIX
'intelligent' operation with multifunction microchip:
- anti-preload,
- energy saving,
- anti-coil heating.



NEW SLIM FIRE
fire resistant version REI 90.
For use on smoke and fire doors.



...and the NEW SLIM No Cut version with spring latch guide

which does not require a lateral cut on the frame, which remains intact. When it can be mounted further back and more centrally on the door post frame.

Also available in 4 versions

NEW SLIM Series CLASSIC electrical door strike
Traditional Version

Version for normal environments.
For recess mounting to be combined with specific front plates. (see page 40)

Export Product-list
January 2024

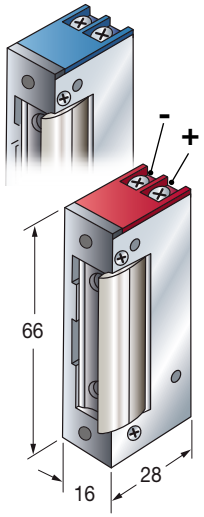
TECNODIMENSIONE®

NEW SLIM CLASSIC

TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE Vdc	CURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	'RR' DOOR STATUS SENSOR 1 SPDT changeover contact	'TD' COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LLEVER 'L' = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	NEW SLIM CLASSIC SERIES	Ordering information MODELS		Q.ty N°
NEW SLIM CLASSIC		**BODIES OF ELECTRIC DOOR STRIKES**											Body only		
Traditional Version															
Version for normal environments.															
Ultra-slim: max 16 mm															
12V	280	●	●	---	●	---	---	■	---	Ra	SLIM 1 RR	**0156J12R**		
24V	140	●	●	---	●	---	---	■	---	Ra	SLIM 1 RR	**0156J14R**		
12V	280	●	---	---	●	---	---	■	---	Rs	SLIM 1	**0150J12R**		
24V	140	●	---	---	●	---	---	■	---	Rs	SLIM 1	**0150J14R**		
12V	280	●	●	---	●	---	---	---	■	Ra	SLIM 3 RR	**0158J12R**		
24V	140	●	●	---	●	---	---	---	■	Ra	SLIM 3 RR	**0158J14R**		
12V	280	●	---	---	●	---	---	---	■	Rs	SLIM 3	**0154J12R**		
24V	140	●	---	---	●	---	---	---	■	Rs	SLIM 3	**0154J14R**		
9÷16Vca	500	○	---	---	●	---	●	---	---	Rs	SLIM 2	**0152J15RA**		
9÷16Vca	500	○	---	---	●	●	●	---	---	Rs	SLIM 2L	**0153J15RA**		

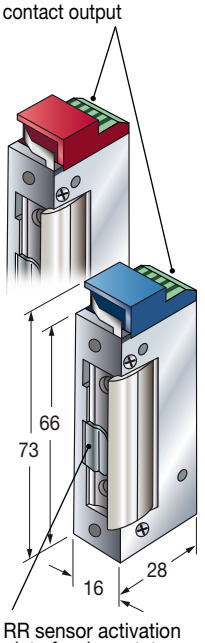
Body only (without RR sensor)



The 'Classic' design is suitable for installation in places with normal environmental conditions.
Ultra-slim, mini-symmetrical and ultra-compact body of just 16 mm for door frames with even small cross-sections.
Designed to be recess mounted. Ideal for providing electrical opening of 'lightweight' doors.
Possibility of controlling the door remotely (see models with RR sensor).

■ The BLUE terminal blocks indicate the FAIL-SECURE version
■ The RED terminal blocks indicate the FAIL-SAFE version

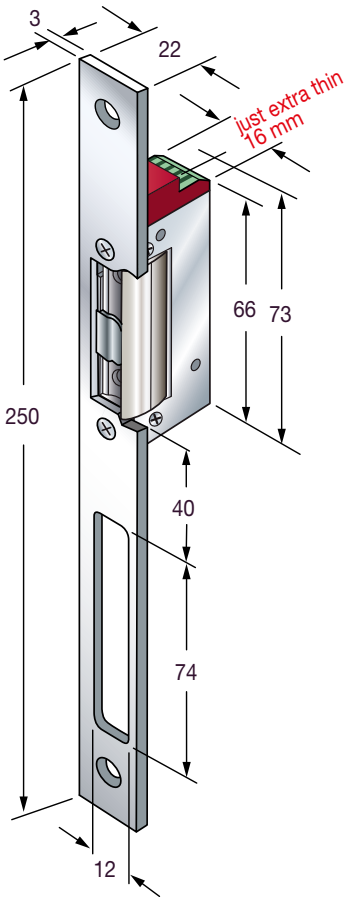
Body only (with RR sensor)
General terminal block with RR sensor contact output



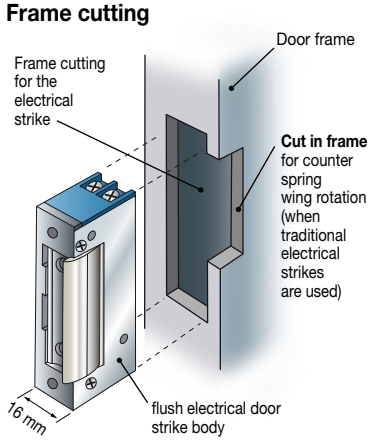
RR sensor activation plate for door status control

(dimensions in mm)

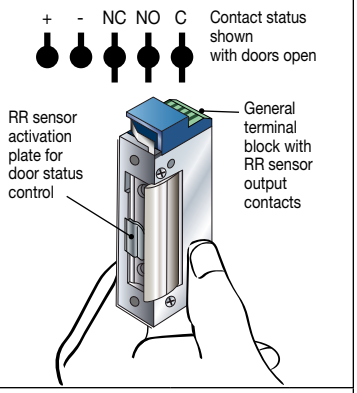
Example of body with long front plate Lp



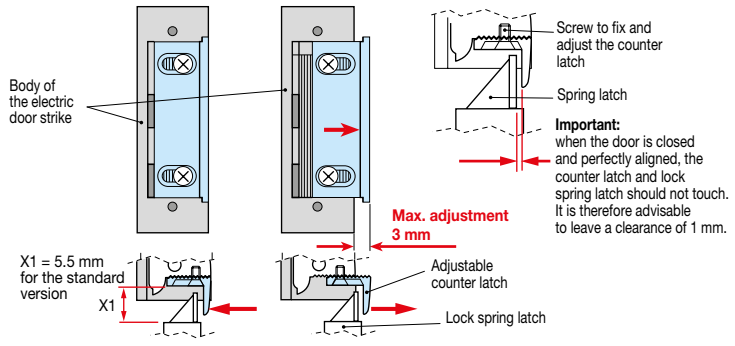
Frame cutting



Door status contact for models with RR sensor



Adjustment of the counter spring wing NEW SLIM CLASSIC



MANDATORY ACCESSORIES
Front plates for the bodies of the NEW SLIM* electrical door strikes* (for technical details and dimensions see the 'Front plates for NEW SLIM Series electrical door strikes' page in the price list)

NEW SLIM Series CLASSIC electrical door strike
CLASSIC No Cut Version with latch guide

No Cut

Version for normal environments.
For recess mounting to be combined with specific front plates. (see page 40)

NEW SLIM CLASSIC No Cut

TECHNICAL SPECIFICATIONS

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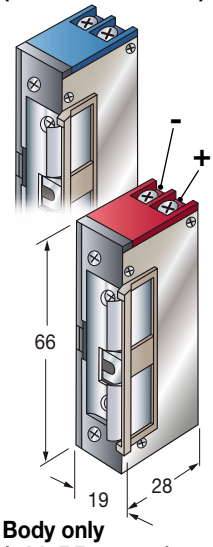
January 2024

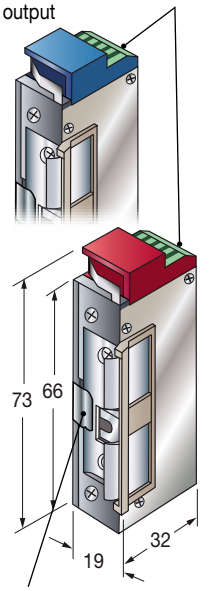
TECNODIMENSIONE®

OPERATING VOLTAGE Vdc	CCURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ❍ = STANDARD COIL	'RR' DOOR STATUS SENSOR 1 SPDT changeover contact	'TD' COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LLEVER 'L' = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	NEW SLIM CLASSIC SERIES	Ordering information MODELS		Q.ty N°
NEW SLIM CLASSIC		**BODIES OF ELECTRIC DOOR STRIKES**											Body only		
No Cut version with latch guide															
Ideal for door frames in which a lateral cut for housing the electrical strike cannot be made.															
12V	280	●	●	---	●	---	---	■	---	Ra	SLIM 1 RR		**0156J12RNC**		
24V	140	●	●	---	●	---	---	■	---	Ra	SLIM 1 RR		**0156J14RNC**		
12V	280	●	---	---	●	---	---	■	---	Rs	SLIM 1		**0150J12RNC**		
24V	140	●	---	---	●	---	---	■	---	Rs	SLIM 1		**0150J14RNC**		
Ultra-slim: max 19 mm															
12V	280	●	●	---	●	---	---	---	■	Ra	SLIM 3 RR		**0158J12RNC**		
24V	140	●	●	---	●	---	---	---	■	Ra	SLIM 3 RR		**0158J14RNC**		
Body only (without RR sensor)															
12V	280	●	---	---	●	---	---	---	■	Rs	SLIM 3		**0154J12RNC**		
24V	140	●	---	---	●	---	---	---	■	Rs	SLIM 3		**0154J14RNC**		
9÷16Vca	500	❍	---	---	●	---	●	---	---	Rs	SLIM 2		**0152J15RANC**		
9÷16Vca	500	❍	---	---	●	●	●	---	---	Rs	SLIM 2L		**0153J15RANC**		



Body only (with RR sensor)

General terminal block with RR sensor contact output



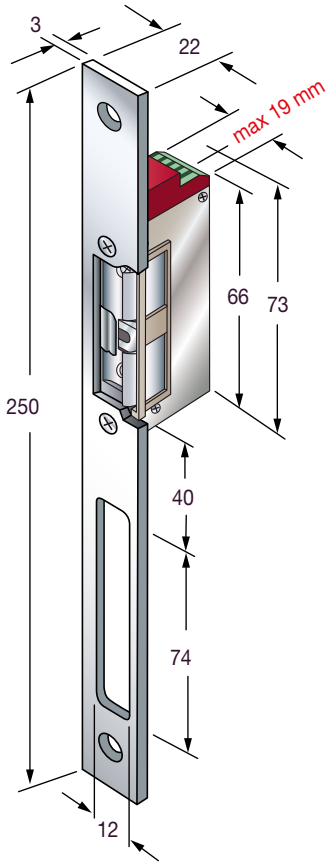
RR sensor activation plate for door status control

(dimensions in mm)

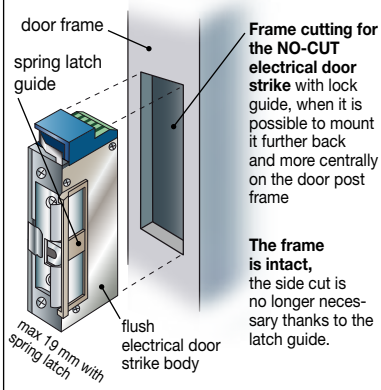
The 'Classic' design is suitable for installation in places with normal environmental conditions.
Ultra-slim, mini-symmetrical and ultra-compact body of just 19 mm for door frames with even small cross-sections.
Designed to be recess mounted. Ideal for providing electrical opening of 'lightweight' doors.
Possibility of controlling the door remotely (see models with RR sensor).
The No Cut version, thanks to the latch guide, is ideal when it is possible to mount it further back and more centrally on the door post frame to avoid having to make a lateral cut for housing the electric strike, and which therefore remains intact (without cutting).

■ The BLUE terminal blocks indicate the FAIL-SECURE version
■ The RED terminal blocks indicate the FAIL-SAFE version

Example of body with long front plate Lp



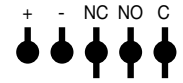
Frame without lateral cut



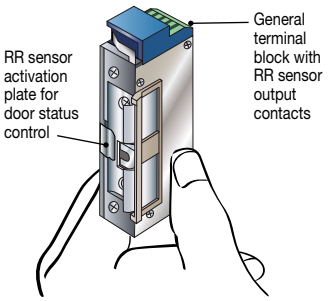
Frame cutting for the NO-CUT electrical door strike with lock guide, when it is possible to mount it further back and more centrally on the door post frame

The frame is intact, the side cut is no longer necessary thanks to the latch guide.

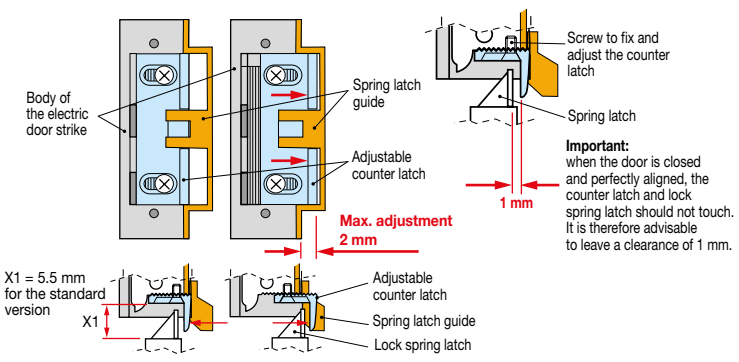
Door status contact for models with RR sensor



Contact status shown with doors open



Adjustment of the counter spring wing NEW SLIM CLASSIC No Cut



MANDATORY ACCESSORIES

Front plates for the bodies of the NEW SLIM* electrical door strikes* (for technical details and dimensions see the 'Front plates for NEW SLIM Series electrical door strikes' page in the price list)

Electrical door strikes NEWSLIM WATERPROOF Series
Traditional Version

"IP68" waterproof version for outdoor applications.
For recess mounting to be combined with specific front plates. (see page 40)

Export Product-list
January 2024

TECNODIMENSIONE®

NEWSLIM WATERPROOF

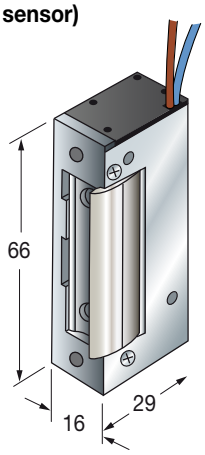
TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE Vdc	CURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	"RR" DOOR STATUS SENSOR 1 SPDT changeover contact	"TD" COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LAT	LLEVER "L" = For mechanical unlatching	I HOLD UP VERSION = with single pulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	NEWSLIM WATERPROOF SERIES	Ordering information MODELS		Q.ty N°
BODIES OF ELECTRIC DOOR STRIKES												Body only		
12V	280	●	●	---	●	---	---	●	---	Ra	SLIM 1 RR	**0156J12RST**		
24V	140	●	●	---	●	---	---	●	---	Ra	SLIM 1 RR	**0156J14RST**		
12V	280	●	---	---	●	---	---	●	---	Rs	SLIM 1	**0150J12RST**		
24V	140	●	---	---	●	---	---	●	---	Rs	SLIM 1	**0150J14RST**		
12V	280	●	●	---	●	---	---	---	●	Ra	SLIM 3 RR	**0158J12RST**		
24V	140	●	●	---	●	---	---	---	●	Ra	SLIM 3 RR	**0158J14RST**		
12V	280	●	---	---	●	---	---	---	●	Rs	SLIM 3	**0154J12RST**		
24V	140	●	---	---	●	---	---	---	●	Rs	SLIM 3	**0154J14RST**		
9÷16Vca	500	○	---	---	●	---	●	---	---	Rs	SLIM 2	**0152J15RAST**		
9÷16Vca	500	○	---	---	●	●	●	---	---	Rs	SLIM 2L	**0153J15RAST**		

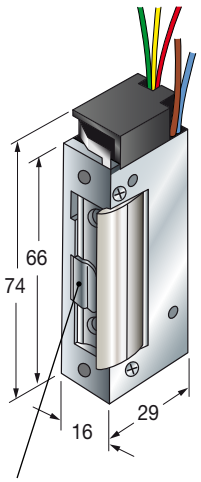
NEWSLIM WATERPROOF
Traditional Version
"IP68" waterproof version for outdoor applications.

Ultra-slim: max 16 mm

body only with 5 impregnated flying leads (with RR sensor)



body only with 5 impregnated flying leads (with RR sensor)

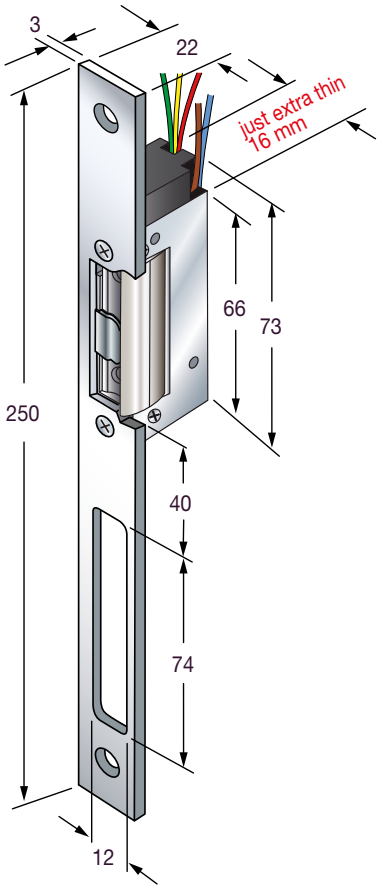


RR sensor activation plate for door status control

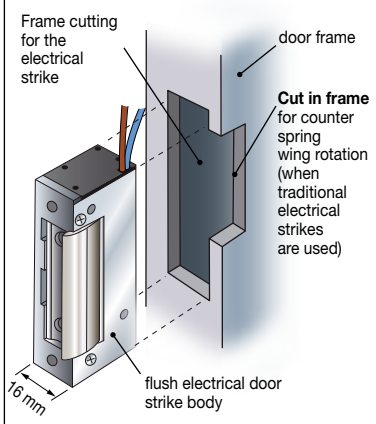
dimensions in mm)

The 'Waterproof' version is also suitable for outdoor installations and gates.
Ultra-slim, mini-symmetrical and ultra-compact body of just 16 mm.
Designed to be recess mounted on door frames with even small cross-sections.
Possibility of controlling the door remotely (see models with RR sensor).
The 'IP68' rating refers to the parts of electrical connections with impregnated flying leads (the moving parts of the mechanisms are IP54 protected).

Example of body with long front plate Lp

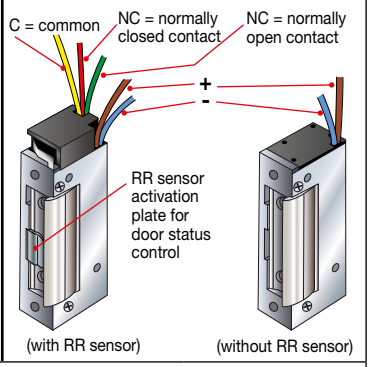


Frame cutting

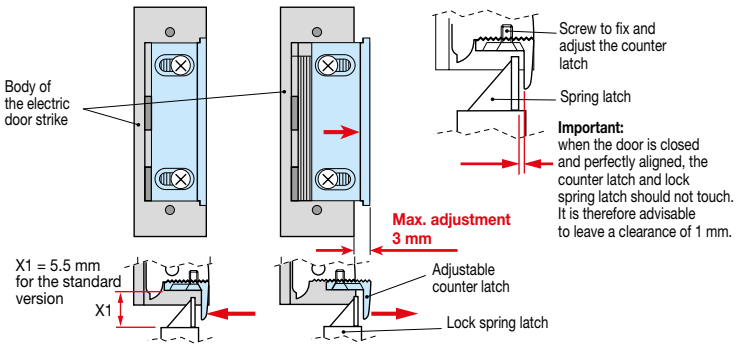


Contactions cables. Door status sensor output contacts

Contact status shown with doors open



Adjustment of the counter spring wing NEWSLIM WATERPROOF



MANDATORY ACCESSORIES
Front plates for the bodies of the NEWSLIM* electrical door strikes* (for technical details and dimensions see the "Front plates for NEWSLIM" Series electrical door strikes page in the price list)

Electrical door strikes NEWSLIM WATERPROOF Series
No Cut Version with latch guide

"IP68" waterproof version for outdoor applications.
For recess mounting to be combined with specific front plates. (see page 40)

NEWSLIM WATERPROOF No Cut

TECHNICAL SPECIFICATIONS

Export Product-list
January 2024

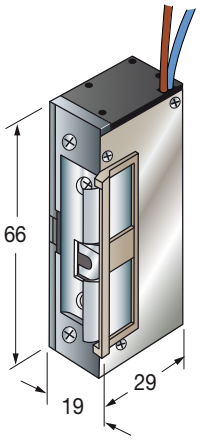
TECNODIMENSIONE®

OPERATING VOLTAGE Vdc	CCURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	"RR" DOOR STATUS SENSOR 1 SPDT changeover contact	"TD" COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LLEVER 'L' = For mechanical unlatching	I HOLD UP VERSION = with single pulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	NEWSLIM WATERPROOF SERIES	Ordering information MODELS		Q.ty N°
BODIES OF ELECTRIC DOOR STRIKES												Body only		
12V	280	●	●	---	●	---	---	●	---	Ra	SLIM 1 RR	**0156J12RSTNC**		
24V	140	●	●	---	●	---	---	●	---	Ra	SLIM 1 RR	**0156J14RSTNC**		
12V	280	●	---	---	●	---	---	●	---	Rs	SLIM 1	**0150J12RSTNC**		
24V	140	●	---	---	●	---	---	●	---	Rs	SLIM 1	**0150J14RSTNC**		
12V	280	●	●	---	●	---	---	---	●	Ra	SLIM 3 RR	**0158J12RSTNC**		
24V	140	●	●	---	●	---	---	---	●	Ra	SLIM 3 RR	**0158J14RSTNC**		
12V	280	●	---	---	●	---	---	---	●	Rs	SLIM 3	**0154J12RSTNC**		
24V	140	●	---	---	●	---	---	---	●	Rs	SLIM 3	**0154J14RSTNC**		
9÷16Vca	500	○	---	---	●	---	●	---	---	Rs	SLIM 2	**0152J15RASTNC**		
9÷16Vca	500	○	---	---	●	●	●	---	---	Rs	SLIM 2L	**0153J15RASTNC**		

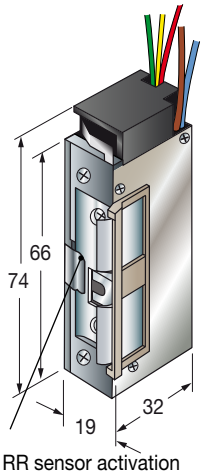
NEWSLIM WATERPROOF
No Cut version with latch guide
Ideal for door frames in which a lateral cut for housing the electrical strike cannot be made.
"IP68" waterproof version for outdoor applications.

Ultra-slim: max 19 mm

body only with 2 impregnated flying leads (without RR sensor)



body only with 5 impregnated flying leads (with RR sensor)

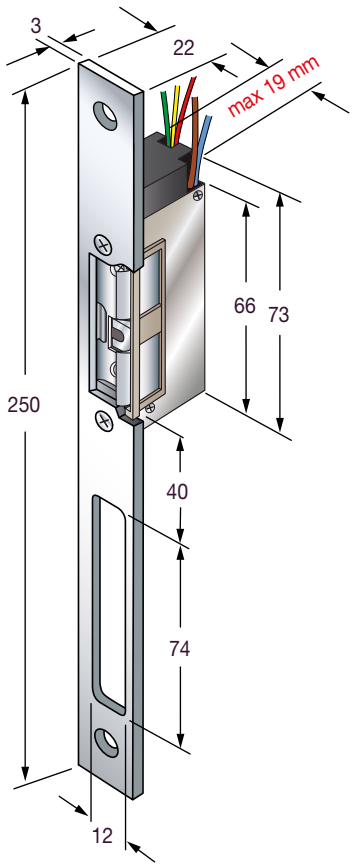


RR sensor activation plate for door status control

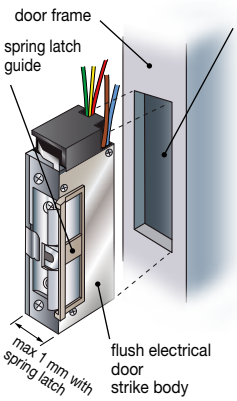
dimensions in mm)

The "Waterproof" No Cut with latch guide' version is also suitable for outdoor installations and gates.
Ultra-slim, mini-symmetrical and ultra-compact body of just 19 mm.
Designed to be recess mounted on door frames with even small cross-sections.
Possibility of controlling the door remotely (see models with RR sensor).
The 'IP68' rating refers to the parts of electrical connections with impregnated flying leads (the moving parts of the mechanisms are IP54 protected).
The No Cut version, thanks to the latch guide, is ideal when it is possible to mount it further back and more centrally on the door post frame to avoid having to make a lateral cut for housing the electric strike, and which therefore remains intact (without cutting).

Example of body with long front plate Lp



Frame without lateral cut

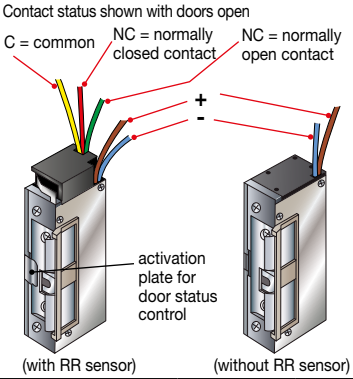


Frame cutting for the NO-CUT electrical door strike with lock guide, when it is possible to mount it further back and more centrally on the door post frame

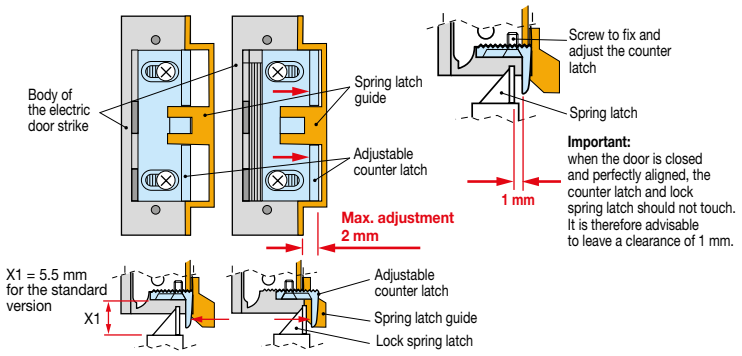
The frame is intact, the side cut is no longer necessary thanks to the latch guide.

Contactions cables. Door status sensor output contacts

Contact status shown with doors open



Adjustment of the counter spring wing NEWSLIM WATERPROOF No Cut

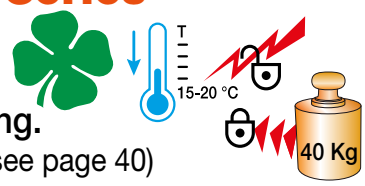


Important: when the door is closed and perfectly aligned, the counter latch and lock spring latch should not touch. It is therefore advisable to leave a clearance of 1 mm.

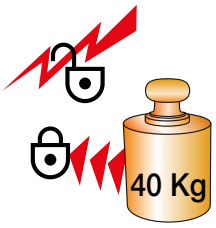
MANDATORY ACCESSORIES
Front plates for the bodies of the NEWSLIM* electrical door strikes* (for technical details and dimensions see the "Front plates for NEWSLIM Series electrical door strikes" page in the price list)

Electrical door strikes NEWSLIM GREENTRONIX Series
Traditional Version

Version for doors subject to preload.
With 'intelligent' microchip that saves energy and prevents heating.
For recess mounting to be combined with specific front plates. (see page 40)

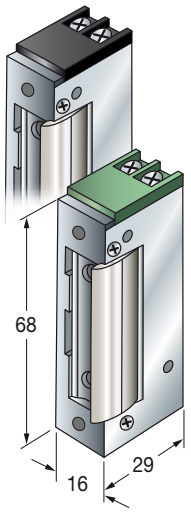


NEWSLIM GREENTRONIX

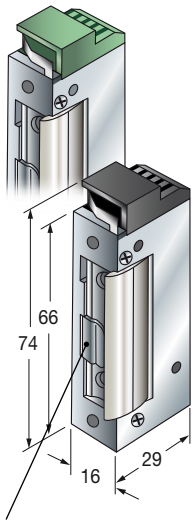


TECHNICAL SPECIFICATIONS

	UNIVERSAL POWER SUPPLY multi-voltage 6-28 Vdc and/or Vac	CONSUMPTION initial peak mA	CONSUMPTION 'GREEN' holding current reduced by 90% mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	'RR' DOOR STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LEVER 'L' = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	■ = FAIL-SECURE = version release with current (green terminal block)	■ = FAIL-SAFE = version release without current (black terminal block)	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left. - S = DIN Right R = Reversible, for surface	NEWSLIM GREENTRONIX SERIES	Export Product-list January 2024 TECNODINAMICA® Ordering information MODELS		Q.ty N°
NEWSLIM GREENTRONIX Traditional Version	Initial peak		-90%	BODIES OF ELECTRIC DOOR STRIKES Energy recovery function of up to 90% (see table below)									Body only		
Version for doors subject to preload.	12V 24V	380 340	40 20	●	●	●	---	---	■	---	Ra	SLIM 1 RR	**0156JURE**		
Ultra-slim: max 16 mm	12V 24V	380 340	40 20	●	---	●	---	---	■	---	Rs	SLIM 1	**0150JURE**		
Body only (without RR sensor)	12V 24V	380 340	40 20	●	●	●	---	---	---	■	Ra	SLIM 3 RR	**0158JURE**		
	12V 24V	380 340	40 20	●	---	●	---	---	---	■	Rs	SLIM 3	**0154JURE**		
	6÷28Vca 6÷28Vca	380 340	40 20	○ ○	--- ---	● ●	--- ●	● ●	--- ---	--- ---	Rs Rs	SLIM 2 SLIM 2L	**0152JURE** **0153JURE**		



Body only (with RR sensor)



RR sensor activation plate for door status control

(dimensions in mm)

The 'Greentronix' version is ideal for doors subject to preload. It is the only one of its kind that incorporates a smart microchip. When the open door command is given (via a button, badge reader and/or a keyboard), a very short buzz (0.2 sec.) is emitted automatically (the sound is muted to less than 70-75 dB).

The following innovative advantages are achieved:

The mechanisms are released without jamming, unlocking the leaf when opening, even if it is subject to a thrust pressure (preload) of up to 400NW (40 kg) at the same time.

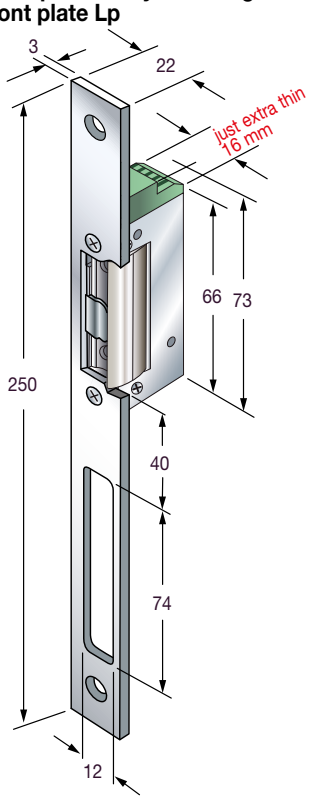
Energy recovery function of up to 90% (see table below ✤).

When permanently powered, the body of the electric strike does not heat up, it remains at ambient temperature.

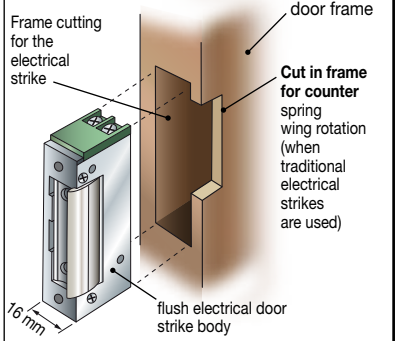
Ultra-slim, mini-symmetrical and ultra-compact body of just 16 mm for door frames with even small cross-sections. Designed to be recess mounted. Ideal for providing electrical opening of 'lightweight' doors. Possibility of controlling the door remotely (see models with RR sensor).

■ The GREEN terminal blocks indicate the FAIL-SECURE version
■ The BLACK terminal blocks indicate the FAIL-SAFE version

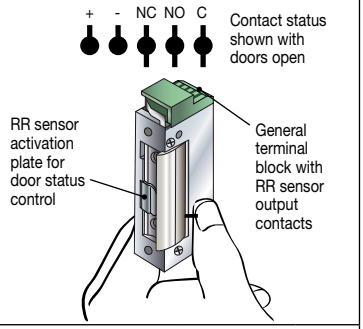
Example of body with long front plate Lp



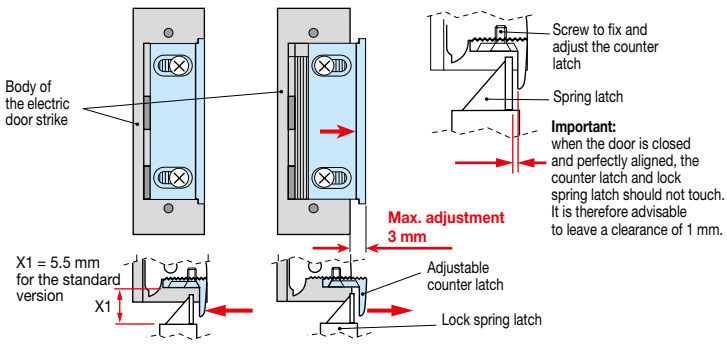
Frame without lateral cut



Door status contact for models with RR sensor



Adjustment of the counter spring wing NEWSLIM GREENTRONIX

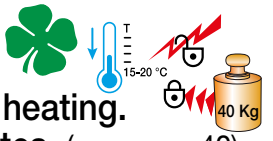


MANDATORY ACCESSORIES

Front plates for the bodies of the NEWSLIM* electrical door strikes* (for technical details and dimensions see the 'Front plates for NEWSLIM Series electrical door strikes' page in the price list)

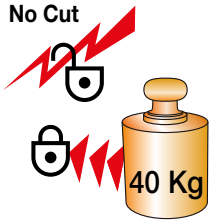
Electrical door strikes NEWSLIM GREENTRONIX Series

No Cut Version with latch guide



Version for doors subject to preload.
With 'intelligent' microchip that saves energy and prevents heating.
For recess mounting to be combined with specific front plates. (see page 40)

NEWSLIM GREENTRONIX No Cut



TECHNICAL SPECIFICATIONS

Export Product-list
January 2024

TECNODINAMICA®

UNIVERSAL POWER SUPPLY multi-voltage 6-28 Vdc and/or Vac	CONSUMPTION initial peak mA	CONSUMPTION 'GREEN' holding current reduced by 90% mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	'RR' DOOR STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LEVER 'L' = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	■ = FAIL-SECURE = version release with current (green terminal block)	■ = FAIL-SAFE = version release without current (black terminal block)	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left. - S = DIN Right R = Reversible, for surface	NEWSLIM GREENTRONIX SERIES	Ordering information MODELS		Q.ty N°
BODIES OF ELECTRIC DOOR STRIKES Energy recovery function of up to 90% (see table below)	Initial peak	-90%											Body only	
12V 24V	380 340	40 20	●	●	●	---	---	■	---	Ra	SLIM 1 RR		**0156JURENC**	
12V 24V	380 340	40 20	●	---	●	---	---	■	---	Rs	SLIM 1		**0150JURENC**	
12V 24V	380 340	40 20	●	●	●	---	---	---	■	Ra	SLIM 3 RR		**0158JURENC**	
12V 24V	380 340	40 20	●	---	●	---	---	---	■	Rs	SLIM 3		**0154JURENC**	
6÷28Vca 6÷28Vca	380 340	40 20	○ ○	--- ---	● ●	--- ●	● ●	--- ---	--- ---	Rs Rs	SLIM 2 SLIM 2L		**0152JURENC 0153JURENC**	

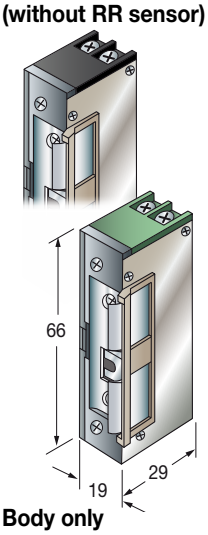
NEWSLIM GREENTRONIX

No Cut version with latch guide

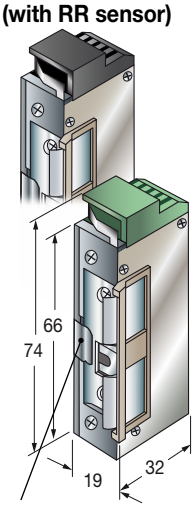
Ideal for doors subject to preload with frames in which a lateral cut for housing the electrical strike cannot be made.

Ultra-slim: max 19 mm

Body only (without RR sensor)



Body only (with RR sensor)



RR sensor activation plate for door status control

(dimensions in mm)

The 'Greentronix' version is ideal for doors subject to preload. It is the only one of its kind that incorporates a smart microchip. When the open door command is given (via a button, badge reader and/or a keyboard), a very short buzz (0.2 sec.) is emitted automatically (the sound is muted to less than 70-75 dB).

The following innovative advantages are achieved:

The mechanisms are released without jamming, unlocking the leaf when opening, even if it is subject to a thrust pressure (preload) of up to 400NW (40 kg) at the same time.

Energy recovery function of up to 90% (see table below ✤).

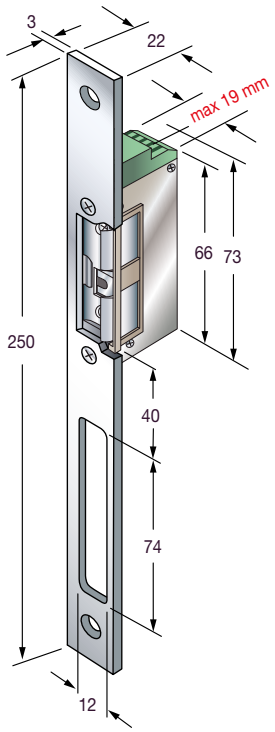
When permanently powered, the body of the electric strike does not heat up, it remains at ambient temperature.

The No Cut version, thanks to the latch guide, is ideal when it is possible to mount it further back and more centrally on the door post frame to avoid having to make a lateral cut for housing the electric strike, and which therefore remains intact (without cutting).

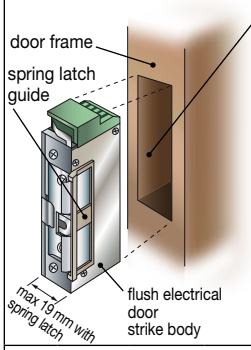
Ultra-slim, mini-symmetrical and ultra-compact body of just 19 mm for door frames with even small cross-sections.
Designed to be recess mounted. Ideal for providing electrical opening of 'lightweight' doors.
Possibility of controlling the door remotely (see models with RR sensor).

■ The GREEN terminal blocks indicate the FAIL-SECURE version
■ The BLACK terminal blocks indicate the FAIL-SAFE version

Example of body with long front plate Lp



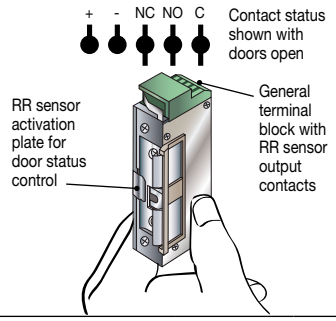
Frame without lateral cut



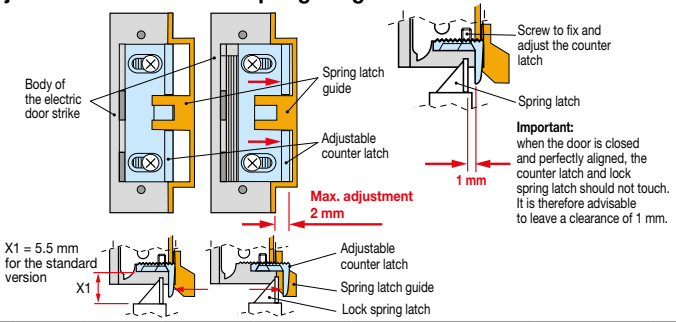
Frame cutting for the NO-CUT electrical door strike with lock guide, when it is possible to mount it further back and more centrally on the door post frame

The frame is intact, the side cut is no longer necessary thanks to the latch guide.

Door status contact for models with RR sensor



Adjustment of the counter spring wing NEWSLIM GREENTRONIX No Cut



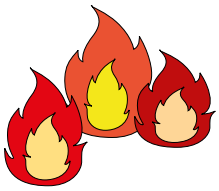
MANDATORY ACCESSORIES

Front plates for the bodies of the NEWSLIM* electrical door strikes* (for technical details and dimensions see the 'Front plates for NEWSLIM Series electrical door strikes' page in the price list)

Electrical door strikes NEWSLIM FIRE Series
Traditional Version

‘REI 90’ version for smoke and fire doors.
For recess mounting to be combined with specific front plates. (see page 40)

NEWSLIM FIRE



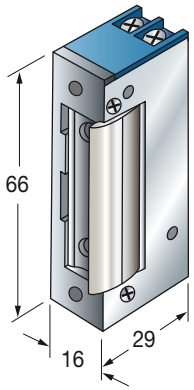
TECHNICAL SPECIFICATIONS

Export Product-list
January 2024

TECNODIMENSIONE®

	OPERATING VOLTAGE Vdc	CCURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	‘RR’ DOOR STATUS SENSOR 1 SPDT changeover contact	‘TD’ COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LLEVER ‘L’ = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	■ = FAIL-SECURE = version release with current	❑ FAIL-SAFE = version release without current (not available)	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	SERIE NEWSLIM FIRE	Ordering information MODELS		Q.ty N°
NEWSLIM FIRE Traditional Version ‘REI 90’ version for smoke and fire doors. **Ultra-slim: max 16 mm**	BODIES OF ELECTRIC DOOR STRIKES												Body only		
	12V	280	●	●	---	●	---	---	■	❑	Ra	SLIM 1 RR	**0156J12R90**		
	24V	140	●	●	---	●	---	---	■	❑	Ra	SLIM 1 RR	**0156J14R90**		
	12V	280	●	---	---	●	---	---	■	❑	Rs	SLIM 1	**0150J12R90**		
	24V	140	●	---	---	●	---	---	■	❑	Rs	SLIM 1	**0150J14R90**		

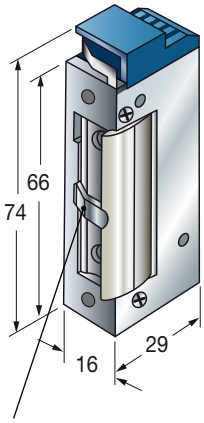
Body only (without RR sensor)



The SLIM FIRE version is designed for smoke and fire doors. This ‘Fire’ door version is REI 90 tested according to the harmonised European standard EN 14846: 2008, and is designed to be incorporated in doors with a similar fire resistance rating.
The final certification of the door is the responsibility of the door manufacturer, who does this by means of an 'incorporation' procedure for the various components mounted on the door.
Remember that fire door regulations specify that the door has to remain closed even in the event of a power failure for ‘compartmentalization’ (insulation between one room and another) reasons.
The NEWSlim FIRE Electric Door Strikes are therefore only available in the ‘file-secure’ version. Ultra-slim, mini-symmetrical and ultra-compact body of just 16 mm for door frames with even small cross-sections.
Designed to be recess mounted. Ideal for providing electrical opening of ‘lightweight’ doors. Possibility of controlling the door remotely (see models with RR sensor).

■ The GREEN terminal blocks indicate the FAIL-SECURE version
❑ Not available in the FAIL-SAFE version

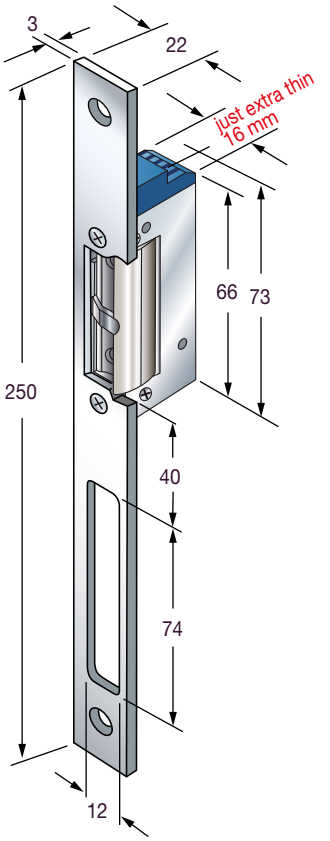
Body only (with RR sensor)



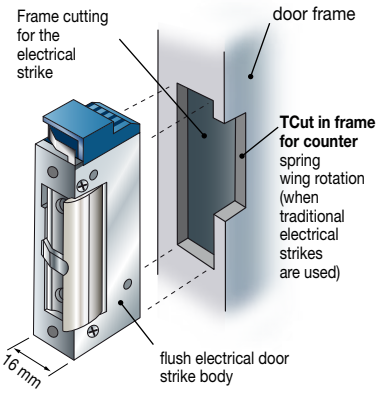
RR sensor activation plate for door status control

(dimensions in mm)

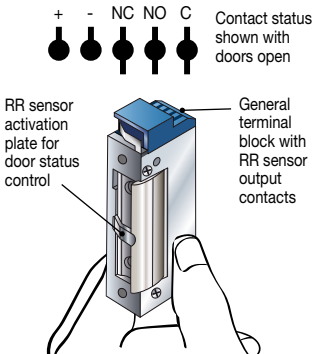
Example of body with long front plate Lp



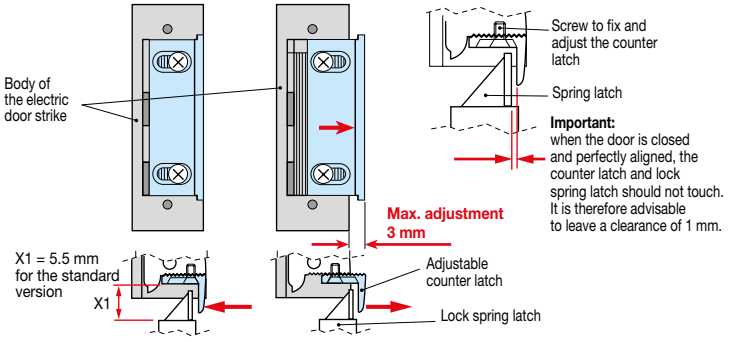
Frame without lateral cut



Door status contact for models with RR sensor



Adjustment of the counter spring wing NEWSLIM FIRE



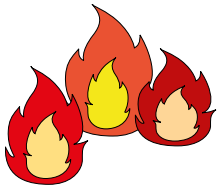
MANDATORY ACCESSORIES

Front plates for the bodies of the NEWSLIM* electrical door strikes* (for technical details and dimensions see the ‘Front plates for NEWSLIM Series electrical door strikes’ page in the price list)

Electrical door strikes NEWSLIM FIRE Series
No Cut Version with latch guide

‘REI 90’ version for smoke and fire doors.
For recess mounting to be combined with specific front plates. (see page 40)

NEWSLIM FIRE
No Cut



TECHNICAL SPECIFICATIONS

Export Product-list
January 2024

TECNODIMENSIONE®

OPERATING VOLTAGE Vdc	CCURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	‘RR’ DOOR STATUS SENSOR 1 SPDT changeover contact	‘TD’ COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LLEVER ‘L’ = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	■ = FAIL-SECURE = version release with current	❑ FAIL-SAFE = version release without current (not available)	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	SERIE NEWSLIM FIRE	Ordering information MODELS		Q.ty N°
BODIES OF ELECTRIC DOOR STRIKES												Body only		
12V 24V	280 140	● ●	● ●	--- ---	● ●	--- ---	--- ---	■ ■	❑ ❑	Ra Ra	SLIM 1 RR SLIM 1 RR	**0156J12R90NC** **0156J14R90NC**		
12V 24V	280 140	● ●	--- ---	--- ---	● ●	--- ---	--- ---	■ ■	❑ ❑	Rs Rs	SLIM 1 SLIM 1	**0150J12R90NC** **0150J14R90NC**		

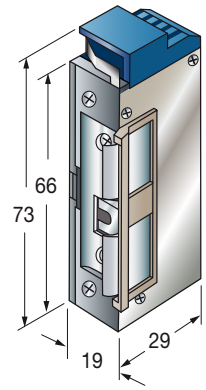
NEWSLIM FIRE
No Cut version with latch guide

Ideal for doors with frames in which a lateral cut for housing the electrical strike cannot be made.

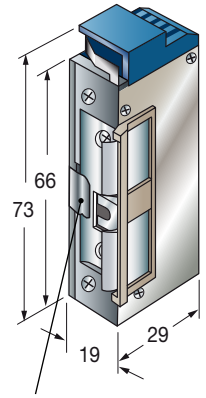
‘REI 90’ version for smoke and fire doors.

Ultra-slim: max 19 mm

Body only (without RR sensor)



Body only (with RR sensor)



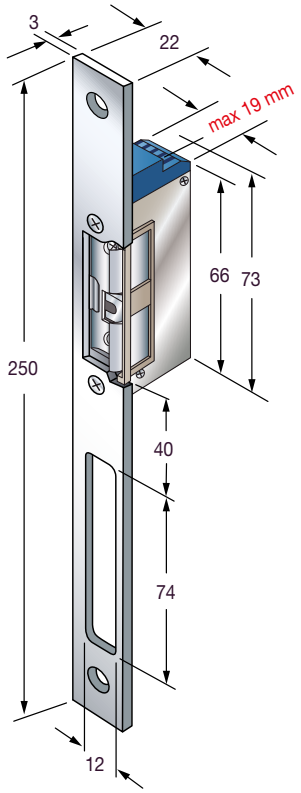
RR sensor activation plate for door status control

(dimensions in mm)

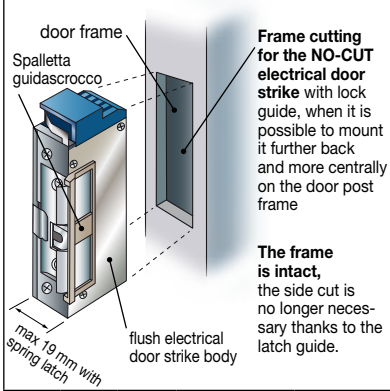
The SLIM FIRE version is designed for smoke and fire doors. This ‘Fire’ door version is REI 90 tested according to the harmonised European standard EN 14846: 2008, and is designed to be incorporated in doors with a similar fire resistance rating. The final certification of the door is the responsibility of the door manufacturer, who does this by means of an 'incorporation' procedure for the various components mounted on the door.
a power failure for ‘compartmentalization’ (insulation between one room and another) reasons.
The NEWSlim FIRE Electric Door Strikes are therefore only available in the ‘file-secure’ version. Ultra-slim, mini-symmetrical and ultra-compact body of just 19 mm for door frames with even small cross-sections.
Designed to be recess mounted. Ideal for providing electrical opening of ‘lightweight’ doors. Possibility of controlling the door remotely (see models with RR sensor). **The No Cut version, thanks to the latch guide, is ideal when it is possible to mount it further back and more centrally on the door post frame to avoid having to make a lateral cut for housing the electric strike, and which therefore remains intact (without cutting).**

■ The GREEN terminal blocks indicate the FAIL-SECURE version
❑ Not available in the FAIL-SAFE version

Example of body with long front plate Lp



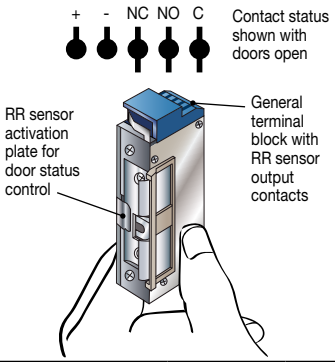
Frame without lateral cut



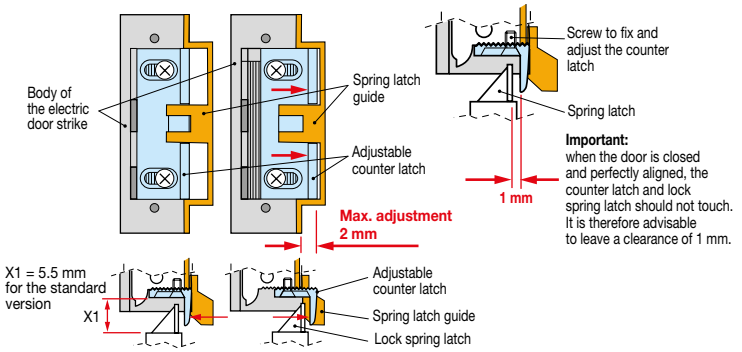
Frame cutting for the NO-CUT electrical door strike with lock guide, when it is possible to mount it further back and more centrally on the door post frame

The frame is intact, the side cut is no longer necessary thanks to the latch guide.

Door status contact for models with RR sensor



Adjustment of the counter spring wing NEWSLIM FIRE No Cut



Important: when the door is closed and perfectly aligned, the counter latch and lock spring latch should not touch. It is therefore advisable to leave a clearance of 1 mm.

MANDATORY ACCESSORIES

Front plates for the bodies of the NEWSLIM* electrical door strikes* (for technical details and dimensions see the ‘Front plates for NEWSLIM Series electrical door strikes’ page in the price list)

Front plates for bodies of NEWSLIM Series Electrical Door Strikes

for all 4 versions of both types, Traditional and No Cut.

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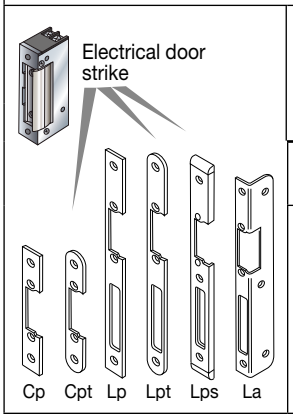
TECNODIMENSIONE®

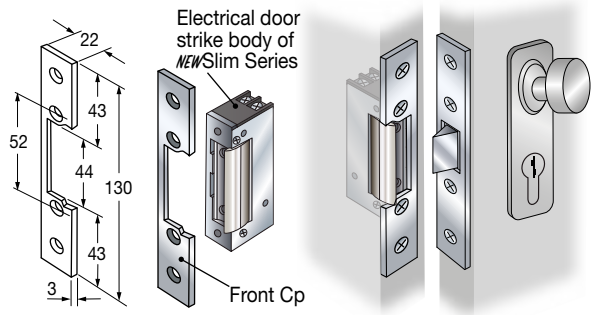


MANDATORY ACCESSORIES

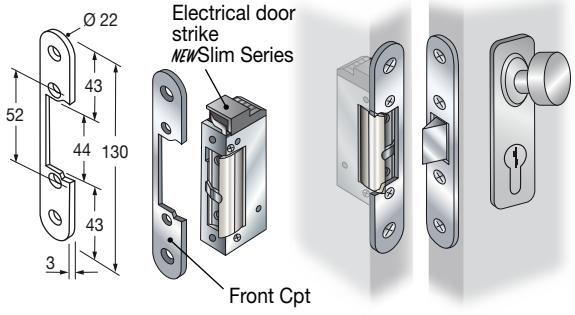
(front plates to be mounted on the relevant electric strike bodies)

FORMAT	DIMENSIONS mm	PITCH mm	FIXING	MATERIAL	COLOUR	Ordering information MODELS Front only		Q.ty N°
Cp=short, flat plate	22x130	---	Reversibile	Inox	Satin finish	**010J27RX**		
Cpt=short, round flat plate	22x130	---	Reversibile	Inox	Satin finish	**010J28RX**		
Lp=long, flat plate	22x250	40	Reversibile	Inox	Satin finish	**010J29RX**		
Lpt=long, round flat plate	22x250	40	Reversibile	Inox	Satin finish	**010J30RX**		
Lps=with added thickness	24x244x6	33	D/S ?	Inox	Satin finish	**010J23X(D/S)**		
La= long, angular plates	228x19x32,5	33	D/S ?	Inox	Satin finish	**010J25X(D/S)**		

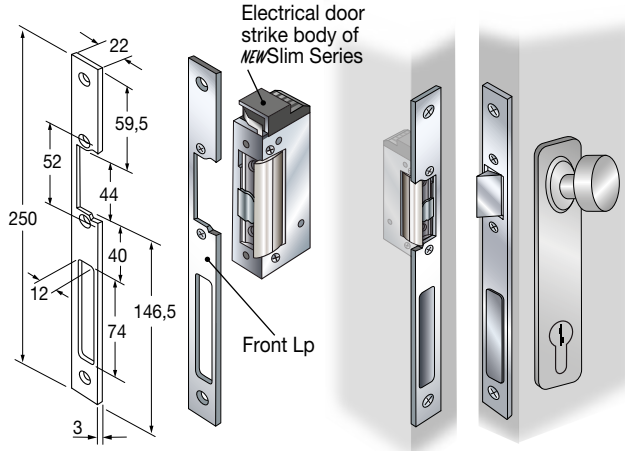
Cod. 010J27RX = **Cp** = short flat front plate with sharp edges.
Example of application for 'latch only' lock (without deadbolt).



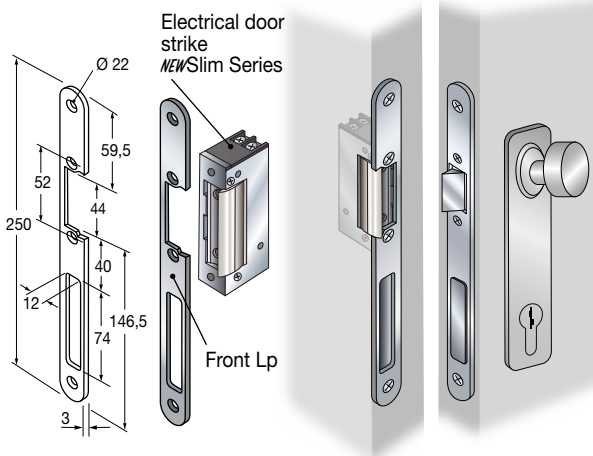
Cod. 010J28RX = **Cpt** = short flat front plate with rounded edges.
Example of application for 'latch only' lock (without deadbolt).



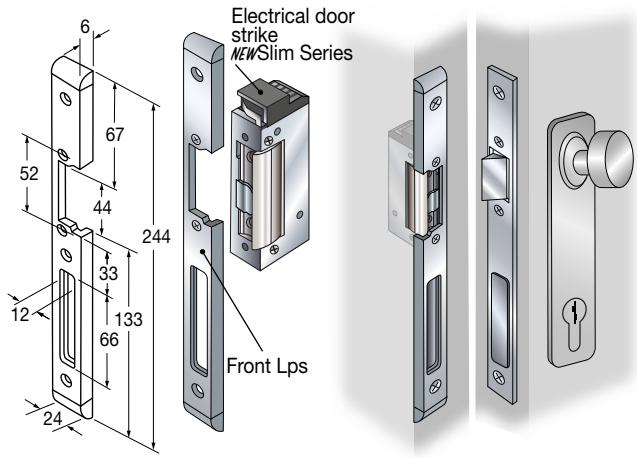
Cod. 010J29RX = **Lp** = long flat front plate with sharp edges.
Example of application for 'spring latch' and 'deadbolt' lock.



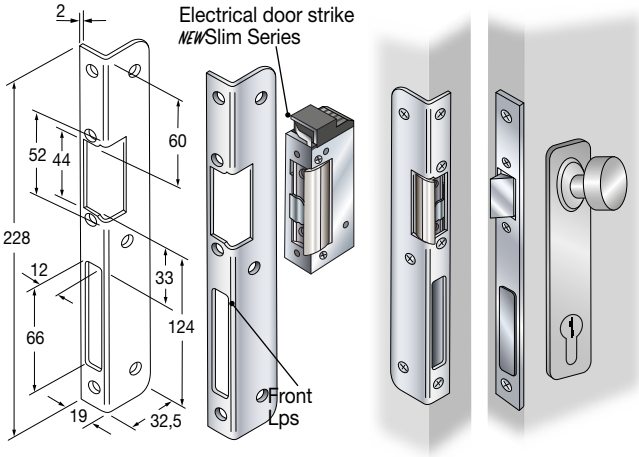
Cod. 010J30RX = **Lpt** = long flat front plate with rounded edges.
Example of application for 'spring latch' and 'deadbolt' lock.



Cod. 010J23X(D/S) = **Lps** = long extra thickness front.
Example of application for 'spring latch' and 'deadbolt' lock.

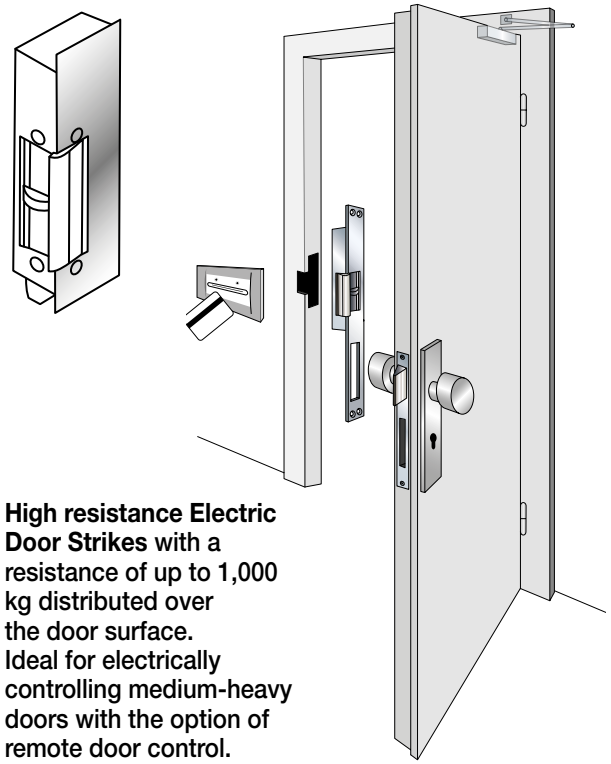


Cod. 010J25X(D/S) = **La** = flong angular front plate with rounded edges.
Example of application for 'Spring latch' and 'deadbolt' lock.



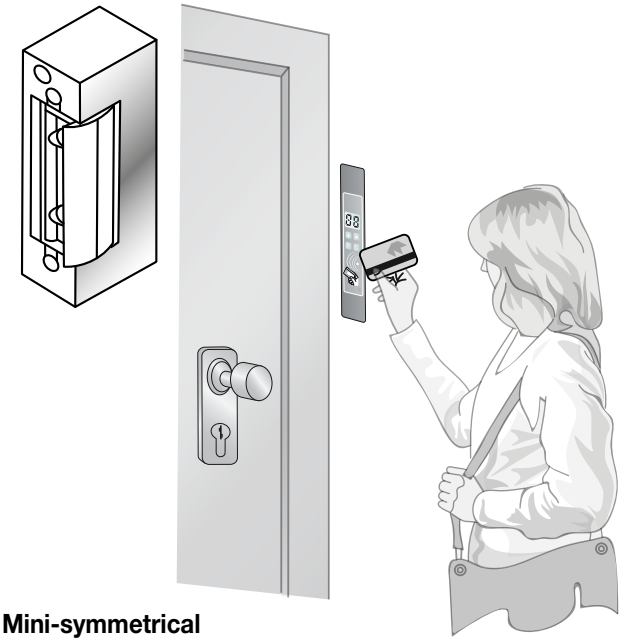
THE TRADITION CONTINUA...
with the same high quality as always!
professional electrical door strikes

Series PRO



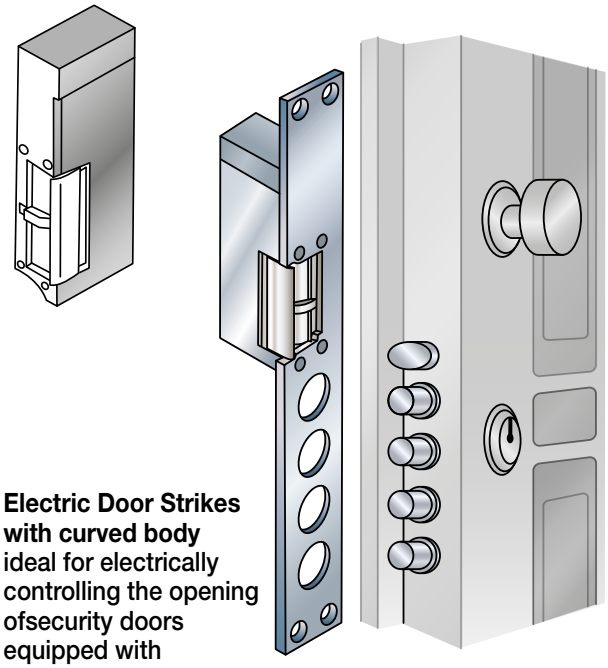
High resistance Electric Door Strikes with a resistance of up to 1,000 kg distributed over the door surface.
Ideal for electrically controlling medium-heavy doors with the option of remote door control.

Series SIM



Mini-symmetrical Electric Door Strikes.
Ideal for electrically controlling room doors in hotels, residences, offices, etc. with electronic opening control.

Series NEW ARCUS



Electric Door Strikes with curved body ideal for electrically controlling the opening ofsecurity doors equipped with mechanical latch locks with multiple round deadbolts.

Series PA

Electric Door Strikes for panic bars to be applied, with external mechanism with a 'curved' crescent shaped spring latch.
Ideal for 'electrically controlling' panic bar doors that can only be opened from the outside by authorised persons.

Series PRO - Professional electrical door strikes

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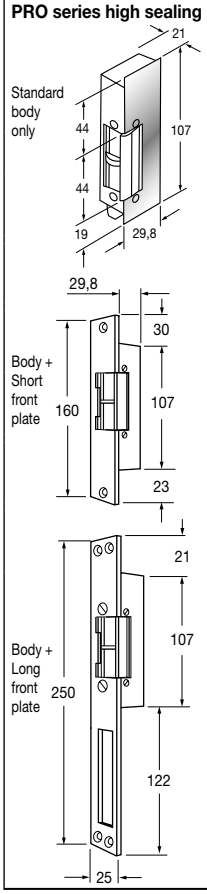
TECNODINAMENSIONE®

TECHNICAL SPECIFICATIONS
Recess-mounting models.

OPERATING VOLTAGE Vdc	CURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	"RR" DOOR STATUS SENSOR 1 SPDT changeover contact	"TD" COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LEVER "L" = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left. - S = DIN Right R = Reversible, for surface	SERIES PRO	Ordering information MODELS		Q.ty N°

PRO series high sealing

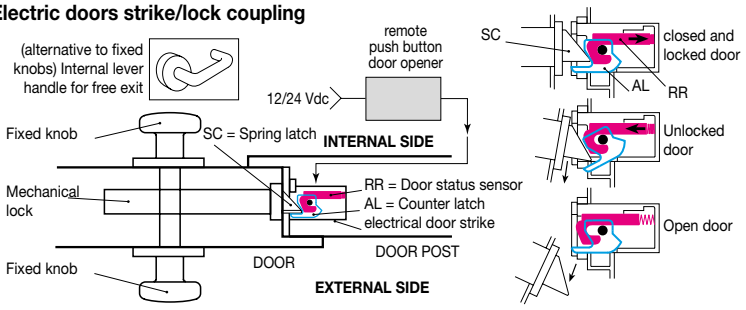


Series PRO professional electrical door strikes, with medium-high. Able to withstand pressures up to 700 kg (getting destroyed). Able to withstand pressures up to 500 kg without suffering damages.
Ideal to electrically and remotely control medium-heavy doors.

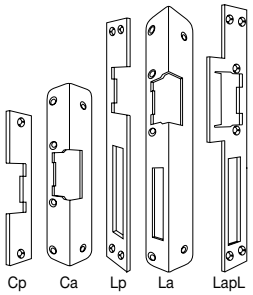
BODIES OF ELECTRIC DOOR STRIKES WITHOUT FRONT PLATES (see Front plate below)

												Body only
12V	200	●	●	---	---	---	---	●	---	Ra	PRO 1 RR	**0146J02R5**
24V	150	●	●	---	---	---	---	●	---	Ra	PRO 1 RR	**0146J04R5**
12V	200	●	●	●	---	---	---	●	---	Ra	PRO 1 TD	**0147J02R5**
24V	150	●	●	●	---	---	---	●	---	Ra	PRO 1 TD	**0147J04R5**
12V	200	●	---	---	---	---	---	●	---	Ra	PRO 1	**0140J02R4**
24V	150	●	---	---	---	---	---	●	---	Ra	PRO 1	**0140J04R4**
12V	200	●	●	---	---	---	---	---	●	Ra	PRO 3 RR	**0148J02R5**
24V	150	●	●	---	---	---	---	---	●	Ra	PRO 3 RR	**0148J04R5**
12V	200	●	●	●	---	---	---	---	●	Ra	PRO 3 TD	**0149J02R5**
24V	150	●	●	●	---	---	---	---	●	Ra	PRO 3 TD	**0149J04R5**
12V	200	●	---	---	---	---	---	---	●	Ra	PRO 3	**0144J02R4**
24V	150	●	---	---	---	---	---	---	●	Ra	PRO 3	**0144J04R4**

Electric doors strike/lock coupling



Mandatory ACCESSORIES

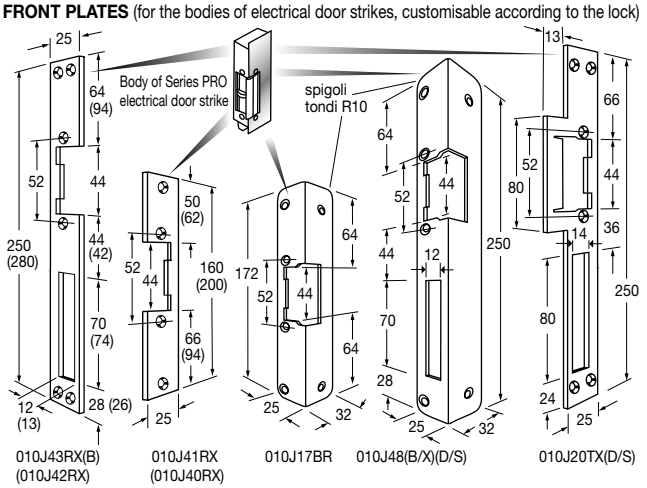


FRONT PLATES for the bodies of series PRO electrical door strikes

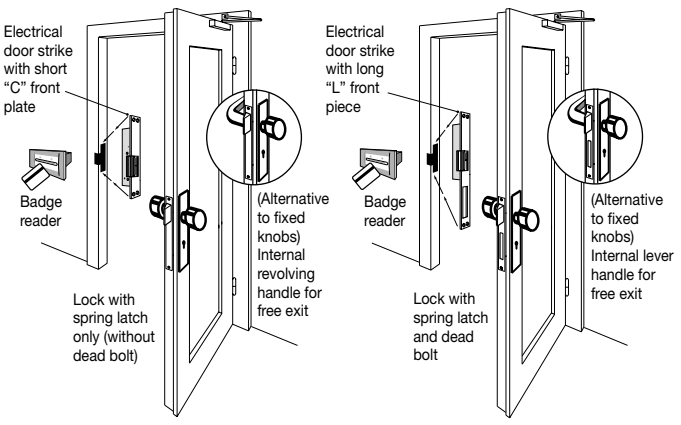
FORMAT	DIM. mm	PITCH	FIXING	MATERIAL	COLOUR	Front plate only
Lp=Long, flat plate	25x250	44	Reversible	Stainless steel	Satin finish	**010J43RX**
Lp=Long, flat plate	25x250	44	Reversible	Stainless steel	Brass finish, mirror	**010J43RXB**
Lp=Long, flat plate	25x280	42	Reversible	Stainless steel	Satin finish	**010J42RX**
Cp=Long, flat plate	25x160	---	Reversible	Stainless steel	Satin finish	**010J41RX**
Cp=Long, flat plate	25x200	---	Reversible	Stainless steel	Satin finish	**010J40RX**
Ca=Short, angular	32x25x172	---	Reversible	Painted metal	B=gold	**010J17BR**
La=Long, angular	32x25x250	44	RHD/LHX ?	Painted metal	B=gold	**010J48B(D/S)**
La=Long, angular	32x25x250	44	RHD/LHX ?	Stainless steel	Satin finish	**010J48X(D/S)**
LapL=Long, flat, with lip	25/38x250	44	RHD/LHX ?	Stainless steel	Satin finish	**010J20TX(D/S)**

Customised front plates for specific applications available on demand. Prices and quantities to be agreed.

FRONT PLATES (for the bodies of electrical door strikes, customisable according to the lock)



EXAMPLES OF APPLICATIONS



Series FIRE PRO - Professional electrical door strikes for fire doors

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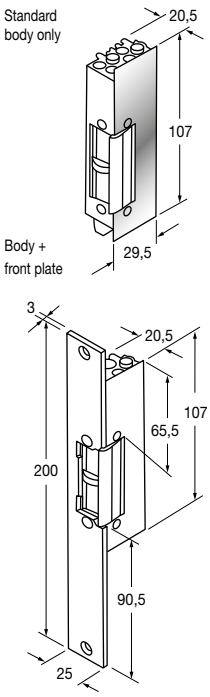
TECNODINAMENSIONE®

High pressure resistance models for fire doors up to REI120

TECHNICAL SPECIFICATIONS
Recess-mounting models.

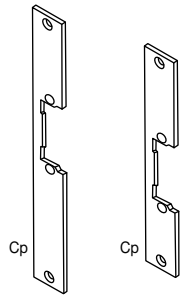
FIRE PRO for fire doors



This advanced model of series PRO electrical door strikes is specifically designed for REI120 fire doors, that are designed to withstand fire for a maximum of 120 minutes, to provide a high pressure resistance a maximum up to of 1000 kg (10KNw).
The final certification of the door is the responsibility of the door manufacturer, who does this by means of an 'incorporation' procedure for the various components mounted on the door.

OPERATING VOLTAGE Vdc	CURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	"RR" DOOR STATUS SENSOR 1 SPDT changeover contact	"TD" COIL STATUS SENSOR 1 SPDT changeover contact	A ADJUSTABLE COUNTER LATCH	LEVER "L" = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = "version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	SERIES FIRE PRO	Ordering information MODELS		Q.ty N°
BODIES OF ELECTRIC DOOR STRIKES WITHOUT FRONT PLATES (see Front plates below)													Body only		
12V	200	●	●	---	---	---	---	●	---	D	FIRE PRO 1 RR	**0126J02D**		
12V	200	●	●	---	---	---	---	●	---	S	FIRE PRO 1 RR	**0126J02S**		
24V	150	●	●	---	---	---	---	●	---	D	FIRE PRO 1 RR	**0126J04D**		
24V	150	●	●	---	---	---	---	●	---	S	FIRE PRO 1 RR	**0126J04S**		
12V	200	●	---	---	---	---	---	●	---	D	FIRE PRO 1	**0120J02D**		
12V	200	●	---	---	---	---	---	●	---	S	FIRE PRO 1	**0120J02S**		
24V	150	●	---	---	---	---	---	●	---	D	FIRE PRO 1	**0120J04D**		
24V	150	●	---	---	---	---	---	●	---	S	FIRE PRO 1	**0120J04S**		
12V	200	●	●	---	---	---	---	---	●	D	FIRE PRO 3 RR	**0128J02D**		
12V	200	●	●	---	---	---	---	---	●	S	FIRE PRO 3 RR	**0128J02S**		
24V	150	●	●	---	---	---	---	---	●	D	FIRE PRO 3 RR	**0128J04D**		
24V	150	●	●	---	---	---	---	---	●	S	FIRE PRO 3 RR	**0128J04S**		
12V	200	●	---	---	---	---	---	---	●	D	FIRE PRO 3	**0124J02D**		
12V	200	●	---	---	---	---	---	---	●	S	FIRE PRO 3	**0124J02S**		
24V	150	●	---	---	---	---	---	---	●	D	FIRE PRO 3	**0124J04D**		
24V	150	●	---	---	---	---	---	---	●	S	FIRE PRO 3	**0124J04S**		

Mandatory ACCESSORIES

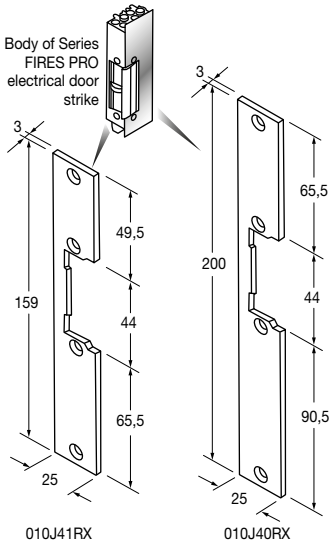


FRONT PLATES for the bodies of series FIRES PRO electrical door strikes

FORMAT	DIM. mm	PITCH mm	FIXING	MATERIAL	COLOUR	Front plate only		
Cp=Short, flat plate	25X200	---	Reversible	Stainless steel	Satin finish	**010J40RX**		
Cp=Short, flat plate	25X160	---	Reversible	Stainless steel	Satin finish	**010J41RX**		

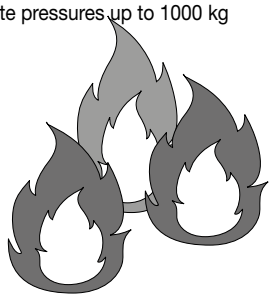
Note: the body of FIRE PRO electrical door strikes is compatible with all the front plate used for series PRO electrical door strikes.

FRONT PLATES (for the bodies of electrical door strikes, customisable according to the lock)



EXAMPLE OF APPLICATION

Series FIRE PRO electrical drop strikes are compliant with standards UNI-EN634-1 RF120. They are suitable for REI 120 fire doors and are virtually able to withstand temperatures up to 1150 °c for 2 hours.
They also have a high pressure resistance and can tolerate pressures up to 1000 kg (10 KNw).



Series SIM - Mini-symmetrical electrical door strikes

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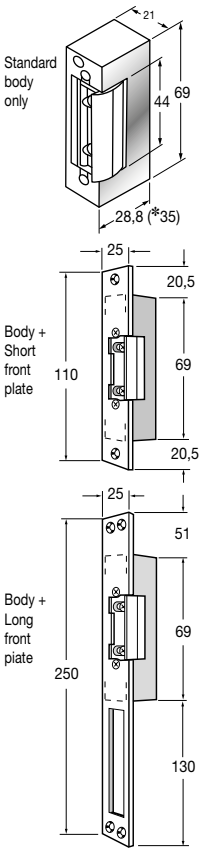
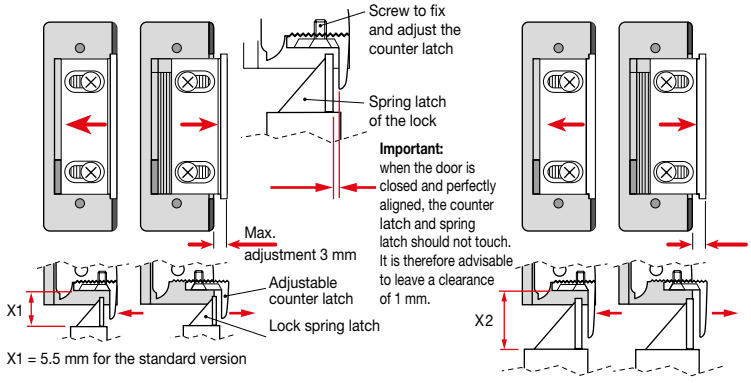
TECNODIMENSIONE®

TECHNICAL SPECIFICATIONS
Recess-mounting models.

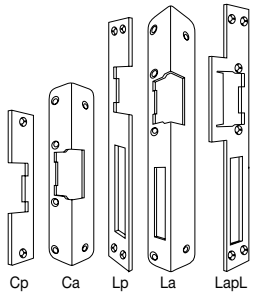
OPERATING VOLTAGE Vdc	CURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	"RR" DOOR STATUS SENSOR 1 SPDT changeover contact	"TD" COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LEVER "L" = For mechanical unlatching	HOLD UP VERSION = with single pulse the door is open	FAIL-SECURE = "version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrica D = DIN Left - S = DIN Right R = Reversible, for surface	SERIES SIM	Ordering information MODELS		Q.ty N°
Series SIM														
												Series SIM electrical door strikes are the ideal solution to electrical locking of the doors of hotel, residence and office rooms, etc. using electronic opening command by badge readers or other types of readers, access control systems and/or numerical keypads and/or remote push-button panels, intercoms, etc.		
BODIES OF ELECTRIC DOOR STRIKES WITHOUT FRONT PLATES PLATES (see Front plates below)													Body only	
12V	200	●	---	---	●	---	---	●	---	Rs	SIM 1		**0130J12R**	
24V	150	●	---	---	●	---	---	●	---	Rs	SIM 1		**0130J14R**	
12V	200	●	---	---	●	---	---	---	●	Rs	SIM 3		**0134J12R**	
24V	150	●	---	---	●	---	---	---	●	Rs	SIM 3		**0134J14R**	
8÷12Vcc	800	○	---	---	●	---	●	---	---	Rs	SIM 2		**0132J15RA**	
8÷12Vcc	800	○	---	---	●	●	●	---	---	Rs	SIM 2L		**0133J15RA**	
												Note: for model SIM with an "ULTRA DEEP" adjustable counter latch (13.5 mm), use code J3 instead of J1. For model SIM with "HIGH DEEP" counter latch (5.5 mm), use code J2 instead of J1.		**---J3---** **---J2---**



Adjustment of the counter spring wing



Mandatory ACCESSORIES

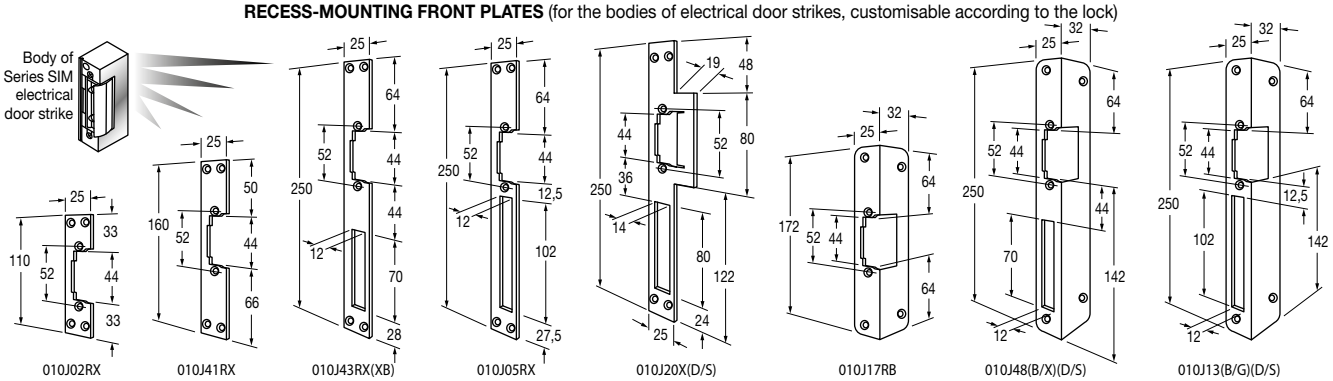


FRONT PLATES for the bodies of series SIM electrical door strikes

FORMAT	DIM. mm	PITCH	FIXING	MATERIAL	COLOUR	Front plate only		Q.ty N°
Cp=Short, flat plate	25x110	---	Reversible	Stainless steel	Satin finish	**010J02RX**		
Cp=Short, flat plate	25x160	---	Reversible	Stainless steel	Satin finish	**010J41RX**		
Lp=Long, flat plate	25x250	44	Reversible	Stainless steel	Satin finish	**010J43RX**		
Lp=Long, flat plate	25x250	44	Reversible	Stainless steel	Brass finish, mirror	**010J43RXB**		
Lp=Long, flat plate	25x250	12,5	Reversible	Stainless steel	Satin finish	**010J05RX**		
LapL=Long, flat, with lip	44x250	36	RHD/LHX ?	Stainless steel	Satin finish	**010J20X(D/S)**		
Ca=Short, angular plates	25X32x172	---	Reversible	Painted steel	B=Gold	**010J17RB**		
La=Long, angular plates	25X32x250	44	RHD/LHX ?	Painted steel	B=Gold	**010J48B(D/S)***		
La=Long, angular plates	25X32x250	44	RHD/LHX ?	Stainless steel	Satin finish	**010J48X(D/S)**		
La=Long, angular plates	25X32x250	12,5	RHD/LHX ?	Painted steel	B=Gold	**010J13B(D/S)**		

*To assemble this model, remove the black cover from the body of the electric door release following the instructions supplied.
Customised front plates for specific applications available on demand.
Prices and quantities to be agreed.

RECESS-MOUNTING FRONT PLATES (for the bodies of electrical door strikes, customisable according to the lock)



Series NEWULTRA - Mini-symmetrical electrical door strikes

Export Product-list
January 2024

TECNODIMENSIONE®

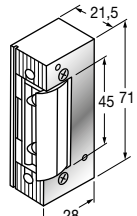
New series with extreme resistance

TECHNICAL SPECIFICATIONS
odels.
High pressure resistance (up to 1000 kg)

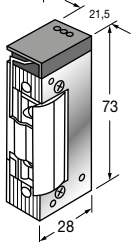
OPERATING VOLTAGE Vdc	CURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	"RR" DOOR STATUS SENSOR 1 SPDT changeover contact	"TD" COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LEVER "L" = = For mechanical unlatching	HOLD UP VERSION = - with single pulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	SERIES NEW ULTRA	Ordering information MODELS		Q.ty N°

Series NEW ULTRA
extreme resistance

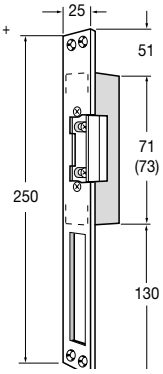
Standard body only



Body only with RR sensor



Body + Long front plate

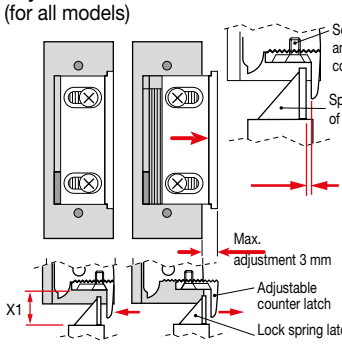


It is the advanced version of the conventional series SIM mini-symmetrical electrical door strike. Despite its ultra-small size, it offers the following two advantages:
a) High pressure resistance up to 2000 kg (20 KNw)
b) Also available with RR sensor to control the door status.
It is the ideal solution for applications that require a higher resistance (up to 2000 kg).

BODIES OF ELECTRIC DOOR STRIKES WITHOUT FRONT PLATES (see Front plates below)

												Body only
12V	250	●	●	---	●	---	---	●	---	Ra	SIM PLUS 1RR	**0166J12R**
24V	120	●	●	---	●	---	---	●	---	Ra	SIM PLUS 1RR	**0166J14R**
12V	250	●	---	---	●	---	---	●	---	Rs	SIM PLUS 1	**0160J12R**
24V	120	●	---	---	●	---	---	●	---	Rs	SIM PLUS 1	**0160J14R**
12V	250	●	●	---	●	---	---	---	●	Ra	SIM PLUS 3RR	**0168J12R**
24V	120	●	●	---	●	---	---	---	●	Ra	SIM PLUS 3RR	**0168J14R**
12V	250	●	---	---	●	---	---	---	●	Rs	SIM PLUS 3	**0164J12R**
24V	120	●	---	---	●	---	---	---	●	Rs	SIM PLUS 3	**0164J14R**
5÷12Vcc	600	○	---	---	●	---	●	---	---	Rs	SIM PLUS 2	**0162J15R**

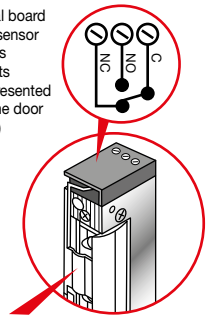
Adjustment of the counter latch
(for all models)



X1 = 5.5 mm for the standard version

Model with RR sensor

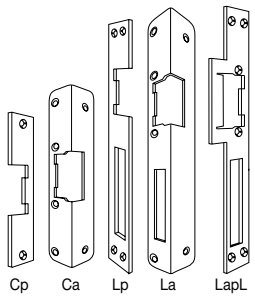
Terminal board for RR sensor contacts (contacts are represented when the door is open)



Activation plate for the RR sensor controlling the door status

Mandatory ACCESSORIES

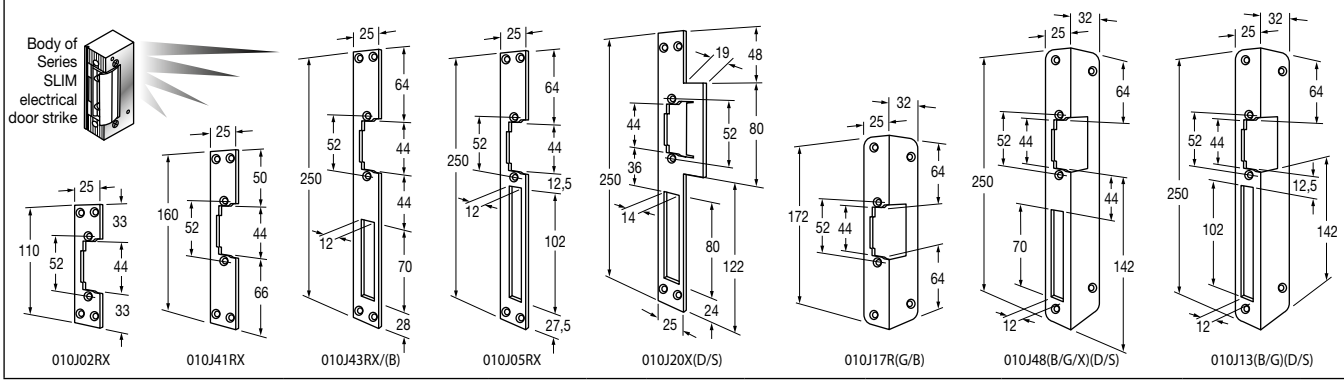
FRONT PLATES for the bodies of series SIM PLUS electrical door strikes



FORMAT	DIM. mm	PITCH	FIXING	MATERIAL	COLOUR	Front plate only
Cp=Short, flat plate	25x110	---	Reversible	Stainless steel	Satin finish	**010J02RX**
Cp=Short, flat plate	25x160	---	Reversible	Stainless steel	Satin finish	**010J41RX**
Lp= Long, flat plate	25x250	44	Reversible	Stainless steel	Satin finish	**010J43RX**
Lp=Long, flat plate	25x250	44	Reversible	Stainless steel	Satin finish	**010J43RXB**
Lp=Long, flat plate	25x250	12,5	Reversible	Stainless steel	Shiny brass-plated	**010J05RX**
LapL=Long, flat, with lip	44x250	36	Reversible	Stainless steel	Satin finish	**010J20X(D/S)**
Ca=Short, angular plates	25X32x172	---	Reversible	Brass finish, mirror	G=grey/B=gold ?	**010J17R(G/B)**
La=Long, angular plates	25X32x250	44	RHD/LHX ?	Brass finish, mirror	G=grey/B=gold ?	**010J48(B/G)(D/S)**
La=Long, angular plates	25X32x250	44	RHD/LHX ?	Stainless steel	Satin finish	**010J48X(D/S)**
La=Long, angular plates	25X32x250	12,5	RHD/LHX ?	Stainless steel	G=grey	**010J13(G)(D/S)**

Customised front plates for specific applications available on demand.
Prices and quantities to be agreed.

FRONT PLATES (for the bodies of electrical door strikes, customisable according to the lock)



Series NEWARCUS - electrical strikes

Export Product-list
January 2024

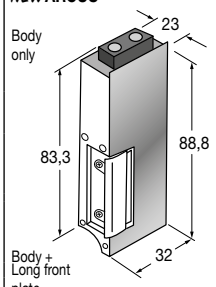
TECNODIMENSIONE®

Series with curved body

TECHNICAL SPECIFICATIONS
Models for recessed mounting on multi-bolt security doors.

OPERATING VOLTAGE Vdc	CURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL	"RR" DOOR STATUS SENSOR 1 SPDT changeover contact	"TD" COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LEVER "L" = For mechanical unlatching	HOLD UP VERSION) = with single pulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	SERIES ARCUS	Ordering information MODELS		Q.ty N°

NEWARCUS



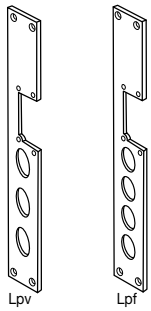
Ideal for electrically controlling the opening of security doors equipped with mechanical latch locks with very closely spaced multiple round deadbolts.
A version complete with RR sensor for door status control is also available.

BODIES OF ELECTRIC DOOR STRIKES WITHOUT FRONT PLATES (see Front plates below)

												Body only
12V	200	●	---	---	●	---	---	●	---	D	ARCUS 1	**0190J02D**
12V	200	●	---	---	●	---	---	●	---	S	ARCUS 1	**0190J02S**
24V	100	●	---	---	●	---	---	●	---	D	ARCUS 1	**0190J04D**
24V	100	●	---	---	●	---	---	●	---	S	ARCUS 1	**0190J04S**
12V	200	●	---	---	●	---	---	---	●	D	ARCUS 3	**0194J02D**
12V	200	●	---	---	●	---	---	---	●	S	ARCUS 3	**0194J02S**
24V	100	●	---	---	●	---	---	---	●	D	ARCUS 3	**0194J04D**
24V	100	●	---	---	●	---	---	---	●	S	ARCUS 3	**0194J04S**
8-14V	500	❍	---	---	●	---	●	---	---	D	ARCUS 2	**0192J15D**
8-14V	500	❍	---	---	●	---	●	---	---	S	ARCUS 2	**0192J15S**
8-14V	500	❍	---	---	●	●	●	---	---	D	ARCUS 2L	**0193J15D**
8-14V	500	❍	---	---	●	●	●	---	---	S	ARCUS 2L	**0193J15S**

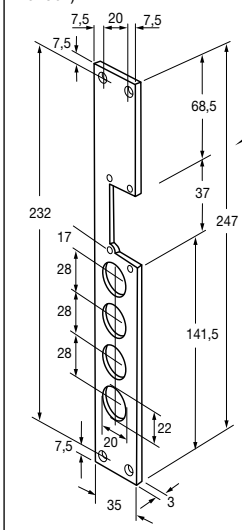
Mandatory ACCESSORIES

FRONT PLATES for the bodies of series ARCUS electrical door strikes

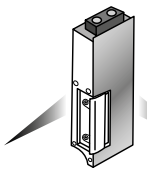


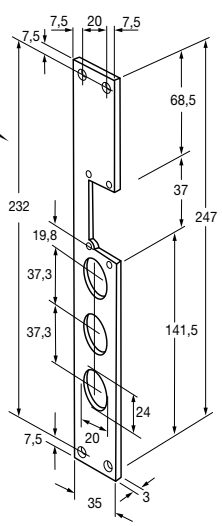
FORMAT	DIM. mm	PITCH mm	FIXING	MATERIAL	COLOUR	Front plate only
Lpv= Long plate 3 buttonholes	35x247x3	10	Reversible	Stainless steel	Satin finish	**010J60RX**
Lpf= Long plate 4 buttonholes	35x247x3	6	Reversible	Stainless steel	Satin finish	**010J70RX**

FRONT PLATES (for the bodies of electrical door strikes, customisable according to the lock)



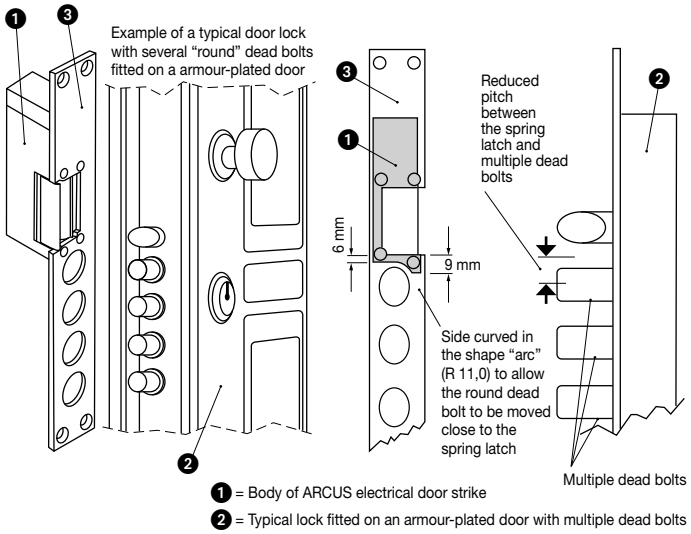
010J70RX





010J60RX

EXAMPLES OF APPLICATIONS



Series PA - Electrical door strikes for panic bars

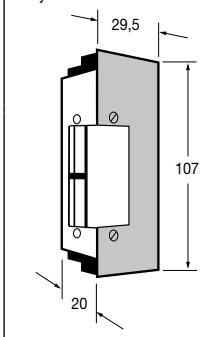
Export Product-list - January 2024

TECNODIMENSIONE®

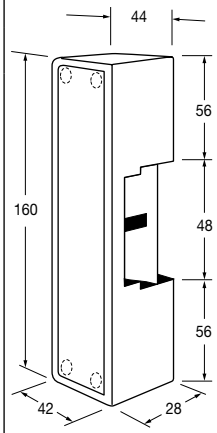
TECHNICAL SPECIFICATIONS
Models for external panic bars with "curved" spring latch (half-moon shape) and external mechanism

OPERATING VOLTAGE Vdc	CURRENT DRAW mA	● = 100% ED HEAVY DUTY COIL ○ = STANDARD COIL	"RR" DOOR STATUS SENSOR 1 SPDT changeover contact	"TD" COIL STATUS SENSOR 1 SPDT changeover contact	ADJUSTABLE COUNTER LATCH	LEVER "L" = For mechanical unlatching	I HOLD UP VERSION = with singlepulse the door is open	FAIL-SECURE = version release with current	FAIL-SAFE = version release without current	Ra = Reversible asymmetrical Rs = Reversible, symmetrical D = DIN Left - S = DIN Right R = Reversible, for surface	SERIES PA	Ordering information MODELS	Q.ty N°
Series PA for external panic bars													
Professional series PA electrical door strikes for panic bars (with "curved" spring latch and external mechanism). Ideal to "electrify" doors with panic bars that must be opened externally by authorised people only by using a magnetic card and/or typing a code on the keypad (access control system) or remote push-button panel (operator's console, intercom in gatekeeper's lodge, etc.).													
BODIES OF ELECTRIC DOOR STRIKES WITHOUT HOUSINGS (see housings below)												Body only	
12V	200	●	●	---	---	---	---	●	---	R	PA1 RR	**0146J02R7M**	
24V	150	●	●	---	---	---	---	●	---	R	PA1 RR	**0146J04R7M**	
12V	200	●	●	●	---	---	---	●	---	R	PA1 TD	**0147J02R7M**	
24V	150	●	●	●	---	---	---	●	---	R	PA1 TD	**0147J04R7M**	
12V	200	●	---	---	---	---	---	●	---	R	PA1	**0140J02R6**	
24V	150	●	---	---	---	---	---	●	---	R	PA1	**0140J04R6**	
12V	200	●	●	---	---	---	---	---	●	R	PA3 RR	**0148J02R7M**	
24V	150	●	●	---	---	---	---	---	●	R	PA3 RR	**0148J04R7M**	
12V	200	●	●	●	---	---	---	---	●	R	PA3 TD	**0149J02R7M**	
24V	150	●	●	●	---	---	---	---	●	R	PA3 TD	**0149J04R7M**	
12V	200	●	---	---	---	---	---	---	●	R	PA3	**0144J02R6**	
24V	150	●	---	---	---	---	---	---	●	R	PA3	**0144J04R6**	
8÷12Vac	800	○	---	---	---	---	●	---	---	R	PA2	**0142J02R6A**	

Body onl

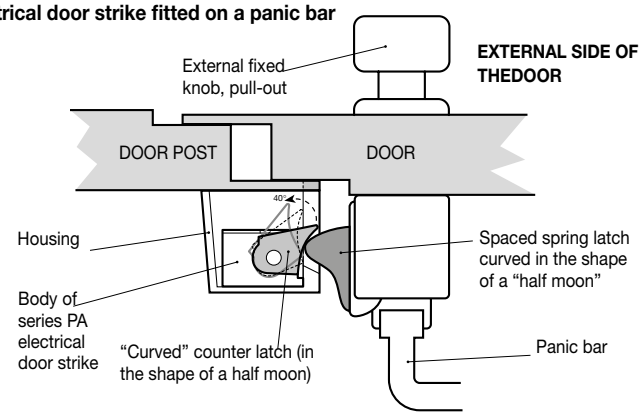


Body + Housing

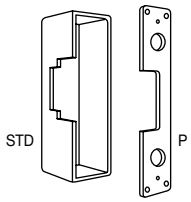


Measures referred to an STD housing

PA electrical door strike fitted on a panic bar



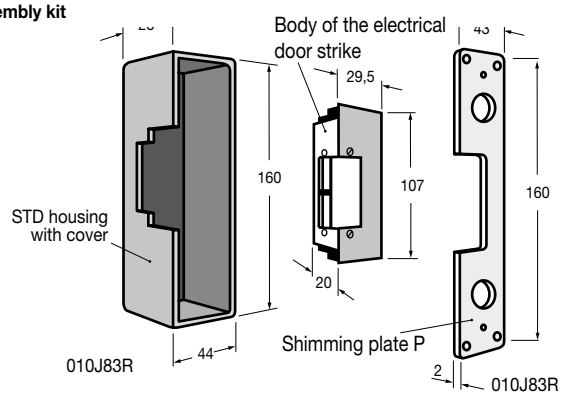
Mandatory ACCESSORIES



HOUSINGS for the bodies of series PA electrical door strikes

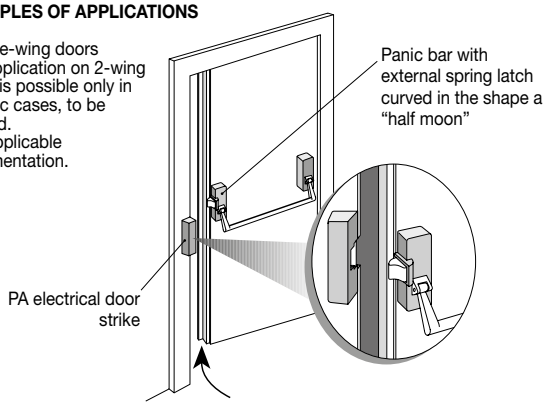
TYPE	SERIES		Housing only
PA	JPAPA83/28	**STD housing** for surface-mounting, reversible, (44x28x160mm) black.	**010J83R**
PA	PACC83	**Plate P** - 2 mm for the shimming of the housing.	**010J83R2**

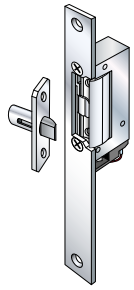
Assembly kit



EXAMPLES OF APPLICATIONS

For one-wing doors (the application on 2-wing doors is possible only in specific cases, to be defined.
See applicable documentation.





PROFESSIONAL ELECTRICAL DOOR STRIKES

SLIM-DOORSTRIKE

With screw-type terminal box for conventional applications

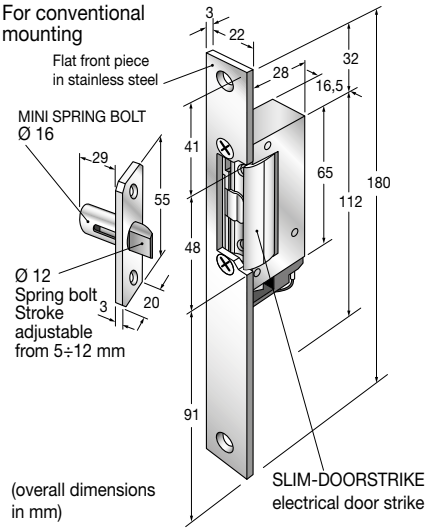
Export Product-list
January 2024

TECNODIMENSIONE®

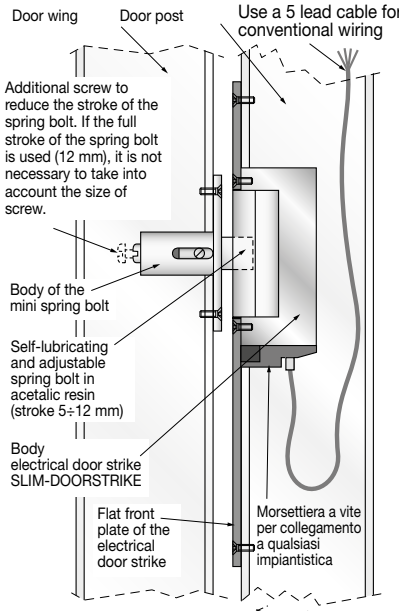
Electrical door strike for recess-mounting.
Ideal for ultraslim door frames.

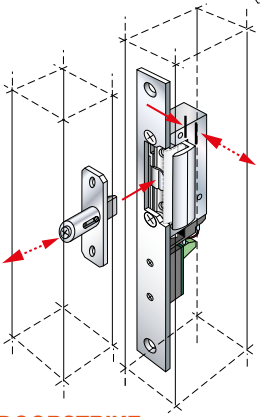
SLIM-DOORSTRIKE with mini spring bolt

For conventional mounting



EXAMPLE OF RECESS-MOUNTING ON THE DOOR FRAME



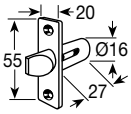
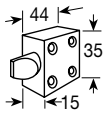


SLIM-DOORSTRIKE (fail-safe and fail-secure) is supplied with a door status sensor (open/closed) that checks the penetration of the spring bolt (also adjustable) during closing, and the adjustable counter latch guarantees perfect leaf compensation and alignment...
... it's **REGOSTRIKE!**

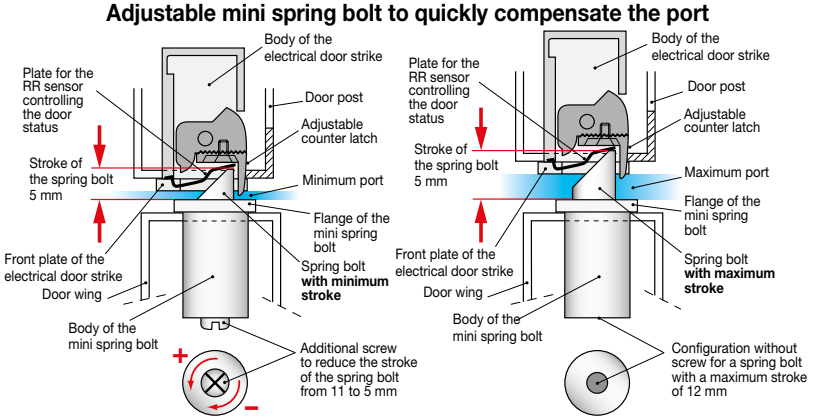
	Ordering information MODELS		Q.ty N°
SLIM-DOORSTRIKE electrical door strikes for recess-mounting. **Fail-secure version (security)** = powered release. If there is no power, the SLIM DOORSTRIKE closes to prevent unauthorized access. **Fail-safe version (antipanic)** = release without power. If there is a fire in case of power latch, the SLIM DOORSTRIKE releases automatically to enable a safe evacuation.			
Models for 12 Vdc power supply			
SLIM-DOORSTRIKE electrical door strike for conventional mount and screw terminal board for conventional connection to any system, even pre-existent. **Fail-secure version** with powered release. - With 100% ED reel for uninterrupted functioning. - RR microswitch sensor controlling the door status - Adjustable counter latch - 12 Vdc/280 mA power supply Supplied with flat front plate in stainless steel.	**0156J12RM**		
SLIM-DOORSTRIKE fail-safe version (antipanic). Same as above but releases in event of power latch.	**0158J12RM**		
Models for 24Vdc power supply			
SLIM-DOORSTRIKE fail-secure version (security). Same as above but with 24VDC/140 mA power supply.	**0156J14RM**		
SLIM-DOORSTRIKE fail-safe version (antipanic). Same as above but with 24VDC/140 mA of power latch.	**0158J14RM**		
Accessory (optional)			
Mini spring bolt for recess-mounting with adjustable spring bolt. Body with recess-mounting flange in anodised machined aluminium with a "silver" finish. Self-lubricating spring bolt in acetalic resin with stroke adjustable from 5 to 12 mm.	**004910K**		

MINI SPRING-BOLT FOR LIGHT DOOR Professional multipurpose version

Ideal for small section frame of door with electrical door strike

MINI SPRING LATCH FOR SMALL DOOR Type F for recess-mount 	**Universal recess-mounting mini spring latch** Stainless steel slanted spring bolt adjustable on all "4 cardinal points". Fitting for manal release (with additional spring return rod). Housing F with recess-mounting flange in anodised machined aluminium and "silver" finish.	R	F	**004910**	
Type L for surface-mount 	**Universal surface-mounting mini spring latch** Stainless steel slanted spring bolt adjustable on all "4 cardinal points". Fitting for manal release (with additional spring return rod). Housing L for surface-mounting in anodised machined aluminium and "silver" finish.	R	L	**004912**	

Adjustable mini spring bolt to quickly compensate the port

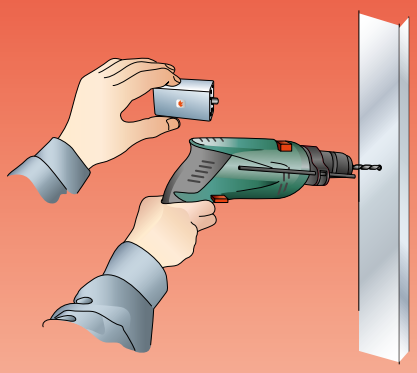


Electrical drop bolts & electrical door strikes

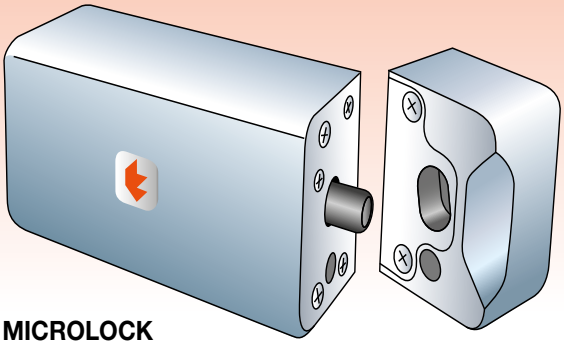
in “CLEAN COVER” case made by solid block of anodised aluminium.

No cutting the frame
no work on internal frame grain!
Only a portable drill is needed to easily install **DRILL&GO** devices on any frame.

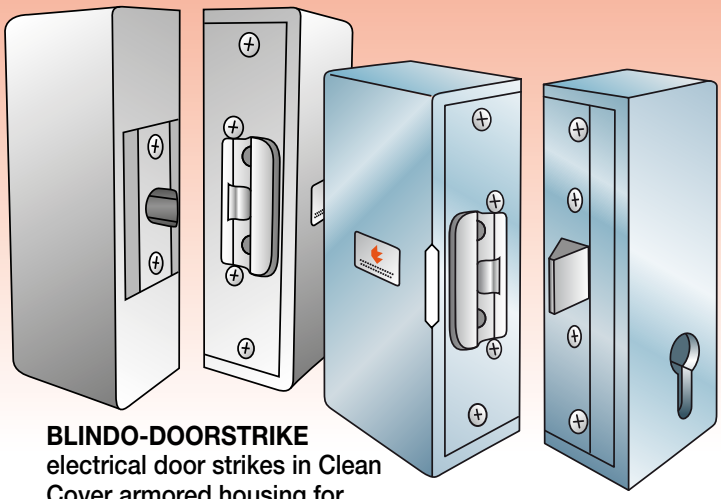
DRILL&GO Cut-Free®



FOR EASY INSTALLATION
SURFACE MOUNT

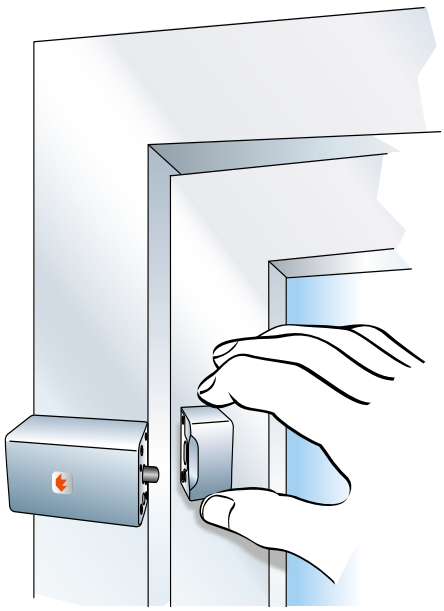


MICROLOCK
(without manual release key)
electrical drop bolts in Clean Cover armored housing for installation surface mount



BLINDO-DOORSTRIKE
electrical door strikes in Clean Cover armored housing for installation surface mount

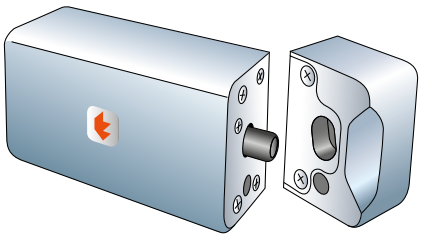
(with manual release key)



MICROLOCK

BLINDO-DOORSTRIKE

MICROLOCK e BLINDO-DOORSTRIKE in Clean Cover armored housing
ultra-slim, designed to be easily surface mounted on the door, even in existing frames, without the need to make cuts and/or holes in the frame...
it’s **DRILL&GO CUT-FREE!**



UNIVERSAL ELECTRICAL DROP BOLTS
MICROLOCK
in *"CLEAN COVER"*
for surface-mounting

Export Product-list
January 2024

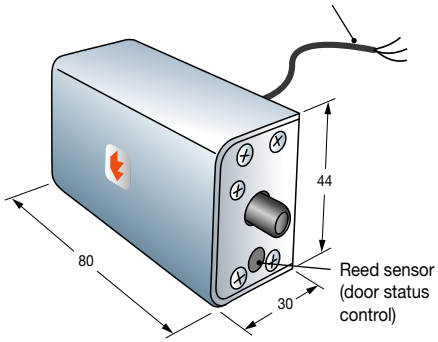
TECNODIMENSIONE®

Mini-electrical drop bolt with full coverage *"CLEAN COVER"* made by solid block of anodised aluminium.
Ideal for jutting mounting and surface applications without having to make any chasing and/or cuts in the door frame = DRILL&GO.

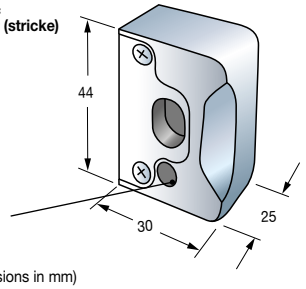
MICROLOCK
for surface mounting "DRILL&GO"
in protective *"CLEAN COVER"* housing

Element "A"= housing with mini electrical drop bolt

3-lead flying cable (2 m) from door status Reed sensor



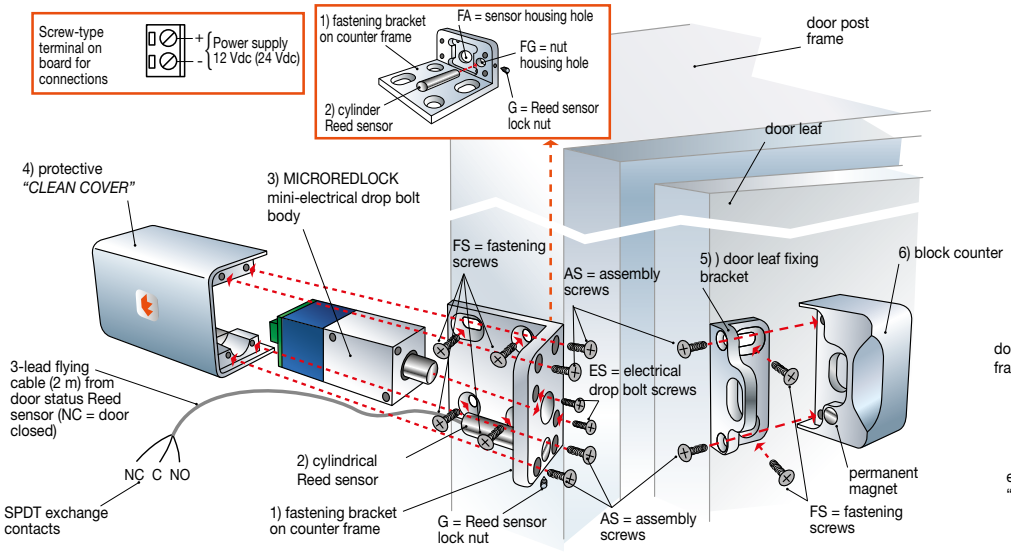
Element "B" = block counter (stricke)



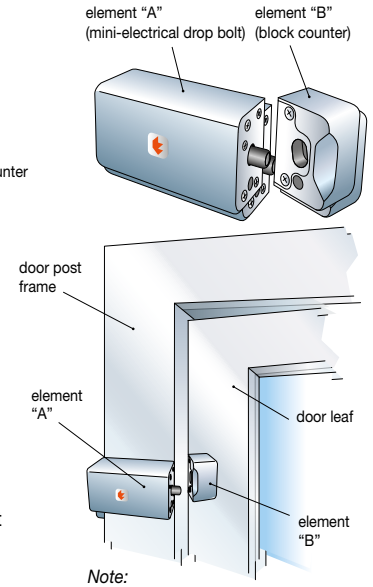
(overall dimensions in mm)

MODELS		N°
BLUELOCK series **fail-secure version (security)** = bolt "out", bolt "in" with power. **If there is no power, the MICROBLUELOCK electrical drop bolt locks in closing, to prevent unauthorized access.** **REDLOCK** series **fail-safe version (anti-panic)** =in case of power lack, bolt "out" when powered, pin "in" without power. **If there is a fire, the MICROREDLOCK electrical drop bolt solenoid bolt releases automatically to enable a safe evacuation.**		
Models for 12 Vdc power supply		
MICROBLUELOCK fail secure version (security). Micro electrical drop bolt with 1 flying cable length 2 metres (precabled in factory) to 3 connections, from the Reed door status sensor + 1 screw-on terminal. ***"CLEAN COVER"*** protective case in single billet of anticorodal, anodized and mechanically polished aluminium, taken from full part. For easy surface assembly with special invisible anti-removal rod without any visible screws. The kit contains two components: element A: housing block for electrical drop bolt for post. element B: striking plate for door in correspondence to element "A". - With 100% ED coil for uninterrupted functioning. - Includes a Reed sensor to control door status. - Power supply 12 Vdc/390 mA - Dimensions: element A 80 x 30 x 44 mm; element B 25 x 30 x 44 mm - Weight gr 320	**00801A2RCZM** Lh/Rh reversible	
MICROREDLOCK fail-safe version (anti panic). Same as above but in ***"CLEAN COVER"*** casing.	**00803A2RCZM** Lh/Rh reversible	
Models for 24Vdc power supply (on request)		
MICROBLUELOCK fail secure version (security). For surface-mounting in ***"CLEAN COVER"*** casing same as above but with 24VDC/140 mA power supply.	**00801A4RCZM** Lh/Rh reversible	
MICROREDLOCK fail-safe version (anti panic).. Same as above but in ***"CLEAN COVER"*** casing.	**00803A4RCZM** Lh/Rh reversible	

MICROLOCK mini-electrical drop bolt in *"CLEAN COVER"* installation method



Example of a door complete with permanently assembled MICROREDLOCK mini-electrical drop bolt



Element "A" exploded view
"CLEAN COVER" that includes the mini-electrical drop bolt (to be secured on the counter frame)

Element "A" assembly sequence
to be secured on counter frame:

a) secure the bracket (1) on the counter frame with the four FS fastening screws.
b) place the cylinder Reed sensor (2) in the matching FA hole.
c) lock the sensor by screwing the G nut into the FG hole.
d) secure the mini-electrical drop bolt body (3) to the bracket (1) with the two supplied ES screws.
e) insert the protective cover (4) over the assembled electrical drop bolt (3), + bracket (1) + sensor (2). Complete by securing the case (4) with the four supplied AS assembly screws that bind the components.

Element "B" exploded view
"CLEAN COVER" that includes the block counter bolt (to be secured on the door leaf)

Element "B" assembly sequence
to be fastened on the door leaf

a) secure the bracket (5) on the door leaf with the two FS fastening screws.
b) insert the block counter bolt (6) on the bracket and fasten together with the two supplied AS assembly screws that bindm the two components together.

Note:
AS = 6 supplied assembly screws
ES = 2 supplied electrical drop bolt screws.
FS = 6 fastening screws supplied by the installer (based on the type of door frame).
G = 1 supplied nut.

BLINDO-DOORSTRIKE

with key override for manual release

'CLEAN COVER' armored housing for easy surface mounting of all *NEW*SLIM series professional electrical door strikes.

Innovative solution for immediate installation to all types of door, even pre-existing ones.

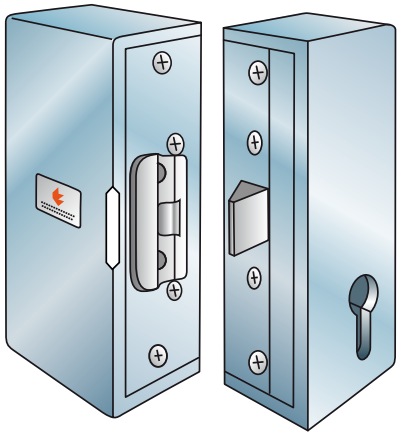
No cutting the frame
no work on internal frame grain!

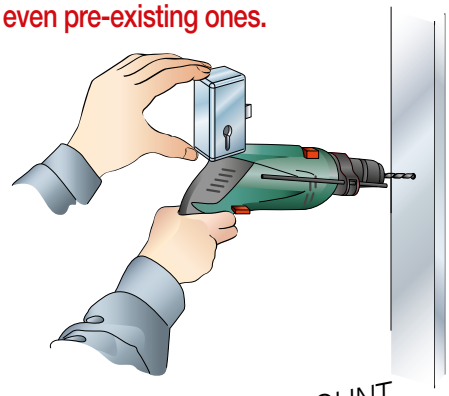
Only a portable drill is needed to easily install ***DRILL&GO*** devices on any frame.

That's it, and your door is safely powered.

No more open doors!

DRILL& GO® Cut-Free





FOR EASY SURFACE MOUNT INSTALLATION OF *NEW*SLIM SERIES ELECTRIC DOOR STRIKES

THE ELECTRIC LOCKING SYSTEM OF YOUR ENTRANCE CAN BE INSTALLED STRAIGHT AWAY

A simple non-removable installation using concealed screws is all that's needed!

All you have to do is install the two elements of the BLINDO-DOORSTRIKE, machined from solid anodised aluminium, to any door, entrance or gate, even pre-existing ones, to have an elegant and 'Clean Cover' armored housing.
The BLINDO-DOORSTRIKE electric locking system is easy, fast and extremely safe to install.
Thanks to its design, it cannot be removed from the outside.

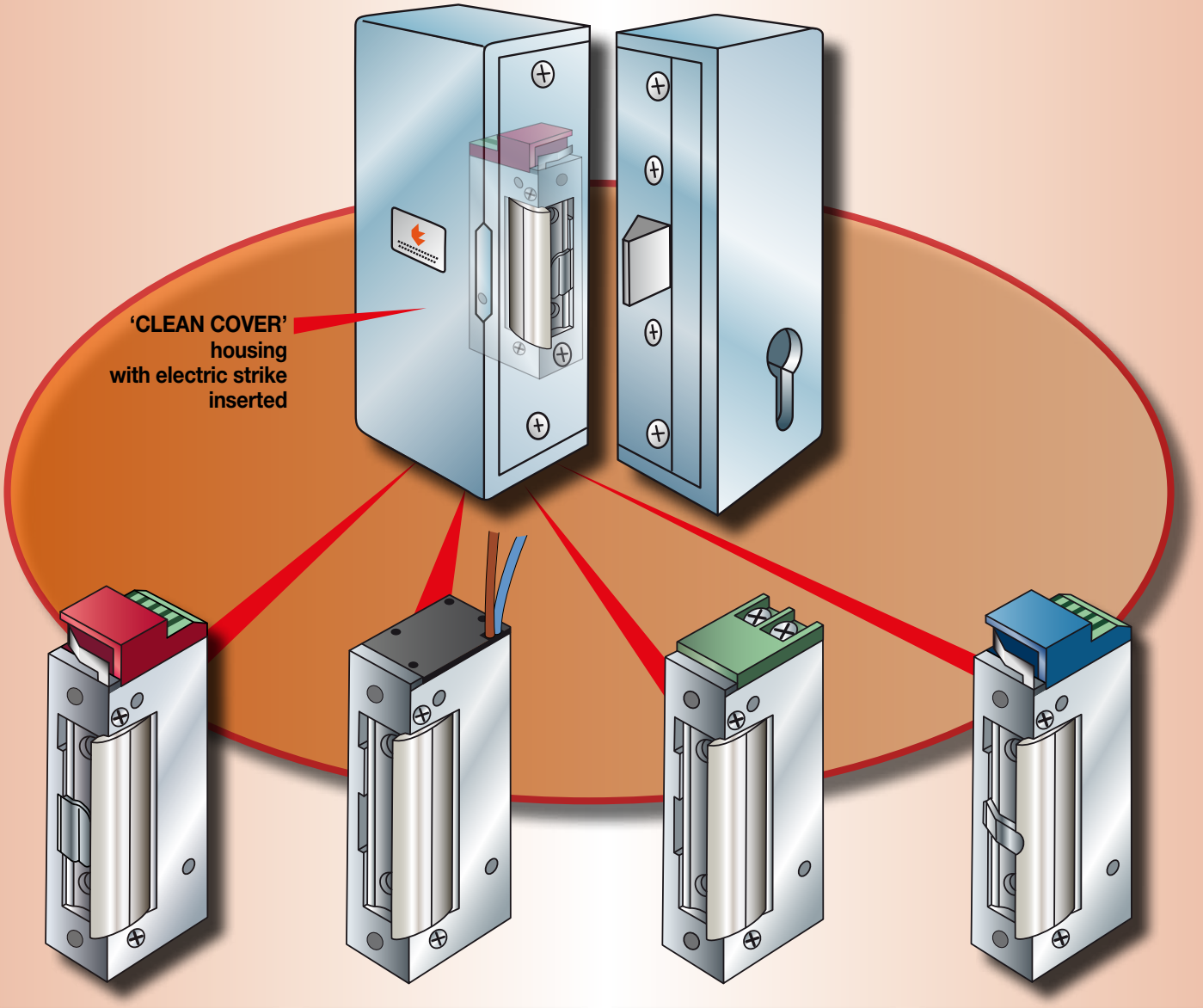
It is the ideal solution in factories, industries, companies, laboratories, offices, public bodies, professional firms, shops, apartment buildings and private homes, wherever remote electric opening via push-buttons, intercoms etc. is required, as well as for entrances that are opened by badges, biometric and/or digital code readers.

If you also require an alarm, a version of the BLINDO-DOORSTRIKE is available complete with RR sensor for remote door status monitoring, open or closed.
With the addition of our SLIM-HANDTRONIX module, full professional door management can be implemented, with various timing and monitoring options (see page 92).

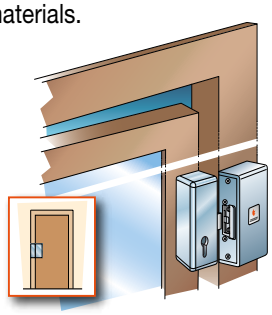
TECNODIMENSIONE
security with style

NEW BLINDO-DOORSTRIKE
secure 'CLEAN COVER' housing

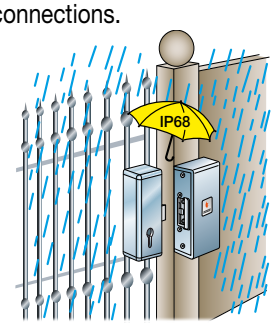
for converting the New SLIM Series Electrical Strikes into a surface-mount version with 4 versions suitable for any environment



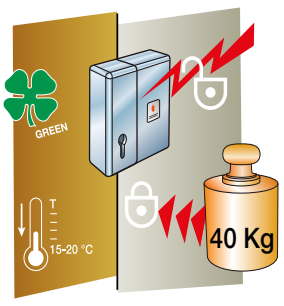
NEW SLIM CLASSIC
version for normal environments.
Suitable for applications on doors of various types and materials.



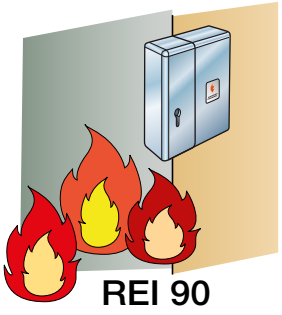
NEW SLIM WATERPROOF
waterproof version for outdoor applications.
Fitted with IP68 rated terminal blocks and electrical connections.



NEW SLIM GREENTRONIX
'intelligent' operation with multifunction microchip:
anti-preload, energy saving, anti-coil heating.

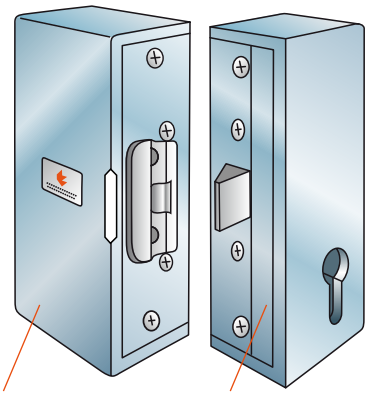


NEW SLIM FIRE
fire resistant version REI 90.
For use on smoke and fire doors.



Here's the '**NEW SLIM**' version incorporated into the strike block of the **BLINDO-DOORSTRIKE** housing for easy surface mount installation on any type of door even pre-existing ones, without having to make holes or recesses!

IDEAL FOR EVEN THE MOST VARIED ENVIRONMENTAL CONDITIONS



Element A
shown with NEWSLIM ✻
Electrical Strike

Element B
with incorporated spring latch

BLINDO-DOORSTRIKE with key override manual release

'CLEAN COVER' housing for easy surface mounting of professional electrical door strikes

innovation

Innovative solution that allows all NEWSLIM✻ series professional electric door strike to be installed directly on any type of door, even pre-existing ones

DRILL& GO Cut-Free ®

One unit..
for 4 different needs.

FOR EASY SURFACE MOUNT INSTALLATION

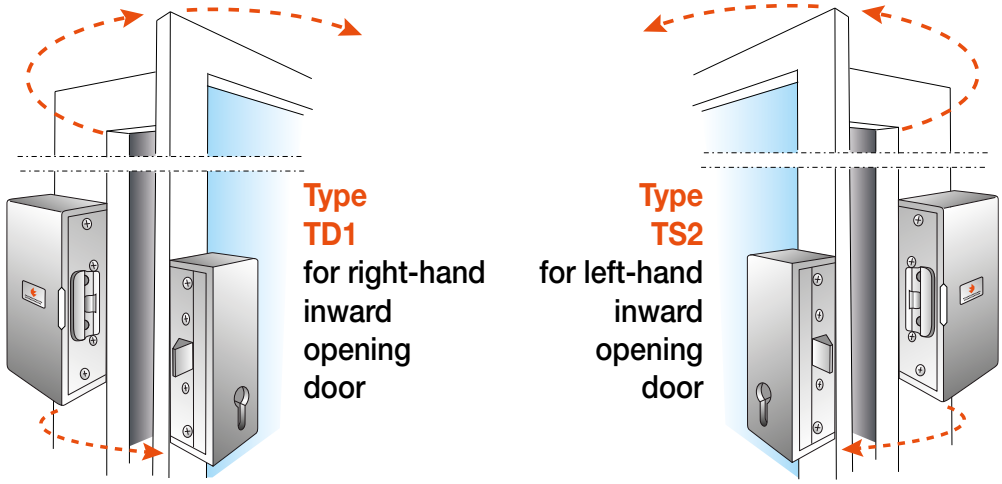
1st Surface mount for direct installation on any type of door without having to make recesses or modifications to the internal framework of the door. All you need is a drill and a screwdriver
= ***DRILL& GO*** CUT-FREE

2nd Elegant ultra-robust housing, in satin finish anticorodal anodised aluminium machined from solid.
Lock with incorporated OT58 chromed brass spring latch, machined from solid, with additional key release mechanism ✦
= ***BLINDO CLEAN-COVER***

3rd Non-removable: no visible screws, cannot be removed from the outside = ***SECURBLOCK***

4th Two models for installation on any type of door, even pre-existing ones: for opening to the right or left, by pulling or pushing
= ***DUPLOFIX***

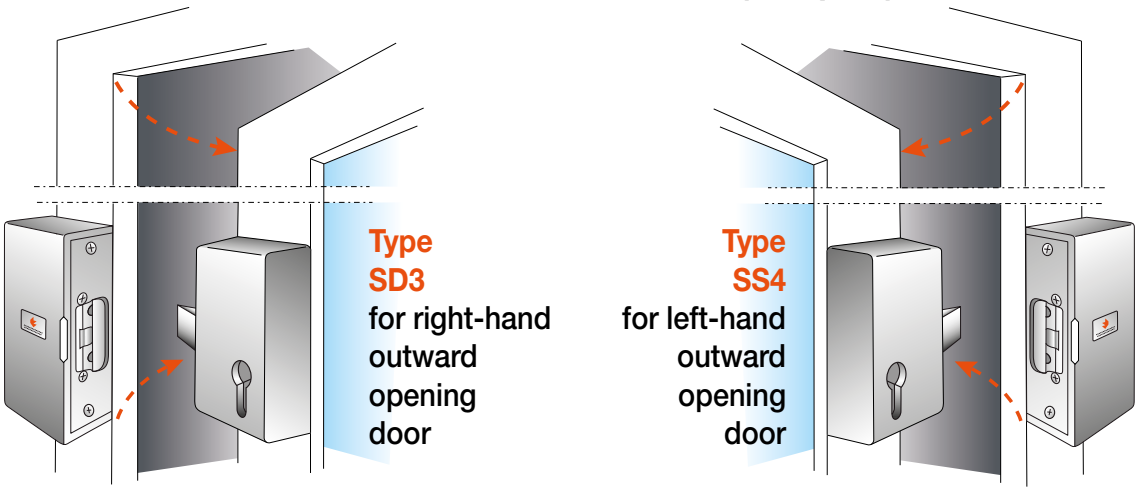
EXAMPLE OF PULL TO EXIT DOOR (usual case)



Type TD1
for right-hand inward opening door

Type TS2
for left-hand inward opening door

EXAMPLE OF PUSH TO EXIT DOOR (infrequent)



Type SD3
for right-hand outward opening door

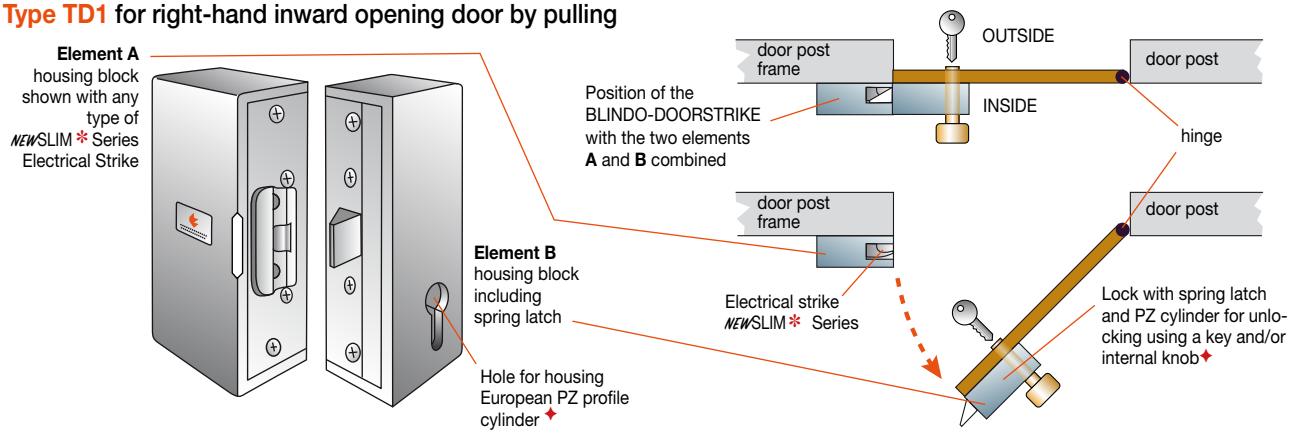
Type SS4
for left-hand outward opening door

✻ Note 1: The NEWSLIM series electrical strike to be inserted in **element A** should be chosen according to technical requirements (see the models in our SECURITY price list).
✦ Note 2: To allow the door to be opened manually too, use a key/key or key/knob type European PZ profile cylinder of any make or model. The length should be chosen according to the thickness of the leaf of the door. The cylinder has to be purchased separately by the installer.

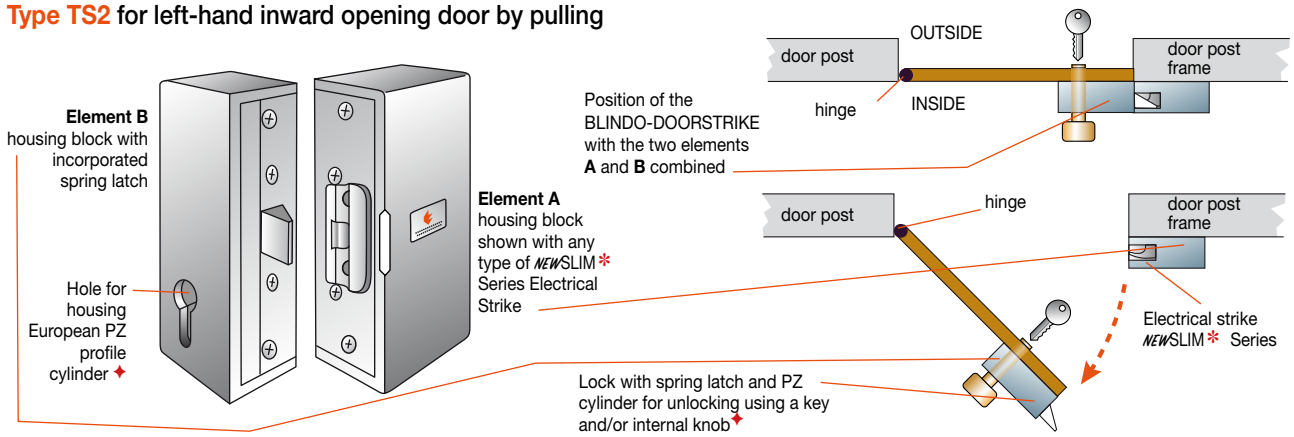
BLINDO-DOORSTRIKE with key override manual release

'CLEAN COVER' armored housing for easy surface mounting of NEWSLIM series professional electrical door strikes. How to install the housing according to the direction in which the door opens - installation inside the protected area.

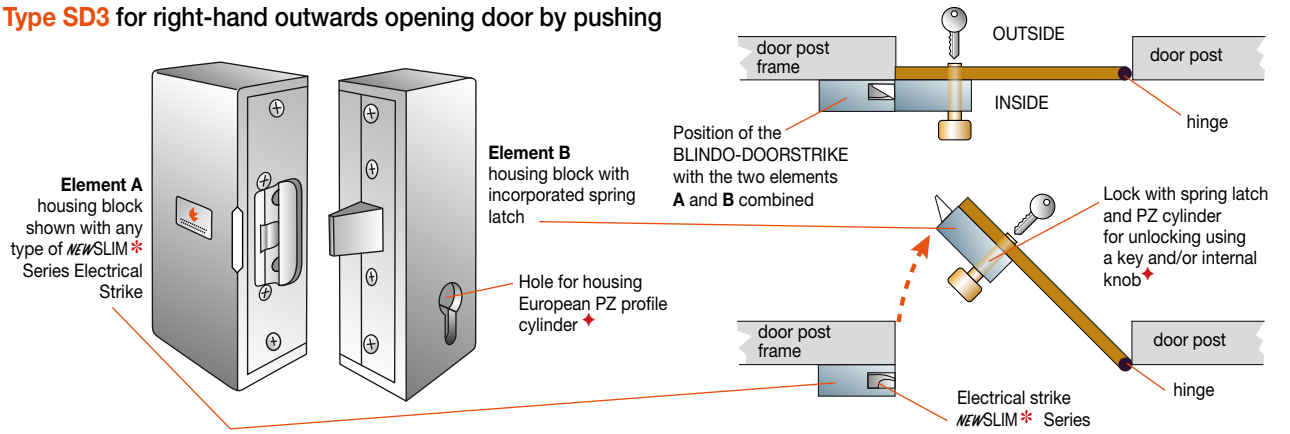
Type TD1 for right-hand inward opening door by pulling



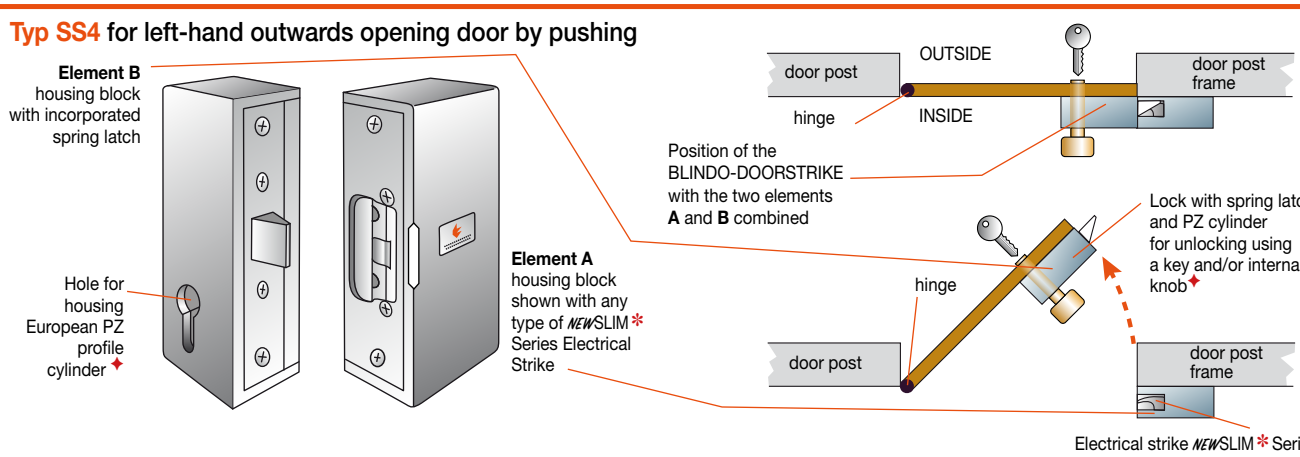
Type TS2 for left-hand inward opening door by pulling



Type SD3 for right-hand outwards opening door by pushing

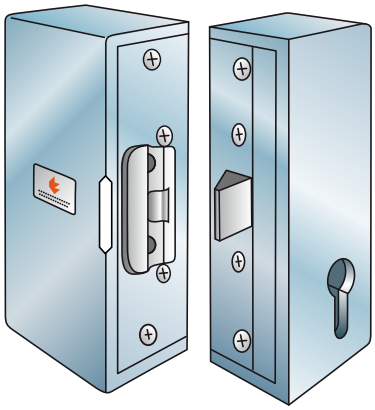


Typ SS4 for left-hand outwards opening door by pushing



✻ Note 1: The NEWSLIM series electrical strike to be inserted in **element A** should be chosen according to technical requirements (see the models in our SECURITY price list).

✦ Note 2: To allow the door to be opened manually too, use a key/key or key/knob type European PZ profile cylinder of any make or model. The length should be chosen according to the thickness of the leaf of the door. The cylinder has to be purchased separately by the installer.



BLINDO-DOORSTRIKE

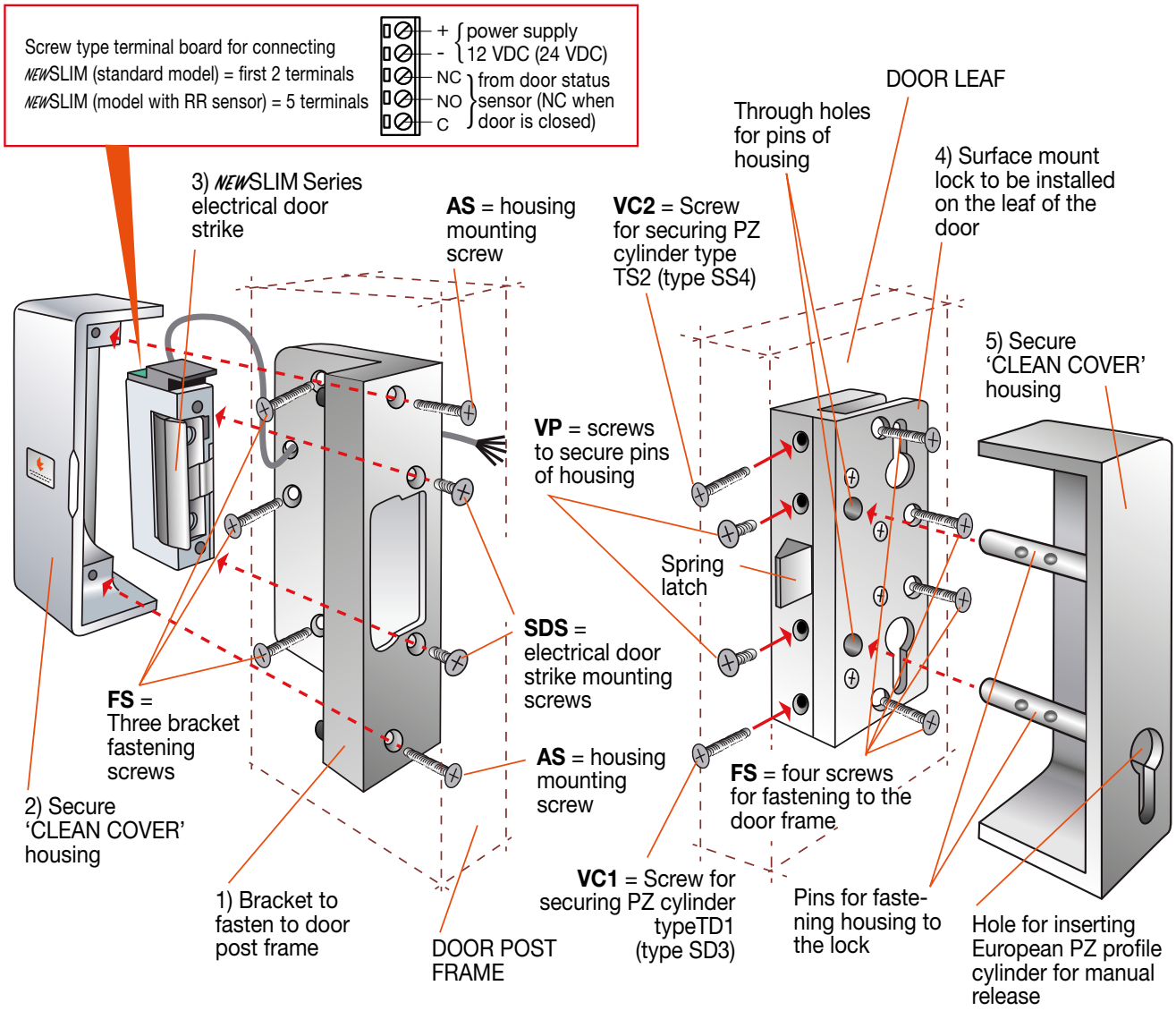
with key override manual release

'CLEAN COVER' armored housing for easy surface mounting of all NEWSLI Series Electrical door strikes

Elegant and ultra-robust housing in anodised satin finish aluminium machined from solid. Designed for surface mounting, can be installed easily without having to cut and/or make recesses on any type of door = DRILL&GO.

Element 'A' exploded view
housing block, shown with NEWSLIM Series electric strike installed (the chosen model) and the mounting bracket to fasten to the door post frame

Element 'B' exploded view
housing block, including the mounting bracket complete with spring latch to install on the leaf of the door



Step 1: assemble element 'B', to install on the leaf of the door, in the following order:

a) Correspondence with the hole for the passage of the PZ cylinder.
Fix it in place using four suitable **FS** screws.

b) Install the housing (5) that covers the lock by inserting the two pins in the corresponding holes.
Assemble everything using the two **VP** screws that secure the pins of the housing and join the two components together.

c) Lastly, insert the PZ cylinder and secure it using the **VC** screw, according to the type.

Step 2: assemble element 'A' to install on the door post frame, in the following order:

a) Position the bracket (1) so that the alignment arrow coincides with the arrow of the lock of element '**B**'.

b) Fasten the bracket (1) to the door post frame using the three **FS** screws.

c) Insert the body of the electrical strike (3) into the window of the bracket. Then assemble everything using the two **SDS** screws to join the two components together.

d) Install the housing (2) that covers the bracket (1) and secure it using the two **AS** screws.

Note:
AS = *2 assembly screws (supplied)*
SDS= *2 screws for electrical door strike (supplied)*
VP = *2 screws to secure the two pins of the housing to the lock (supplied)*
FS = *7 (3+4) fixing and fastening screws, length and type according to the type of door (not supplied)*
VC = *screws supplied with the cylinder (not supplied)*

ATTENTION:
for overall dimensions see on the next page

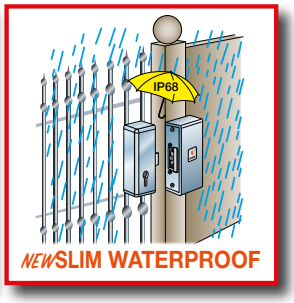
NEWBLINDO-DOORSTRIKE

with key override manual release

Secure “Clean Cover" armored housing for inserting the NEWSLIMSeries Traditional Electric Strike.

Select the version for the 4 environments.

NEWSLIM CLASSIC



NEWSLIM WATERPROOF

NEWSLIM GREENTRONIX

NEWSLIM FIRE

NEWBLINDO-DOORSTRIKE is an elegant and ultra-robust housing in anodised satin finish aluminium machined from solid.
Designed for easy surface mounting, can be installed easily without having to cut and/or make recesses on any type of door = DRILL&GO.

Non-removable ‘CLEAN COVER’ armored housing with no visible screws, cannot be removed from the outside.
Kit consisting of two **elements A** and **B.**
element ‘A’: is the **housing block** designed to contain the NEWSLIM * Series electric strike.
element ‘B’: is the **housing block** incorporating the OT58 chromed brass spring latch, machined from solid.
With hole for inserting the PZ ✦ cylinder for manual release.

- Dimensions 130 x 49 x 38 mm (for each block)
- Overall weight 1 kg (excluding electric strike and cylinder)

* Note 1: The SLIM series electric strike to be inserted in **element A** should be chosen according to requirements

✦ Nota 2: For mechanical opening, use a key/key or key/knob type PZ cylinder of any make or model. The length should be chosen according to the thickness of the leaf of the door. The cylinder has to be purchased separately.

Nota 3: For timer and monitoring functions see Handtronix in the SECURITY price list.

Export Product-list
January 2024

TECNODIMENSIONE®

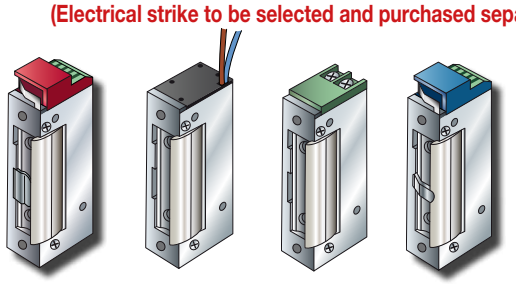
Ordering information		Q.ty
MODELS		**N°**

Available in 4 configurations according to the direction in which the door opens.

		secure ‘Clean Cover’ housing only
BLINDO-DOORSTRIKE housing only (without electrical strike body)	**Configuration TD1 = for right-hand inward opening door to exit**	**0150FCK1**
	Configuration TS2 = for left-hand inward opening door to exit	**0150FCK2**
	Configuration SD3 = for right-hand outward opening door to exit	**0150FCK3**
	Configuration SS4 = for left-hand outwards opening door to exit	**0150FCK4**
Alignment shim plate (2 mm) in anodised aluminium:	for **element A**	**0150FCKA**
	for **element B**	**0150FCKB**

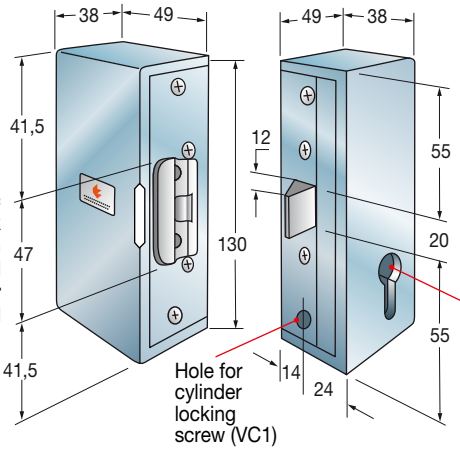
TECHNICAL SPECIFICATIONS

NEWSLIM electrical door strike body to be inserted into the secure ‘Clean Cover’ BLINDO-DOORSTRIKE housing
(Electrical strike to be selected and purchased separately)


Classic Waterproof Greentronix Fire

choose the model and version of the Electrical Door Strike according to requirements

Example of a NEWSLIM electrical door strike (any of the above models) installed in the secure **BLINDO-DOORSTRIKE** housing



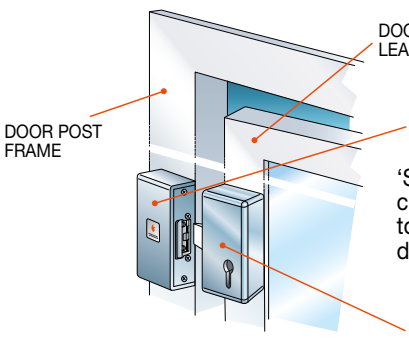
Element ‘A’ = housing block shown with the selected electrical door strike installed

Element ‘B’ = housing block with spring latch

Hole for PZ cylinder, for unlocking with key

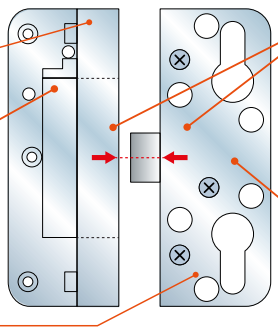
Hole for cylinder locking screw (VC1)

Example of surface mounted NEW BLINDO-DOORSTRIKE on a pull to exit door



‘Surface mount’ bracket (without housing) to be fixed to the door post frame

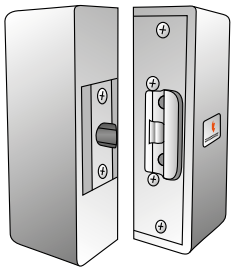
Features for the alignment of elements **A** and **B** of the NEW **BLINDO-DOORSTRIKE**



Arrows engraved on the elements to assist alignment during assembly. If the two elements are not correctly complanar aligned, use the appropriate shim plates Mod. 0150FCKA e/o Mod. Mod. 0150FCKA

‘Surface mount’ lock with latch (without housing) to install on the leaf of the door

Note:
MODEL WITHOUT MANUAL RELEASE KEY
for model with release key see page 55



ULTRA COMPACT ELECTRICAL DOOR STRIKE
BLINDO-DOORSTRIKE
in *"CLEAN COVER"* by single block for surface mount
without key override manual release

Export Product-list
January 2018

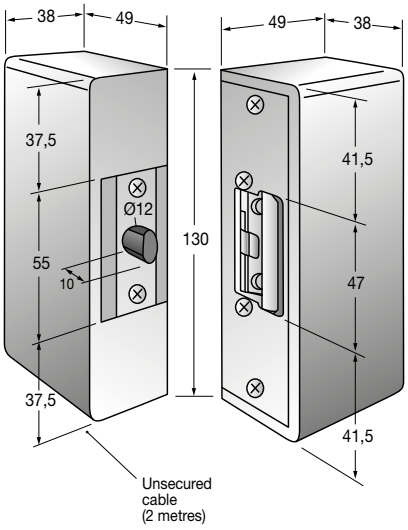
TECNODIMENSIONE®

Ultra-compact electrical door strike with full coverage ***"CLEAN COVER"*** made by single block of anodised aluminium.
Ideal for jutting assembly, easy to handle and install by fixing it to door surface without any chasing and/or cutting on any type of door frame = DRILL&GO.

SLIM-DOORSTRIKE
without key
for surface mounting "DRILL&GO"
in protective "CLEAN COVER" housing

Element "A"= housing lock with mini spring bolt

Element "B"= housing with door strike



(overall dimensions in mm)

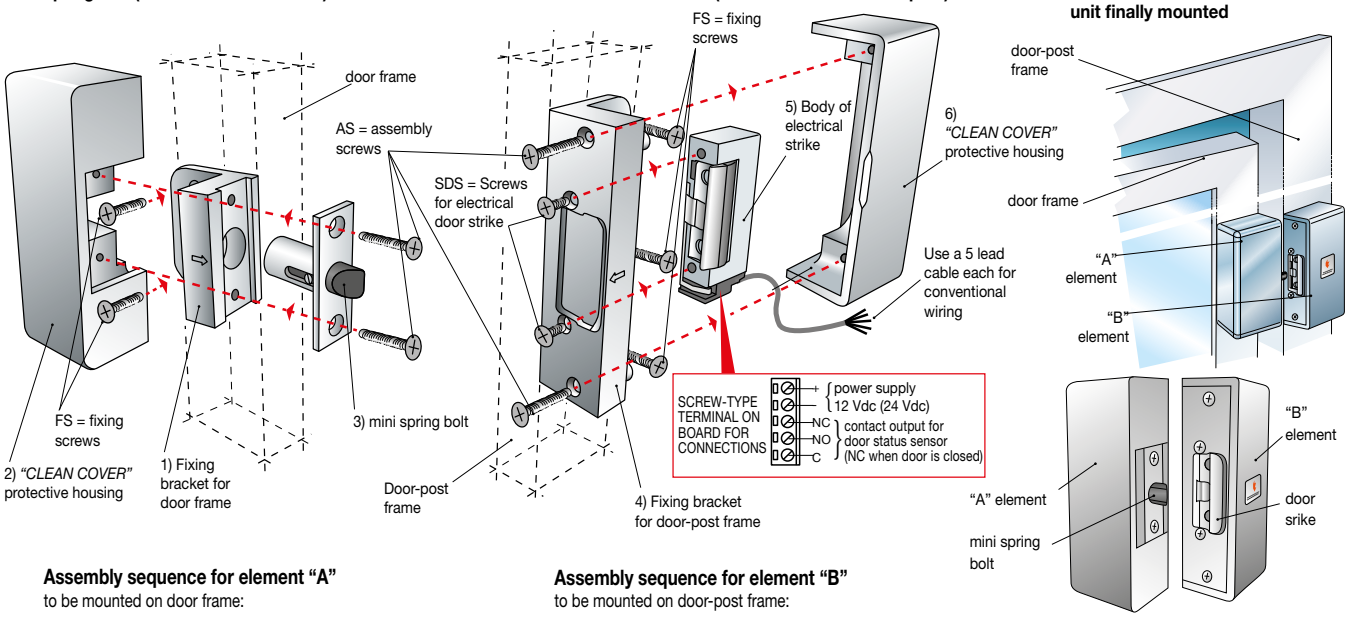
	Ordering information MODELS		Q.ty N°
Fail-secure version (security) = powered release. **If there is no power, the SLIM DOORSTRIKE closes to prevent unauthorized access.** **Fail-safe version (anti-panic)** = release without power. **If there is a fire in case of power latch, the SLIM DOORSTRIKE releases automatically to enable a safe evacuation.**			
Models for 12 Vdc power supply			
SLIM-DOORSTRIKE electrical door strike electrical door strike for conventional mount and screw terminal board for conventional connection to any system, even pre-existent. Equipped with ***"CLEAN COVER"*** protective case in single billet of anticorodal, anodized and mechanically polished aluminium, taken from full part. For easy surface assembly with special invisible anti-removal rod without any visible screws. **Fail-secure version** with powered release. Kit with two Right/Left elements for pull and push doors: element "A": is the case that includes the electrical reference to be secured on counter. Element "B": is the loose reference bolt to be secured on the door leaf frame matching element "A". - With 100% ED reel for uninterrupted functioning. - Includes a Reed sensor to control door status. - Power supply 12 VDC/280 mA - Overall dimensions 137 x 49 x 38 mm (for both units) - Weight kg 1,100	**0156J12DCM** for pull-open doors **0156J12SCM** for push-open doors		
SLIM-DOORSTRIKE fail-safe version. Right/Left kits for pull and push doors. Same as above but releases in event of power latch.	**0158J12DCM** for pull-open doors **0158J12SCM** for push-open doors		
Models for 24Vdc power supply (on request)			
SLIM-DOORSTRIKE fail-secure version. Kit with two Right/Left elements for pull and push doors. Same as above but with 24VDC/140 mA power supply.	**0156J14DCM** for pull-open doors **0156J14SCM** for push-open doors		
SLIM-DOORSTRIKE fail-safe version. Reversible kit with two Right/Left elements for pull and push doors. Same as above but with 24VDC/140 mA of power latch.	**0158J14DCM** for pull-open doors **0158J14SCM** for push-open doors		

PROCEDURE FOR INSTALLING THE BLINDO ELECTRIC DOOR STRIKE IN AKEYLESS 'CLEAN COVER' HOUSING

"A" element exploded view
Housing protective *"CLEAN COVER"* which includes mini spring bolt (to be mounted on door)

"B" element exploded view
Housing protective "CLEAN COVER" which includes electrical door strike (to be mounted on door-post)

Example of one door complete with doorstrike CLEANCOVER-DOORSTRIKE unit finally mounted



Assembly sequence for element "A"
to be mounted on door frame:

a) secure the bracket (1) on the door with the two FS fixing screws
b) Insert the protective housing (2) to cover the bracket (1).
c) insert the mini spring bolt (3) in the hole in the bracket and assembly all parts with the two supplied pass-through AS screws that link all the three parts together.

Assembly sequence for element "B"
to be mounted on door-post frame:

a) secure the bracket (4) on the door-post with three FS fastening screws.
b) secure the electrical door strike body (5) with the two SDS screws supplied with the bracket (4).
c) i insert the protective housing (6) to cover the bracket (4) with electricaldoor strike (5) and connect all parts with the two AS supplied pass-through screws that linck all the three parts together.

Note:
AS = 4 assembly screws
SDS = 2 screws for electrical door strike supplied together.
FS = 5 fixing and fastening screws on frame should be provided by installer (based on type of frame).

PROFESSIONAL
ELECTRICAL LOCKS

Introduction to the choice of Mini electromagnets multipurpose

The entire range of Tecnodimensione's professional electromagnets is designed and built to meet the most demanding ‘electromagnetic lockout' requirements.

The types of mini-electromagnets are intended for:

- Applications on structures designed keep specific doors closed.
  Not necessarily to provide extreme resistance to attempted break-in, but whose purpose is that of monitoring to prevent forced entry and to discourage misuse, diversions or damage to access doors. Doors through which unauthorised persons must not pass (e.g. emergency exits, classified areas such as sterile rooms, hospital wards with problematic patient areas, etc.).
  At the same time, these controlled doors can be opened and unlocked without jamming in the event of a hazard, fire, etc., becoming safe passageways or escape routes with automatic panic release in the event of a power failure.

- Very small, compact and elegantly designed. They achieve their goal of being 'the electromagnetic locking block' with the lowest aesthetic impact on the door structure compared to conventional electromagnets available on the market.

- Two holding functions: front anchoring with ‘magnetic adhesion' or recessed with 'shear locking’.

- Functional purposes: 'Fail-Safe' automatic anti-panic and crush safe.

- Power supply: 12Vdc/7mA (very low consumption unit).

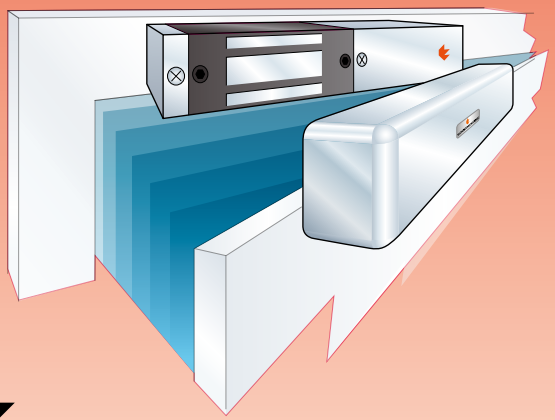
- External protection: with anodised monobloc aluminium 'Clean Cover' protective housing machined from solid, for easy, non-removable surface mounting with no visible screws.

MINI ELECTROMAGNETS MULTIPURPOSE

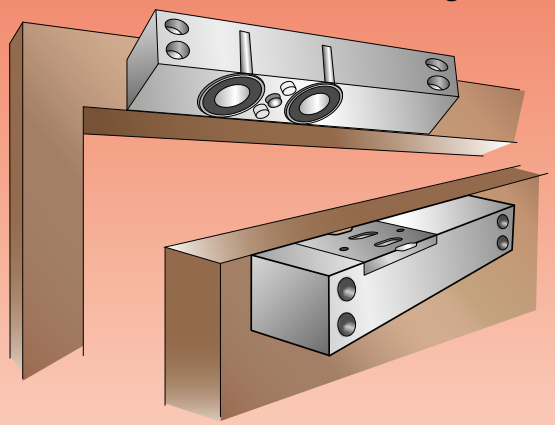
2 types available

FOR EASY SURFACE MOUNT INSTALLATION

Slim Minisentrylock Series
in "CLEAN COVER" housing



Slim Shearlock Series
in "CLEAN COVER" housing



FRONT LOCKING

Front mounted mini-electromagnets with magnetic adhesion.

Frontal anchorage is achieved by magnetic adhesion between the face of the electromagnet and the face of the counter plate.
In practice, when the door is aligned in the stop moulding, the two coplanar surfaces fit together perfectly and a magnetic hold is established between them (with a powered holding electromagnet).
Key features:

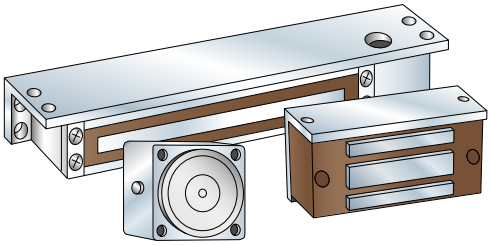
- Fail-Safe: emergency unlock even in the event of a fault (release in the event of a power failure).
- Crush-safe: the unlock door command works even if pressure is applied to the door (e.g. crowds of people).
- Monitoring: fitted with a sensor to indicate door status (closed/open).

SHEAR LOCKING

Recessed shear-locking mini-electromagnets.

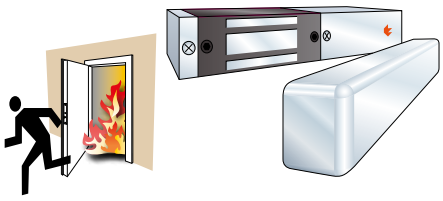
The shear anchoring is obtained by means of 2 stainless steel pins (located at the ends of the face of the electromagnet) which fit into the 2 correspondingly shaped seats (indentations) on the face of the floating counter plate.
In practice, when the door is aligned in the stop moulding, the electromagnet (when energised) attracts the face of the floating counter plate, which, when raised, aligns with the corresponding face of the electromagnet.
This causes the 2 stainless steel interlock with it.
In this case, the high resistance shear locking is by recessed mounting.
Key features:

- Fail-Safe: emergency unlock even in the event of a fault (release in the event of a power failure).
- Resistance: is greatly increased (compared to simple magnetic adhesion) due to the magnetic interlocking of the two stainless steel pins.
- Monitoring: fitted with a sensor to indicate door status (closed/open)



OTHER TYPES AVAILABLE

Universal Magnets of VARIOUS STRENGTHS and DIMENSIONS
see page 62



Automatic fail-safe unlock. In the event of fire or power failure it automatically unlocks freeing the exit....it's **FAIL-SAFE!**

PROFESSIONAL MINI ELECTROMAGNETS
SLIM-MINISENTRYLOCK
in "CLEAN COVER"
Front holding electromagnet for crush-safe door locking

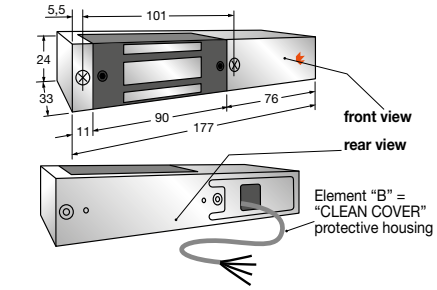
Export Product-list
January 2024

TECNODIMENSIONE®

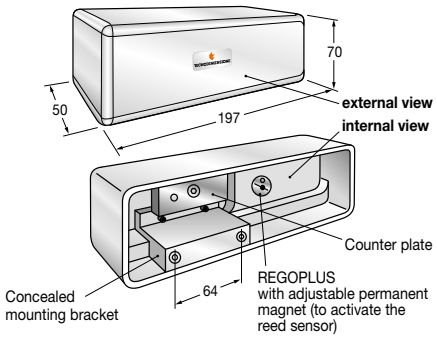
Mini elettromagnet with full coverage ***"CLEAN COVER"*** made by single block of anodised aluminium.
Ideal for surface mount and surface applications on any type of door frame = DRILL&GO.

	Ordering information		Q.ty
	MODELS		**N°**
SLIM- MINISENTRYLOCK for surface mounting "DRILL&GO" in protective *"CLEAN COVER"* housing			
Ultra compact mini electromagnet **SLIM-MINISENTRYLOCK** encased in protective "smooth" (roughness-free) and easy to clean case. Manageable and easy to install on door surfaces without any need to drill and/or cut door frames = DRILL&GO.			
Models for 12 Vdc power supply			
SLIM-MINISENTRYLOCK **fail-safe version (anti-panic)** mini electromagnet in ***"CLEAN COVER"*** case complete with 4-lead flying cable (2 m) of which 2 from the door status sensor and 2 for power. The kit contains two components: **element "A"**: is the electromagnet (to be fitted to the top rail of the door frame) and **element "B"**: which is the protective ***"CLEAN COVER"*** (to be fitted over component "A" on the upper side of door leaf). - 12 Vdc/70 mA power supply (units with very low consumption). - Pressure resistance 60 Kp (equivalent to 600 Newton) to be enough and prevent adequately un-authorized opening of the door. - Frontal lock with strike plate (armature) - Adjustable Regoplus proximity reed sensor for controlling door status with 1A SPDT switch. - Protective Anticorodal, anodised and mechanically brushed aluminium ***"CLEAN COVER"*** made by single block for easy installation with concealed non-removable bracket. - Dimensions 197 197 x 70 x 50 mm - Weight Kg 1.55	**0020804A2UM**		
Models for 24 Vdc power supply			
SLIM-MINISENTRYLOCK electromagnet as above but for a 24 V DC /50 mA power supply	**0020804A4UM**		

Element "A" = body of electromagnet

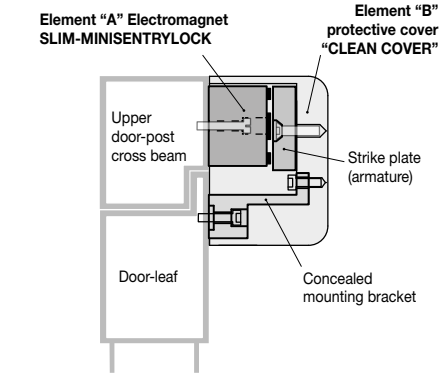


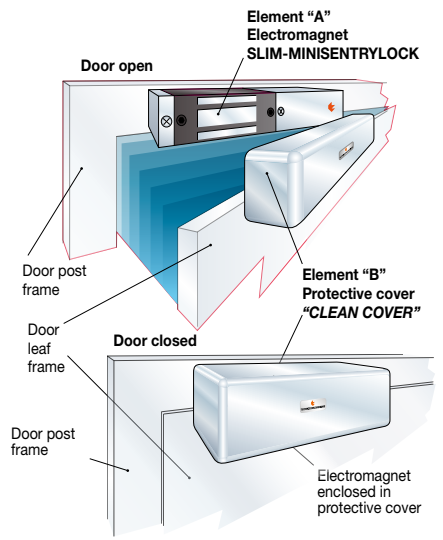
Element "B" = *"CLEAN COVER"* protective housing



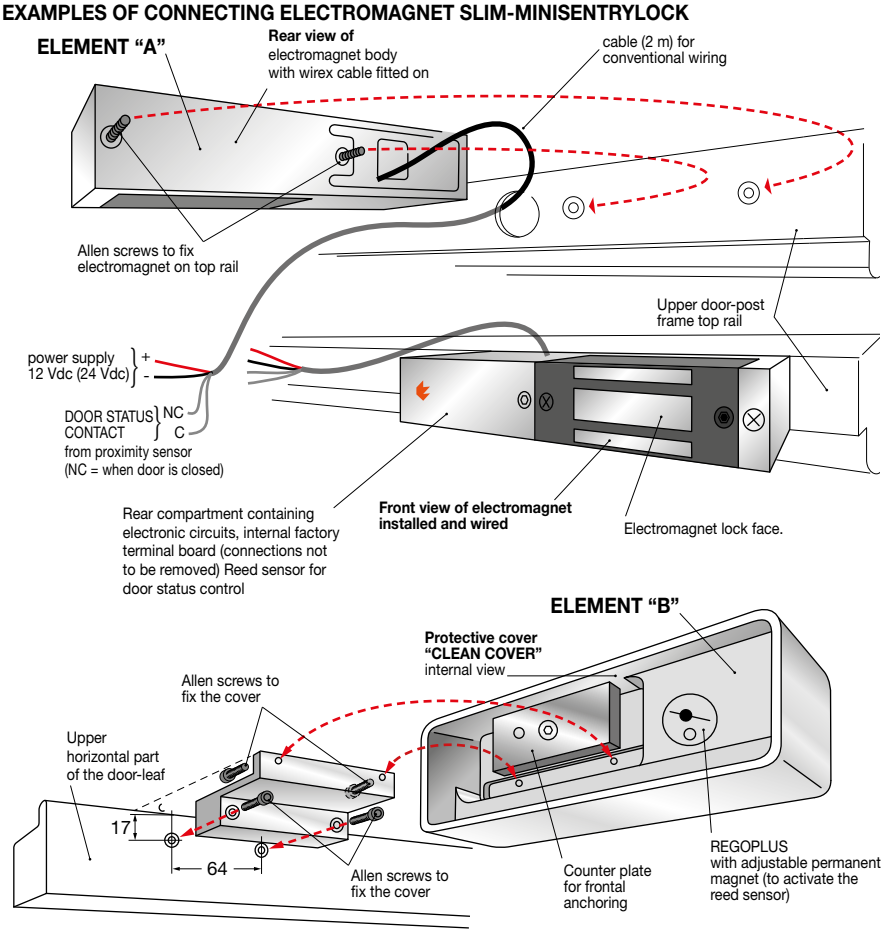
(overall dimensions in mm)

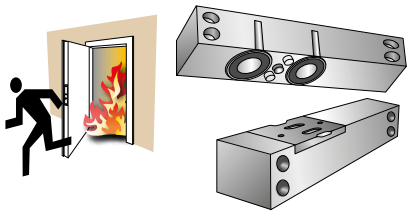
CROSS SECTION VIEW





EXAMPLES OF CONNECTING ELECTROMAGNET SLIM-MINISENTRYLOCK





Automatic fail-safe unlock. In the event of fire or power failure it automatically unlocks freeing the exit....it's **FAIL-SAFE!**

PROFESSIONAL MINI ELECTROMAGNETS
SLIM-SHEARLOCK
in "CLEAN COVER" housing
Shear-locking electromagnet

Export Product-list
January 2024

TECNODINAMENSIONE®

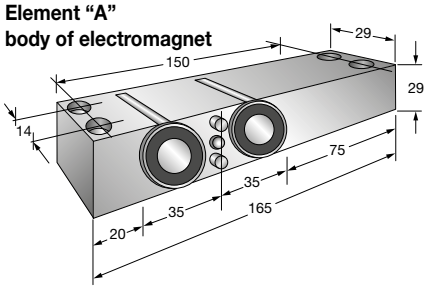
Mini elettromagnet with full coverage ***"CLEAN COVER"*** made by single block of anodised aluminium.
Ideal for surface mount and surface applications on any type of door frame = DRILL&GO.

Ordering information		Q.ty
MODELS		**N°**

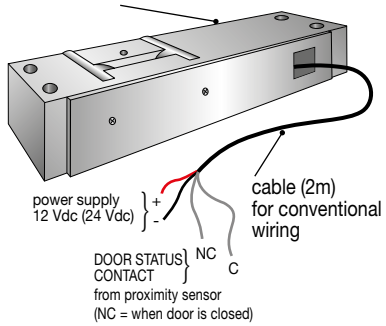
SLIM-SHEARLOCK
'DRILL&GO' shear-locking holding electromagnet for surface-mounting

Ultra compact mini electromagnet **SLIM-MINISENTRYLOCK** encased in protective "smooth" (roughness-free) and easy to clean case. Manageable and easy to install on door surfaces without any need to drill and/or cut door frames = DRILL&GO.

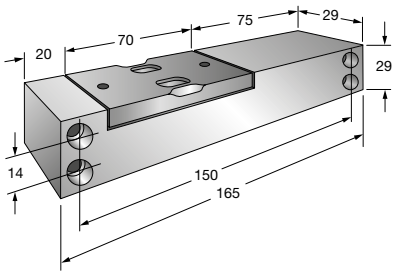
Element "A"
body of electromagnet



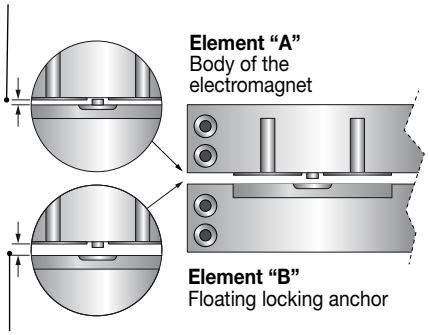
Element "A"
Body of electromagnet:
rear view cable fitted



Element "B"
Floating locking anchor



minimum distance 2 mm

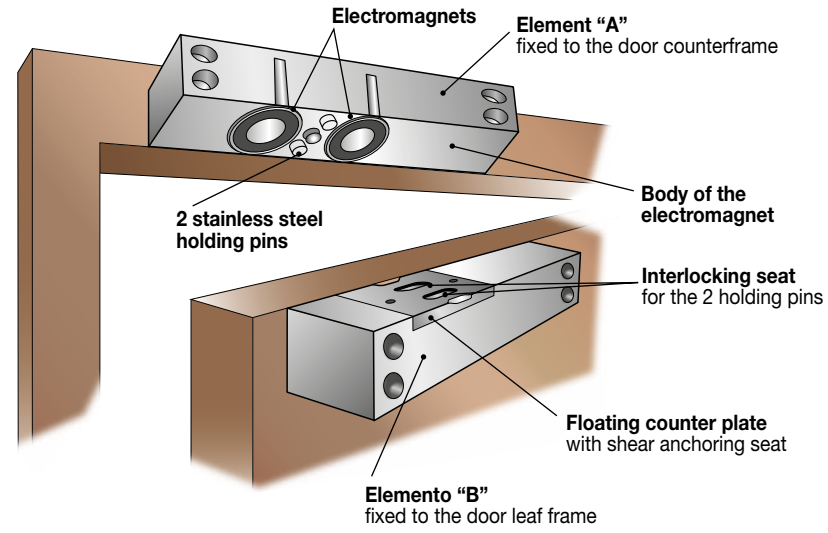


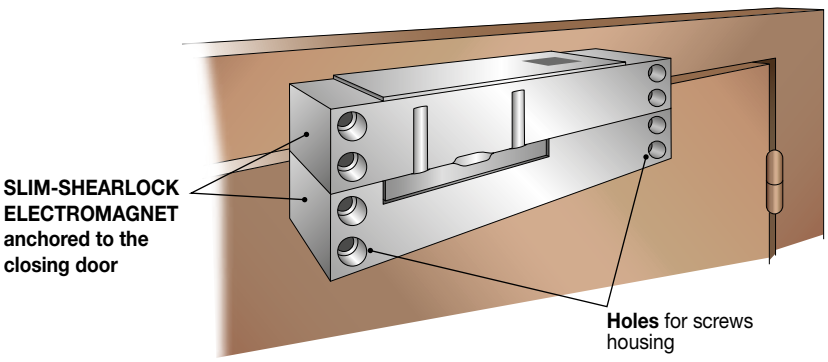
maximum distance 5 mm

(dimensions in mm)

Models for 12 Vdc power supply			
SLIM-SHEARLOCK **fail-safe version (anti-panic)** mini electromagnet in ***"CLEAN COVER"*** case complete with 4-lead flying cable (2 m) of which 2 from the door status sensor and 2 for power. The kit contains two components: **element "A"**: is the electromagnet (to be fitted to the top rail of the door frame) and **element "B"**: which is the protective ***"CLEAN COVER"*** (to be fitted over component "A" on the upper side of door leaf). - 12 Vdc/70 mA power supply (units with very low consumption). - High thrust resistance due to 2 interlocking stainless steel pins - Shear anchorage - Protective Anticorodal, anodised and mechanically brushed aluminium ***"CLEAN COVER"*** made by single block for easy installation with concealed non-removable bracket. - **element "A":** overall dimensions electromagnet 165x29x29 mm - **element "B":** overall dimensions electromagnet 165x29x29 mm - Weight kg 0,9	**002093B2WEP**		
Models for 24 Vdc power supply			
SLIM-SHEARLOCK electromagnet like above but with 24 Vdc/50 mA power supply	**002093B4WEP**		

EXAMPLES OF CONNECTING ELECTROMAGNET SLIM-SHEARLOCK

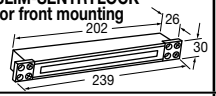
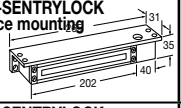
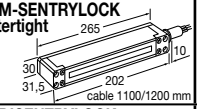
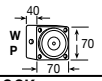
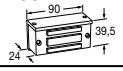
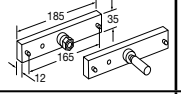
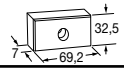
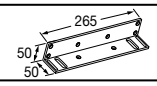
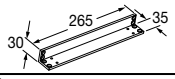
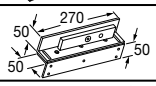
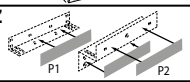
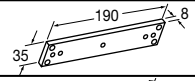
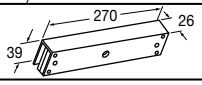
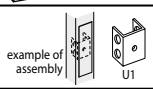
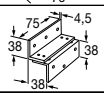
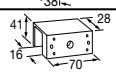




UNIVERSAL HOLDING ELECTROMAGNETS

Export Product-list
January 2024

TECNODINAMICA®

TECHNICAL CHARACTERISTICS FAIL-SAFE: unlock immediately upon removal of power. CRUSH SAFE: the "open-door" command operates (doesn't jam) even if crowds are crushing the door (in frontal striking configuration X).	**STRIKING CONFIGURATION** **X** = Front locking **Z** = Shear locking)	**HOLDING FORCE** 10 Newton = 0,98 kg kg/Nw	**UNIVERSAL OPERATING VOLTAGE** or P version, define 12 or 24V Vdc	**CURRENT DRAW** mA	**ELECTRONIC MONITORING** **MAGNETIC BOND SENSOR** to control holding force	**V** = Green led **R** = Red led	**BUILT-IN RELAY** 1 SPDT contact - 1A/30V in changeover	**W** = PG7 cable gland in tin **I** = Flush mounting **S** = Surface mounting	Ordering information **MODELS**		Q.ty **N°**
SLIM-SENTRYLOCK for front mounting 	X	300/3000	12/24V	500/250	●	---	●	I	**002075B33I**		
SLIM-SENTRYLOCK surface mounting 	X	300/3000	12/24V	500/250	●	●	●	S	**002075B33S**		
SLIM-SENTRYLOCK watertight 	X	300/3000	12/24V	500/250	●	---	●	W	**002075B33H**		
MEDISENTRYLOCK semplified 	X X X	180/1800 150/1500 125/1250	12/24V 12/24V 12/24V	420/210 240/120 150/70	--- --- ---	--- --- ---	--- --- ---	S S S	**002083A39Y** **002083A37Y** (on request) **002083A30Y** (on request)		
MINISENTRYLOCK 	X	70/700	12/24V	340/165	---	---	---	S	**0020804A2UY**		
ACCESSORIES											
STRIKE PLATE		**MANDATORY - accessory to be coupled to:**					**STRIKING CONFIGURATION**				
SLIM-MONOFACE 	X1	SLIM-SENTRYLOCK For all models – recessed/surface-mount/waterproof					FRONTAL (SLIM-MONOFACE)		**0020750X1**		
MEDIFACE	X1	MEDISENTRYLOCK					FRONTAL (MEDIFACE)		**0020800X1**		
MINIFACE 	X1	MINISENTRYLOCK					FRONTAL (MINIFACE))		**0020700X1**		
ANGULAR BRACKETS		**OPTIONAL - accessory to be coupled to:**					**STRIKING CONFIGURATION**				
LS 	L1	"L-shaped" anodised aluminium corner bracket for surface-mounted SLIM-SENTRYLOCK							**0020750L1**		
I 	L1	"L-shaped" anodised aluminium corner bracket for waterproof SLIM-SENTRYLOCK							**0020750I1**		
LZ2 	LZ2	"Z-shaped" anodised aluminium pair of corner brackets for surface-mount/water-proof SLIM-SENTRYLOCK							**0020750Z2**		
PZ 	P1 P2	a self-adhesive screw cover plate for "L-shaped" corner bracket (excluding bracket) Set of two self-adhesive screw cover plates for "Z-shaped" corner brackets (excluding brackets)							**0020750M1** **0020750M2**		
F 	F	Special bracket for surface-mounted SLIM-SENTRYLOCK fire doors							**0020750F1**		
G 	U1	"Star-shaped" anodised aluminium brackets for SLIM-SENTRYLOCK glass doors							**0020750G1**		
U 	U1	"U-shaped" anodised aluminium bracket for SLIM-SENTRYLOCK sliding doors							**0020750S1**		
LM	L1	"L-shaped" anodised aluminium corner bracket for floor-mount (or other) MEDISENTRYLOCK							**0020800L1**		
Z 	LZ2	Pair of "Z-shaped" angular brackets in anodised aluminium for MINISENTRYLOCK							**0020804Z2**		
G 	U1	"Star-shaped" brackets for doors in glass only in anodised aluminium for MINISENTRYLOCK							**0020804G1**		

Note: The published prices of holding electromagnets do not include the accessories. Particularly do not forget to order the proper strike that is mandatory for the operation of any electromagnet.

DOOR MANAGEMENT SYSTEMS

Implementation devices for door management systems

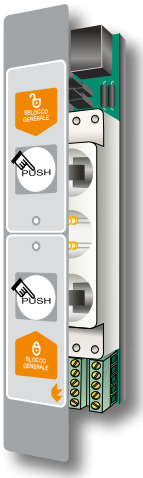
5 devices with

5 different functions

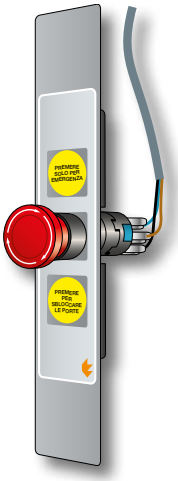
Stop/go display
SLIM-DUALUX

Stop/go sensorized display
SLIM-DUALUX

Push-button unit
SLIM-DUALPUSH

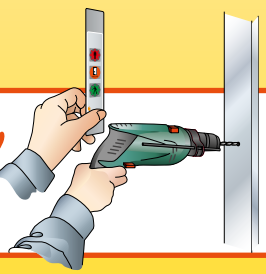


Emergency “mushroom” button
SLIM-HELPYPUSH



Intercom
SLIM-DUALVOX

in a unified & convertible format



NEW

FLAT-DUALUX
ultra-slim stop/go display for easy installaion

FOR AVAILABLE TYPES see pag. 80

SLIM& MODULAR

Ultra-slim and super-compact in a unified & convertible format.

Stop/go display
SLIM-DUALUX

Stop/go sensorized display
SLIM-DUALUX No-touch

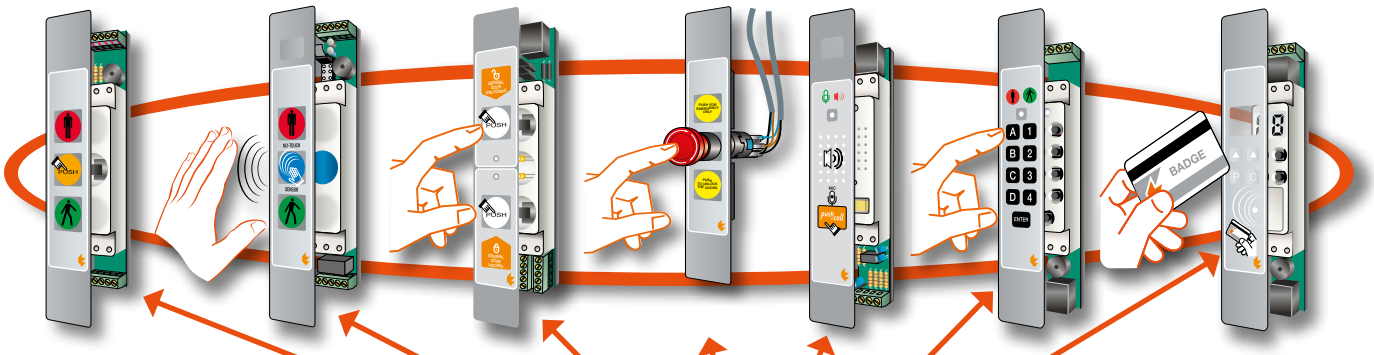
Push-button unit
SLIM-DUALPUSH

Push-button with "mushroom"
SLIM-HELPYPUSH

Intercom unit
SLIM-DUALVOX

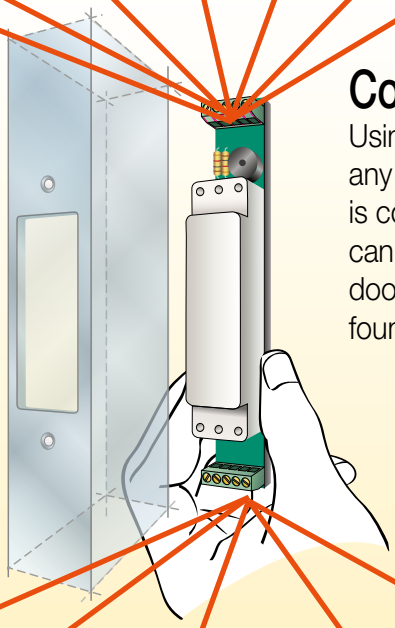
Keypad
SLIM-CODEGUARD

Badge reader
SLIM-PASSGUARD



Unified module because....

A full SLIM & MODULAR range of devices with different functions, operations and purposes (stop and go displays, entryphones, keypads, such as code keypads, badge readers and micro stop and go display control units of the same series...) designed and made keepinga single module of the same size for all as a base element.
In fact, all the devices have the same appearance, size and modularity to be interchangeable and housed in the same unified chasing of the previous lock.

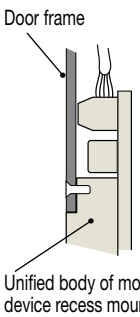


Convertible because...

Using unified flanges, cases and boxes, any unified SLIM & MODULAR device is convertible into 5 different types that can be installed in any way, next to the door, based on the assembly needs found in the field.

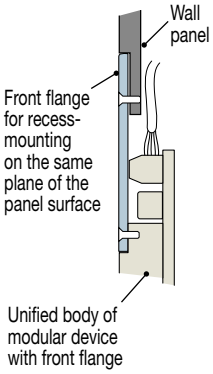
Assembly type 1

fully aligned concealed
for recess-mounting without flange on the same plane of the door frame panel



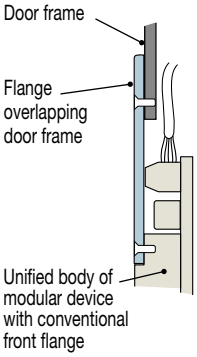
Assembly type 2

fully aligned at milling
for recess-mounting with front flange on the same plane of the panel surface



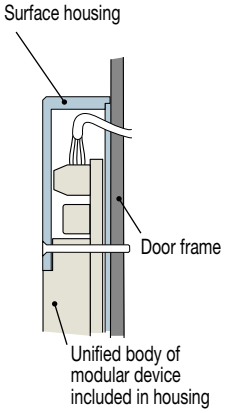
Assembly type 3

for conventional flush mounting
with front flange overlapping door frame



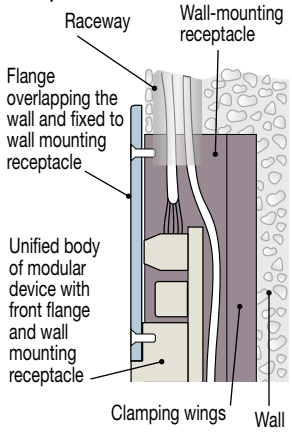
Assembly type 4

for surface mounting
with using housing

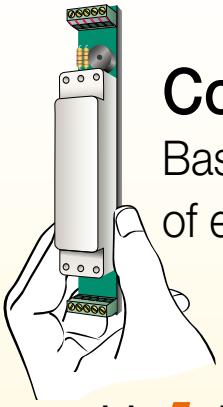


Assembly type 5

for recessed wall-mounting
with flange and wall-mounting receptacle



SLIM& MODULAR



Convertible unified module.

Basic reference for construction of each SLIM & MODULAR device.

5 devices with *5* different functions, in a single unified convertible module.

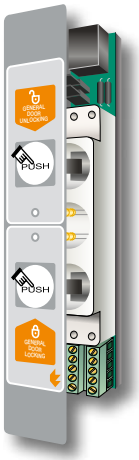
Stop/go display
SLIM-DUALUX

The stop and go display is a device with a red/green light and international STOP/GO symbols designed to regulate transit in various controlled entrances.
It has a manual pressure button for opening the door and/or ringing the bell.

Stop/go sensorized display
SLIM-DUALUX No-touch

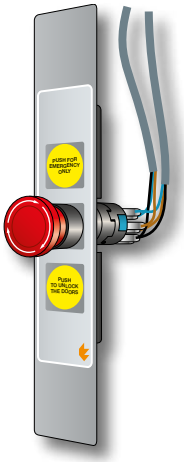
This is the stop and go display (instead of the manual pressure button) with an infrared sensor that "sees" a presence up to 10 cm away.
The "contactless" door-opening command and/or bell works automatically by bringing the hand close without touching anything.

Push-button unit
SLIM-DUALPUSH



It is the keypad device with 2 independent multi-functional buttons that activates the specific command, using its various exist contacts pressed manually, according to the programme.

Emergency "mushroom" button
SLIM-HELPYPUSH

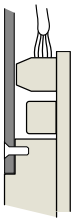


It is the red "mushroom" button to be pressed manually to unlock partly and/or fully the doors, to stop processing cycles, to set off fire, emergency alarms etc.

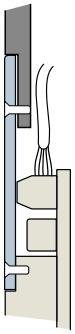
Intercom
SLIM-DUALVOX

The talk-listen unit is the device that, when matched to another identical unit, in tandem and/or in multiples (with special Voxtronix centralisation module), allows voice intercommunication between different remote stations.
The "Push&Call" button activates the start of the conversation in "alternated listen and answer mode".
The two-colour LED (red/green) signals the current "Listen/Talk" status.

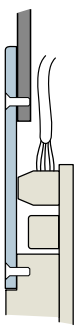
All convertible into *5* different types of installation next to the door.



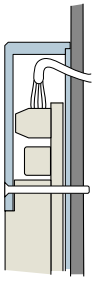
Assembly type **1**
fully aligned concealed
for recess-mounting without flange on the same plane of the door frame panel



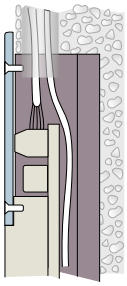
Assembly type **2**
fully aligned at milling
for recess-mounting with front flange on the same plane of the panel surface



Assembly type **3**
for conventional flush mounting
with front flange overlapping door frame



Assembly type **4**
for surface mounting
with using housing



Assembly type **5**
for recessed wall-mounting
with flange and wall-mounting receptacle

DOOR MANAGEMENT SYSTEMS

SLIM-DUALUX
PROFESSIONAL STOP/GO DISPLAYS

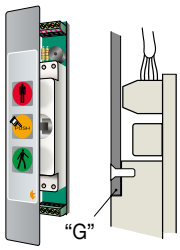
- With 2 “screw-type” terminal boards for conventional cables
- Green/red light + buzzer + multifunctional push button with “dry” changeover contacts (no voltage).
- 1 self-adhesive cover in polycarbonate, 180 x 30 mm, R2,5, thickness 0.3 mm with international symbols, available in 7 colours.

Export Product-list
January 2024

TECNODIMENSIONE®

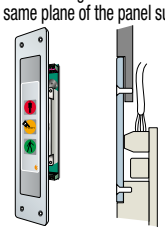
Ordering information		Q.ty

Assembly type 1
fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel ✻



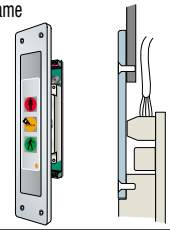
Models for 12Vdc/70mA power supply	MODELS		N°
SLIM-DUALUX stop and go display type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "smooth" surface (without roughness) that is easy to clean. Supplied with diffuser screen and gap G for sections with a thickness of 1.6 mm. Complete with self-adhesive cover designed to be applied after the final installation of the system. **✻ In this case it is advisable to prepare the recess during the door frame machining.**	034981CM2U		
Same with diffuser screen and gap G for sections with a thickness of 3 mm.	034981CM2U3		
Models for 24Vdc/40mA power supply (on request)			
SLIM-DUALUX stop and go display same but with 24 Vdc/40mA power supply with diffuser screen with G gap for sections with a thickness of 1.6 mm	034981CM4U		
Same with diffuser screen and gap G for sections with a thickness of 3 mm	034981CM4U3		

Assembly type 2
fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆



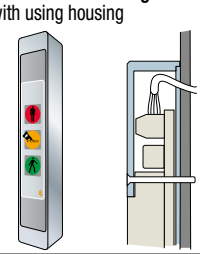
Models for 12Vdc/70mA power supply			
SLIM-DUALUX stop and go display type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. **◆ In this case, it is advisable to prepare sunk milling during the panel machining phase.**	034982CM2U		
Models for 24Vdc/40mA power supply (on request)			
SLIM-DUALUX stop and go display same but with 24 Vdc/40mA power supply	034982CM4U		

Assembly type 3
for conventional flush mounting with front flange overlapping door frame



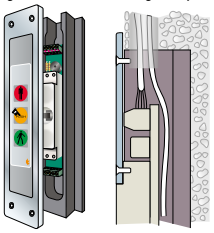
Models for 12Vdc/70mA power supply			
SLIM-DUALUX stop and go display type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche. **Mounting can be carried out "on site", directly onto the installed door frame.**	034983CM2U		
Models for 24Vdc/40mA power supply (on request)			
SLIM-DUALUX stop and go display same but with 24 Vdc/40mA power supply	034983CM4U		

Assembly type 4
for surface mounting with using housing



Models for 12Vdc/70mA power supply			
SLIM-DUALUX stop and go display type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. **Useful when you wish to avoid recess-mounting or cuts on the door frame.**	034984CM2U		
Models for 24Vdc/40mA power supply (on request)			
SLIM-DUALUX stop and go display same but with 24 Vdc/40mA power supply	034984CM4U		

Assembly type 5
for recessed wall-mounting with flange and wall-mounting receptacle



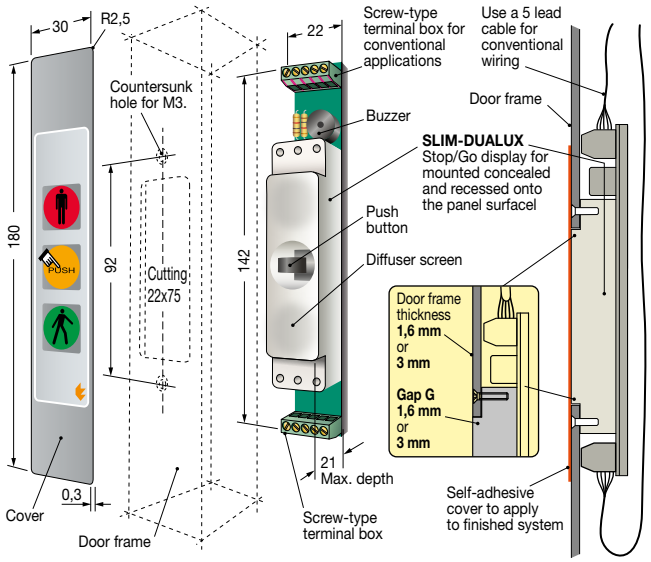
Models for 12Vdc/70mA power supply			
SLIM-DUALUX stop and go display type 5 for recessed assembly using flange and wall box. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. Also fitted with wall box with “wings” for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled “in a niche” in the wall to house the body of the stop and go display. **Wall niche and cable channel to be prepared beforehand.**	034985CM2U		
Models for 24Vdc/40mA power supply (on request)			
SLIM-DUALUX stop and go display same but with 24 Vdc/40mA power supply	034985CM4U		

Special configurations available at extra charge: Cover with your logo and/or customized.

For sizes, measurements and details of chasing, application examples and connection diagrams, see page 67.

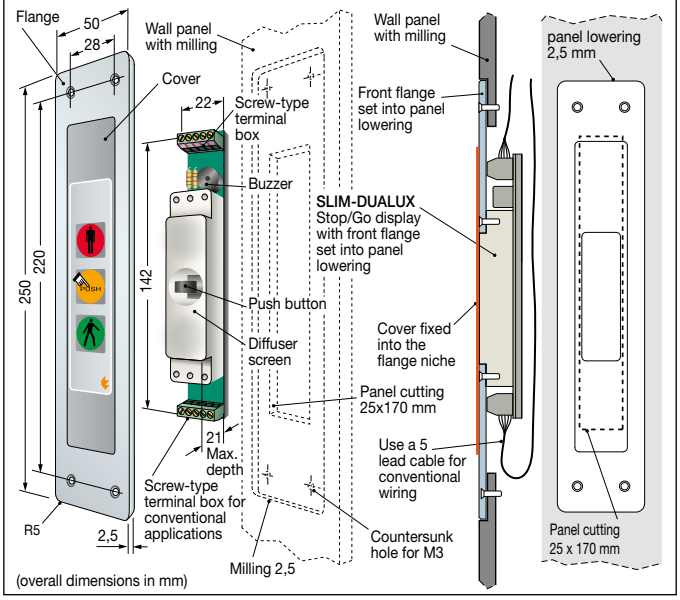
SLIM-DUALUX STOP & GO DISPLAYS - sizes, application examples and connection diagram

Assembly type 1 fully aligned concealed for recess-mounting on the same plane of the door frame panel without a flange



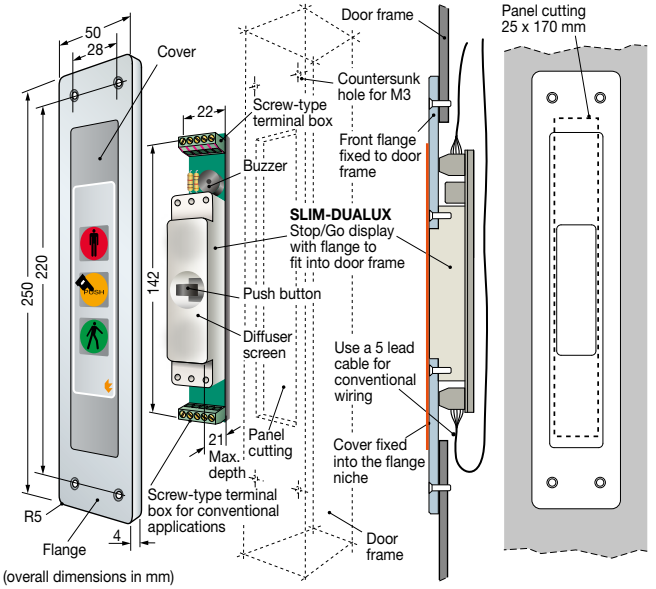
(overall dimensions in mm)

Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface



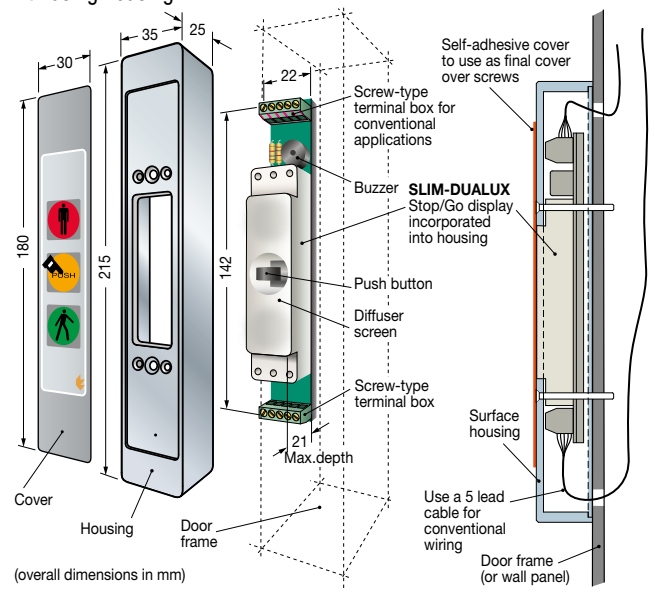
(overall dimensions in mm)

Assembly type 3 for conventional flush mounting with front flange overlapping door frame



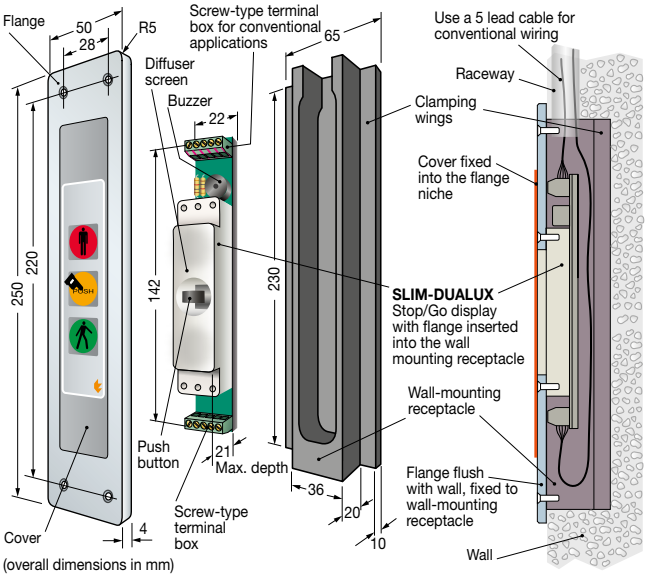
(overall dimensions in mm)

Assembly type 4 for surface mounting with using housing



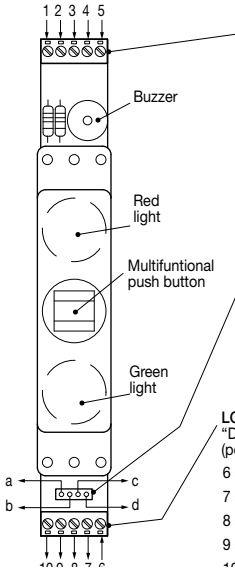
(overall dimensions in mm)

Assembly type 5 for recessed mounting in wall-mounting receptacle with flange and wall-mounting receptacle



(overall dimensions in mm)

CONNECTION DIAGRAM valid for all 5 types



UPPER SCREW TYPE TERMINAL BOX
INPUT for 12 VDC light control
(24 VDC available on request)

1 = control	(-)	for green LED
2 = control	(+)	for green LED
3 = control	(-)	for red LED
4 = control	(+)	for red LED
5 = control	(-)	buzzer

STRIP-LINE for "dry" OUTPUT contacts" (additional)

a = 1st pole of NC contact output
b = 2nd pole of NC contact output
c = 1st pole of NO contact output
d = 2nd pole of NO contact output

LOWER SCREW TYPE TERMINAL BOX
"Dry" OUTPUT contacts"
(potential free), capacity 1A

6 = + buzzer control input
7 = 1st pole for NC contact output (NC → NO when button is pressed).
8 = 2nd pole " " " " " " " " " " " " " "
9 = 1st pole for NO contact output (NO → NC when button is pressed).
10 = 2nd pole

"No-touch" version with contactless command

SLIM-DUALUX No-touch

PROFESSIONAL SENSORIZED STOP/GO DISPLAYS

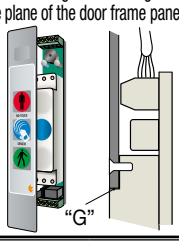
- With 2 screw-type terminal box for conventional cables
- Green/red light + buzzer.
- Equipped (instead of manual pressure button) with an infrared sensor that "sees" a presence up to 10 cm away.
  The "contactless" door-opening command and/or alarm works automatically by bringing the hand close, without touching anything.
- On board 1A/12Vdc relay with a dry exit contact (no voltage), programmable NO or NC, using the jumper.
  Timed command with exit relay that starts and remains activated for 8 seconds, each time the hand comes near the No-touch sensor's range of action.
- 1 adhesive cover in polycarbonate, 180 x 30 mm, R2,5, thickness 0.3 mm with 7-colour international symbols.

Export Product-list
January 2024

TECNODIMENSIONE®

Ordering information		Q.ty
Models for 12Vdc/70mA power supply	MODELS	N°

Assembly type 1
fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel ✻



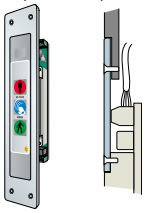
SLIM-DUALUX No-touch stop and go display type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange.
Ideal to achieve a "smooth" surface (without roughness) that is easy to clean.
Supplied with diffuser screen and gap G for sections with a thickness of 1.6 mm.
Complete with self-adhesive cover designed to be applied after the final installation of the system.

✻ In this case it is advisable to prepare the recess during the door frame machining.

034981HM2U

Same with diffuser screen and gap G for sections with a thickness of 3 mm. **034981HM2U3**

Assembly type 2
fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆

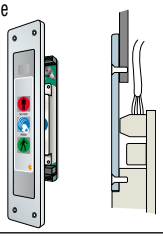


SLIM-DUALUX No-touch stop and go display type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out).
Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange.
Cover pre-assembled and fixed into the flange niche.

◆ In this case, it is advisable to prepare sunk milling during the panel machining phase.

034982HM2U

Assembly type 3
for conventional flush mounting with front flange overlapping door frame

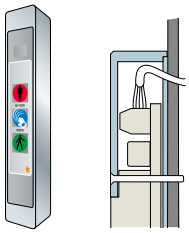


SLIM-DUALUX No-touch stop and go display type 3 for traditional recessed fitting using flange.
Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting.
Cover pre-assembled and fixed into the flange niche.

Mounting can be carried out "on site", directly onto the installed door frame.

034983HM2U

Assembly type 4
for surface mounting with using housing

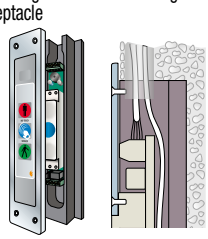


SLIM-DUALUX No-touch stop and go display type 4 for mounting placed on surface using housing.
With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm).
Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame.

Useful when you wish to avoid recess-mounting or cuts on the door frame.

034984HM2U

Assembly type 5
for recessed wall-mounting with flange and wall-mounting receptacle



SLIM-DUALUX No-touch stop and go display type 5 for recessed assembly using flange and wall box.
Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface.
Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche.
Also fitted with wall box with "wings" for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the stop and go display No-touch.

Wall niche and cable channel to be prepared beforehand.

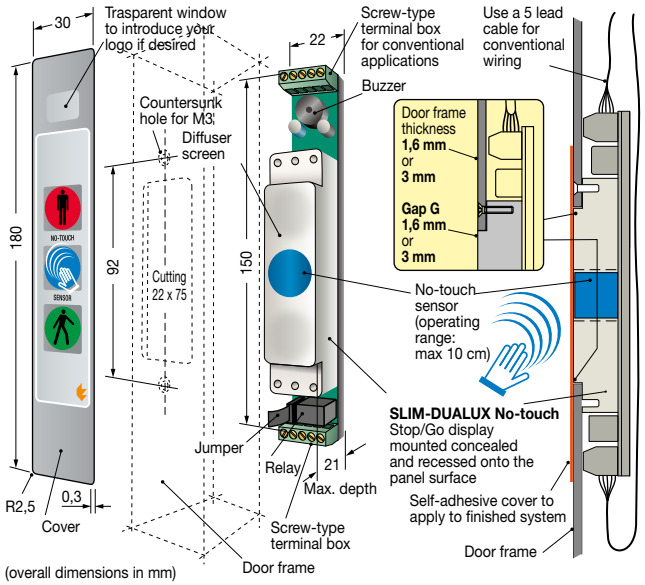
034983HM2U

Special configurations available at extra charge: Cover with your logo and/or customized.

For sizes, measurements and details of chasing, application examples and connection diagrams, see page 69.

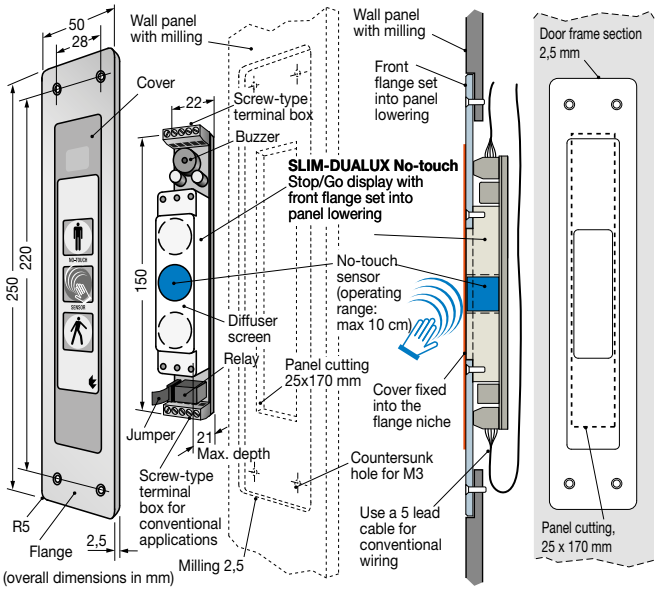
SLIM-DUALUX No-touch STOP & GO DISPLAYS - sizes, application examples and connection diagram

Assembly type 1 total alignment,
lock recessed into surface without flange



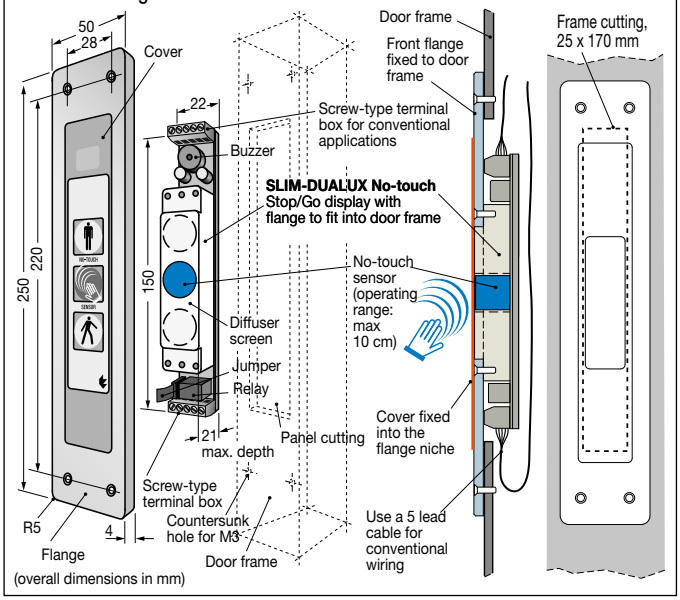
(overall dimensions in mm)

Assembly type 2 alignment at bottom
with front flange "flush with surface" at bottom



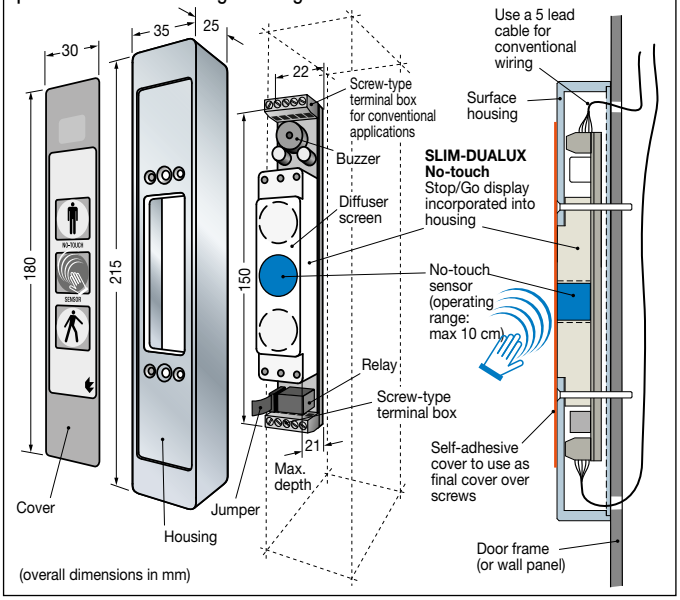
(overall dimensions in mm)

Assembly type 3 traditional fitting
with front flange over the lock



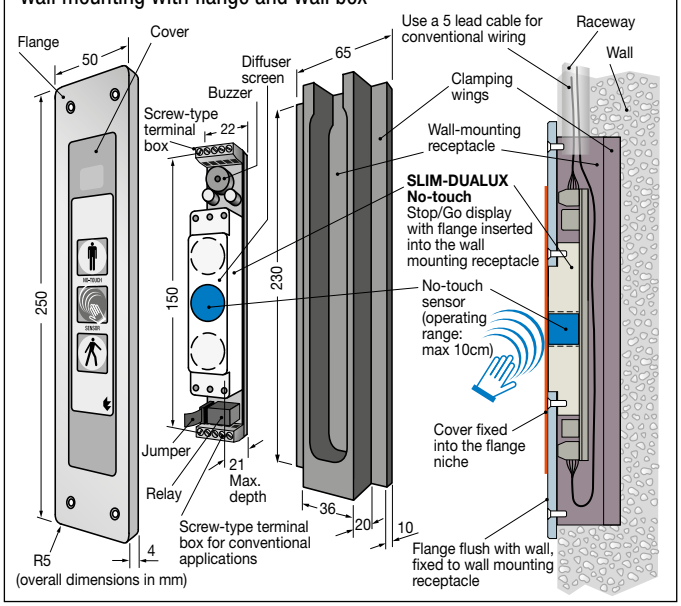
(overall dimensions in mm)

Assembly type 4 for mounting
placed on surface using housing



(overall dimensions in mm)

Assembly type 5 for recessed
wall mounting with flange and wall box



(overall dimensions in mm)

CONNECTION DIAGRAM valid for all 5 types

UPPER SCREW TYPE TERMINAL BOX
INPUT for 12 VDC light and buzzer control

1 = control	(+)	for green LED
2 = control	(-)	for green LED
3 = control	(+)	for red LED
4 = control	(-)	for red LED
5 = control	(-)	for buzzer

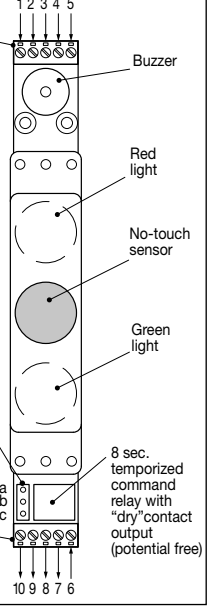
*JUMPER FOR CONTACT OUTPUT SETTING OF COMMAND RELAY

a b c — Jumper between **a** and **b** = at 9 and 10 terminals one "dry" contact NO output (NO → NC, when the "No-touch" sensor is activated by hand)

a b c — Jumper between **b** and **c** = at 9 and 10 terminals one "dry" contact NC output (NC → NO when the "No-touch" sensor is activated by hand)

LOWER SCREW TYPE TERMINAL BOX

6 = (+) buzzer control input
7 = power inlet (+) 12 Vdc
8 = power inlet (-) " "
9 = 1st pole for NO or NC output contact (see jumper setting*)
10 = 2nd pole " " " " " "



SLIM-DUALPUSH
PROFESSIONAL PUSH-BUTTON PANELS
for multiple independent controls

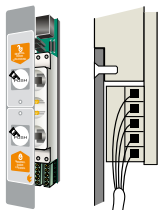
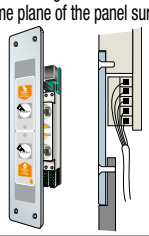
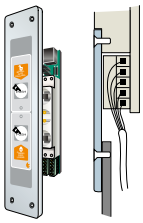
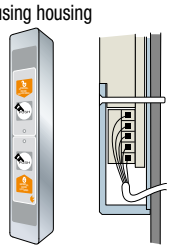
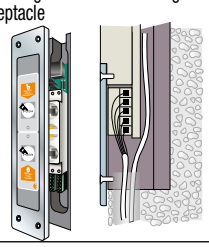
Fitted with 2 single PUSH buttons, each of which may have the following characteristics:
- C = Pushbutton with temporary contact ("ON" when the button is held down and return to "OFF" when it is released).
- I = Switch with stable ON/OFF contact ("ON" when the switch is initially pressed, "OFF" when it is pressed a second time).

NOTE = See also the codes of the applicable models.
Each button "A" or "B" is respectively lined to 2 output controls = 1 NO contact + 1 NC contact, both "dry" and free from voltage with a capacity of 0.5 A/12 Vdc.

- 2 yellow LED respectively associated with the corresponding button ("A" or "B") to confirm successful activation of command".
- With 2 screw-type terminal boxes, each with 5 terminals, for conventional cabling.
- Jumper bridges already programmed by the factory.
- 1 adhesive cover in polycarbonate, 180 x 30 mm, R2,5, thickness 0.3 mm with 7-colour international symbols; with 2 windows for the personalised indication of commands.

Export Product-list
January 2024

TECNODINAMENSIONE®

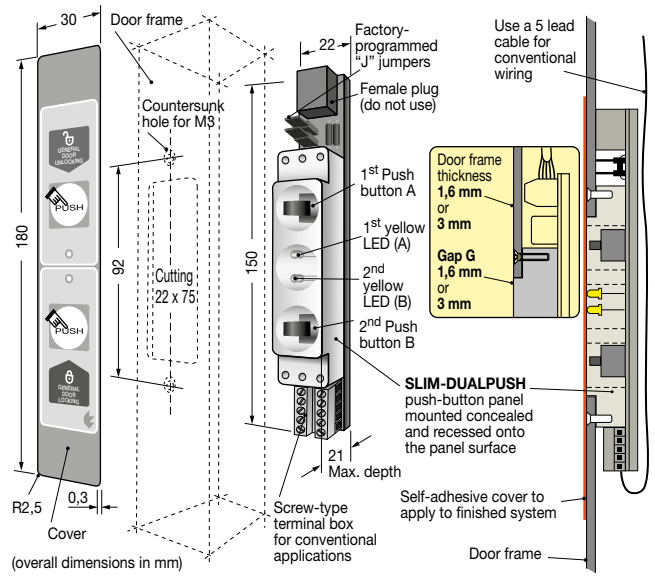
Ordering information		Q.ty
Models for 12Vdc/70mA power supply (on request on order models 24Vdc)	MODELS	N°
Assembly type 1 **fully aligned concealed** for recess-mounting without flange on the same plane of the door frame panel ✻ 	SLIM-DUALPUSH push button panels type 1 with individual dual controls and fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "smooth" (without roughness) that is easy to clean. Supplied with front panel and gap G for sections with a thickness of 1.6 mm. Complete with self-adhesive cover designed to be applied after the final installation of the system. **✻ In this case it is advisable to prepare the recess during the door frame machining.**	**034971CCM2U** (with 2 C buttons) **034971CIM2U** (with 1 C button + 1 I switch) **034971IIM2U** (with 2 I switches)		
	Same with front panel and gap G for sections with a thickness of 3 mm. Add suffix 3 to the code of the selected model.	**034971CCM2U3** (with 2 C buttons) **034971CIM2U3** (with 1 C button + 1 I switch) **034971IIM2U3** (with 2 I switches)		
Assembly type 2 **fully aligned at milling** for recess-mounting with front flange on the same plane of the panel surface◆ 	SLIM-DUALPUSH push button panels type 2 with individual dual controls for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 2.5 mm or recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. **◆ In this case, it is advisable to prepare sunk milling during the panel machining phase.**	**034972CCM2U** (with 2 C buttons) **034972CIM2U** (with 1 C button + 1 I switch) **034972IIM2U** (with 2 I switches)		
Assembly type 3 **for conventional flush mounting** with front flange overlapping door frame 	SLIM-DUALPUSH push button panels type 3 with individual dual controls. For traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche. **Mounting can be carried out "on site", directly onto the installed door frame.**	**034973CCM2U** (with 2 C buttons) **034973CIM2U** (with 1 C button + 1 I switch) **034973IIM2U** (with 2 I switches)		
Assembly type 4 **for surface mounting** with using housing 	SLIM-DUALPUSH push button panels type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. **Useful when you wish to avoid recess-mounting or cuts on the door frame.**	**034974CCM2U** (con 2 pulsanti C) **034974CIM2U** (with 1 C button + 1 I switch) **034974IIM2U** (with 2 I switches)		
Assembly type 5 **for recessed wall-mounting** with flange and wall-mounting receptacle 	SLIM-DUALPUSH push button panels type 5 with individual dual controls for recessed assembly using flange and wall box. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. Also fitted with wall box with "wings" for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the push button panel. **Wall niche and cable channel to be prepared beforehand.**	**034975CCM2U** (with 2 C buttons) **034975CIM2U** (with 1 C button + 1 I switch) **034975IIM2U** (with 2 I switches)		

Special configurations available at extra charge: Cover with your logo and/or customized.

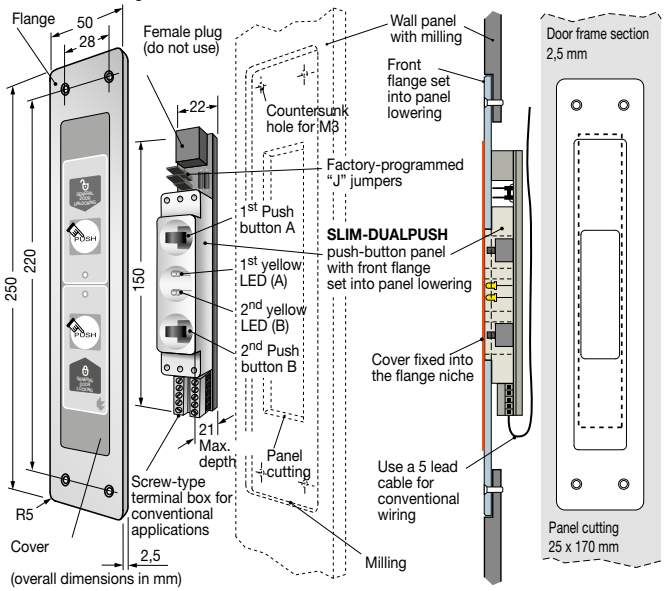
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 71.

SLIM-DUALPUSH PUSH-BUTTON PANELS - sizes, application examples and connection diagram

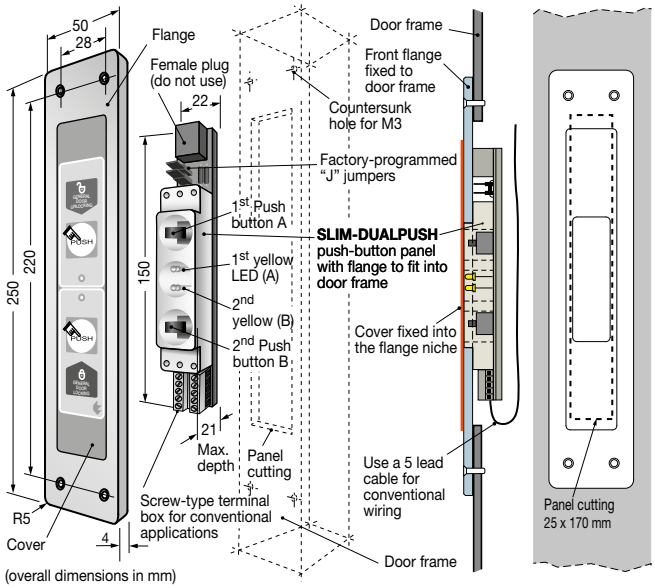
Assembly type 1 total alignment,
lock recessed into surface without flange



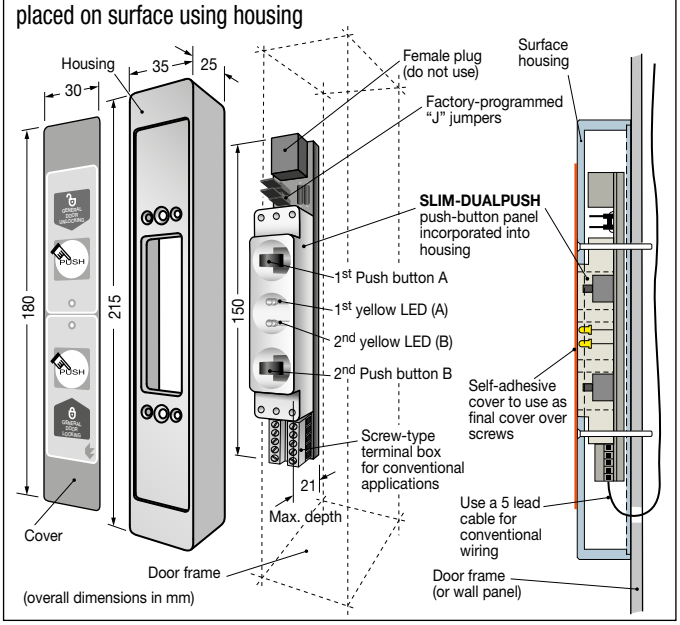
Assembly type 2 alignment at bottom
with front flange "flush with surface" at bottom



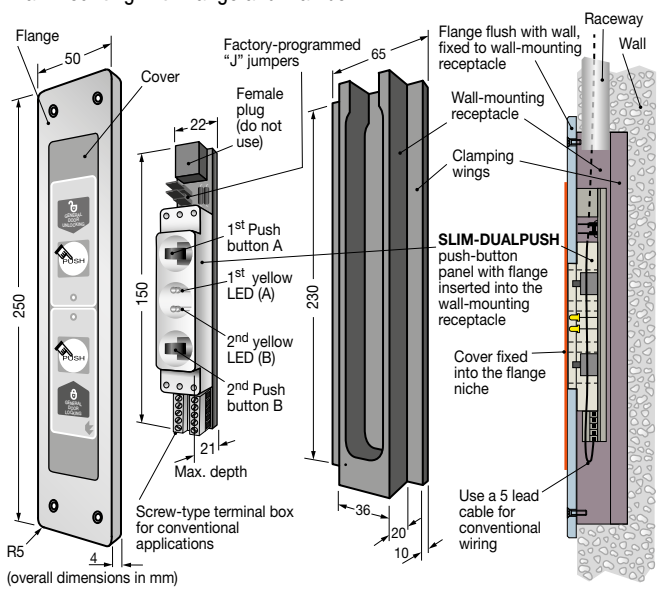
Assembly type 3 traditional fitting
with front flange over the lock



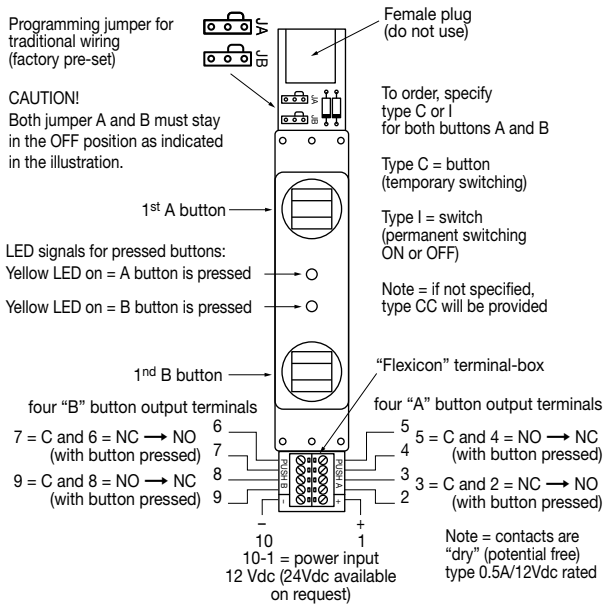
Assembly type 4 for mounting
placed on surface using housing

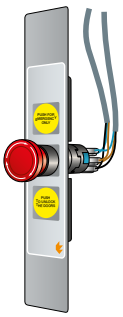


Assembly type 5 for recessed
wall mounting with flange and wall box



CONNECTION DIAGRAM valid for all 5 types





SLIM-HELPYPUSH
PROFESSIONAL PUSH-BUTTON PANELS
with emergency mushroom head button

- With flying cables 2 metres long, precabled in the factory, each with 3 conventional cabling terminals for any type of system.
- Fitted with a red "mushroom" head button for manual emergency operations (for example to open part and/or all the doors, stop the operating cycle, send a fire alarm, etc.). Monostable ON/OFF "mushroom" head button (when pressed, it remains permanently ON). The button can be reset (OFF) with aspecific voluntary action by turning the red head of the button clockwise.
- 2 SPDT independent exchange output contacts - "dry" type with 1A/12-24 Vdc capacity; the 1st contact (flying cable A) is the emergency door release control. The 2nd contact (flying cable B) can be used for additional local and/or remote optical/ acoustic signals (alarms, special controls, etc.).
- 1 adhesive cover in polycarbonate, 180 x 30 mm, R2,5, thickness 0.3 mm with 7-colour international symbols; with 2 windows for the personalised indication of commands.

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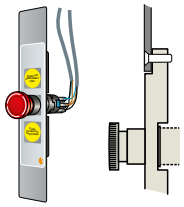
TECNODIMENSIONE®

Ordering information		Q.ty
Models for 12 Vdc/70mA power supply and/or 24Vdc	MODELS	N°

Assembly type 1
fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel ✻



SLIM-HELPYPUSH push button panel type 1 with "mushroom" pressure button with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Concealed flush mounting in door frame (only red head of mushroom sticks out). Ideal to achieve a surface that is easy to clean.
Supplied with front panel and gap G for sections with a thickness of 1.6 mm.
Complete with self-adhesive cover designed to be applied after the final installation of the system.

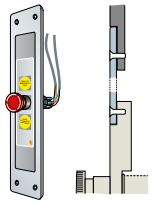
✻ **In this case it is advisable to prepare the recess during the door frame machining.**

034971E0M2U

Same with front panel and gap G for sections with a thickness of 3 mm.

034971E0M2U3

Assembly type 2
fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆

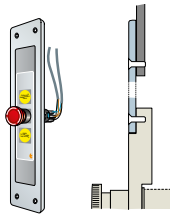


SLIM-HELPYPUSH push-button panel type 2 with "mushroom" pressure button for aligned recessed flush fitting in bottom of panel using front flange (only red head of mushroom sticks out) (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out).
Supplied with front flange in anodised aluminium with "silver" finish, 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange.
Cover pre-assembled and fixed into the flange niche.

◆ **In this case, it is advisable to prepare sunk milling during the panel machining phase.**

034972E0M2U

Assembly type 3
for conventional flush mounting with front flange overlapping door frame



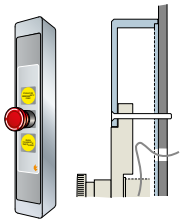
SLIM-HELPYPUSH push-button panel type 3 with "mushroom" pressure button for traditional recessed fitting using flange.

Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting.
Cover pre-assembled and fixed into the flange niche.

Mounting can be carried out "on site", directly onto the installed door frame.

034973E0M2U

Assembly type 4
for surface mounting with using housing

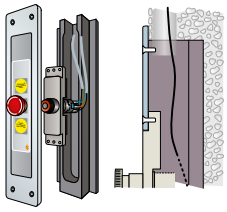


SLIM-HELPYPUSH push-button panel type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm).
Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame.

Useful when you wish to avoid recess-mounting or cuts on the door frame

034974E0M2U

Assembly type 5
for recessed wall-mounting with flange and wall-mounting receptacle



SLIM-HELPYPUSH push-button panel type 5 with "mushroom" pressure button for recessed assembly using flange and wall box.
Supplied with front flange in anodized aluminium with "silver" finish - 250x50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface.
Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche.
Also fitted with wall box with "wings" for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the push button panel.

Wall niche and cable channel to be prepared beforehand.

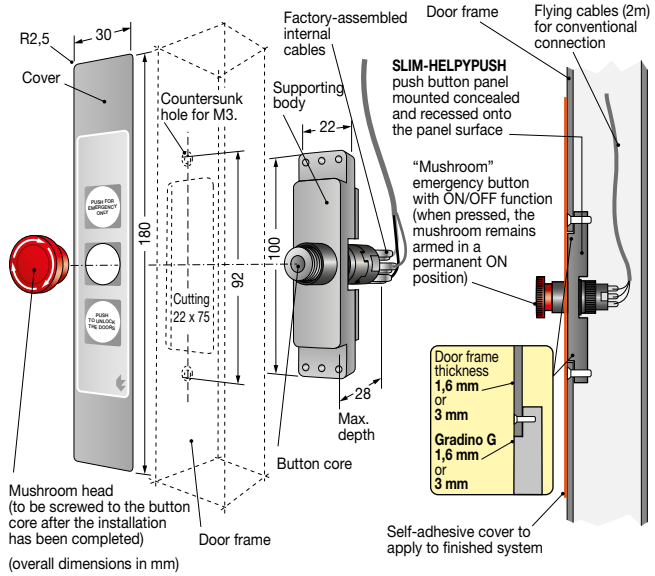
034975E0M2U

Special configurations available at extra charge: Cover with your logo and/or customized.

For sizes, measurements and details of chasing, application examples and connection diagrams, see page 73.

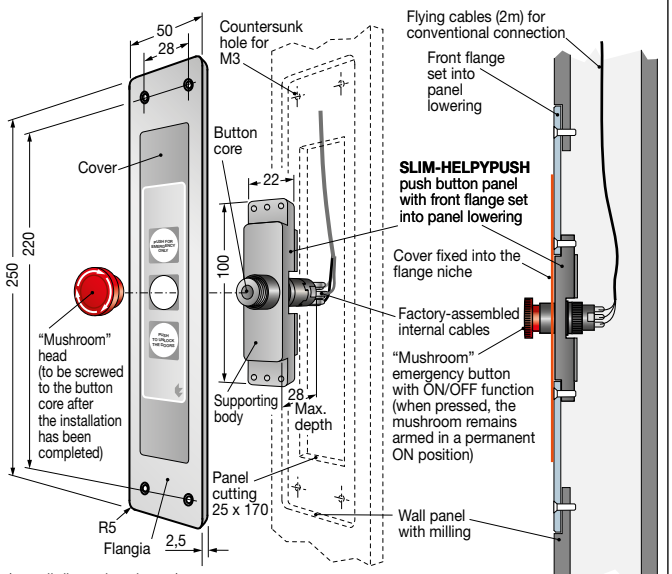
SLIM-HELPYPUSH PUSH-BUTTON PANELS - sizes, application examples and connection diagram

Assembly type 1 total alignment,
lock recessed into surface without flange



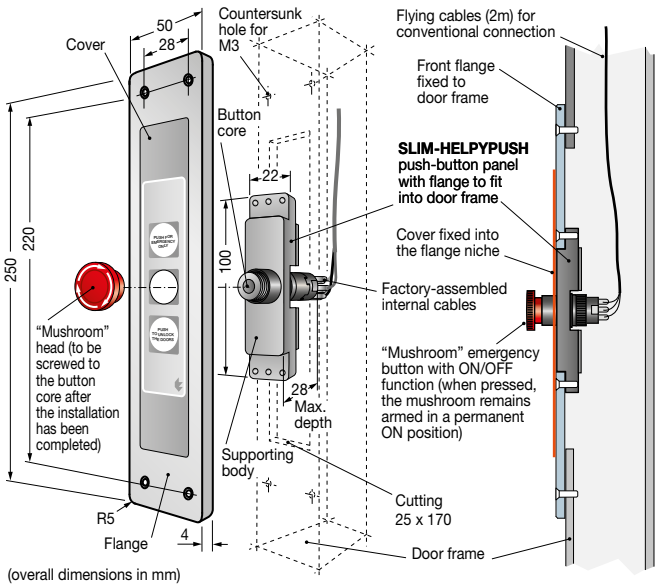
(overall dimensions in mm)

Assembly type 2 alignment at bottom
with front flange "flush with surface" at bottom



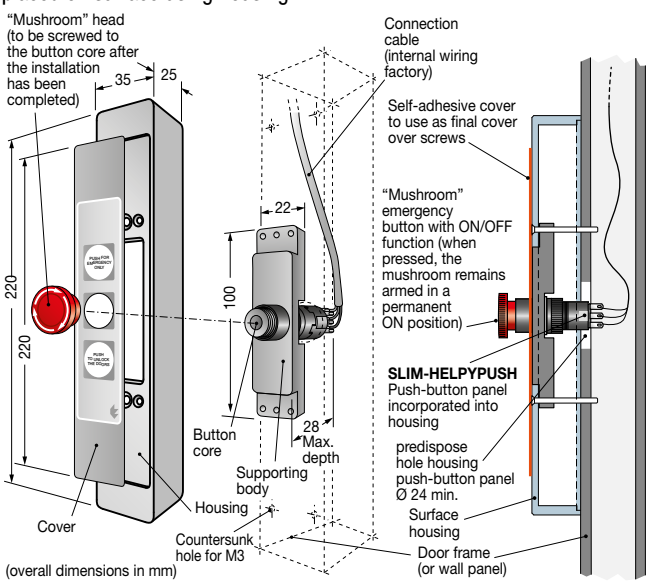
(overall dimensions in mm)

Assembly type 3 traditional fitting
with front flange over the lock



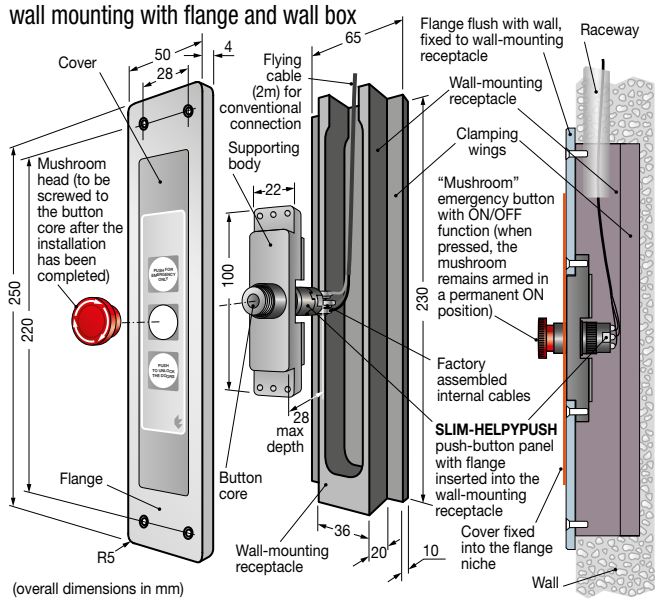
(overall dimensions in mm)

Assembly type 4 for mounting
placed on surface using housing



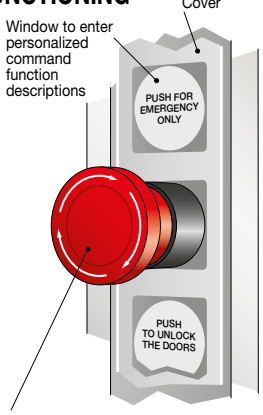
(overall dimensions in mm)

Assembly type 5 for recessed
wall mounting with flange and wall box



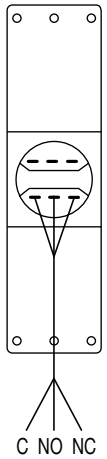
(overall dimensions in mm)

MUSHROOM BUTTON FUNCTIONING



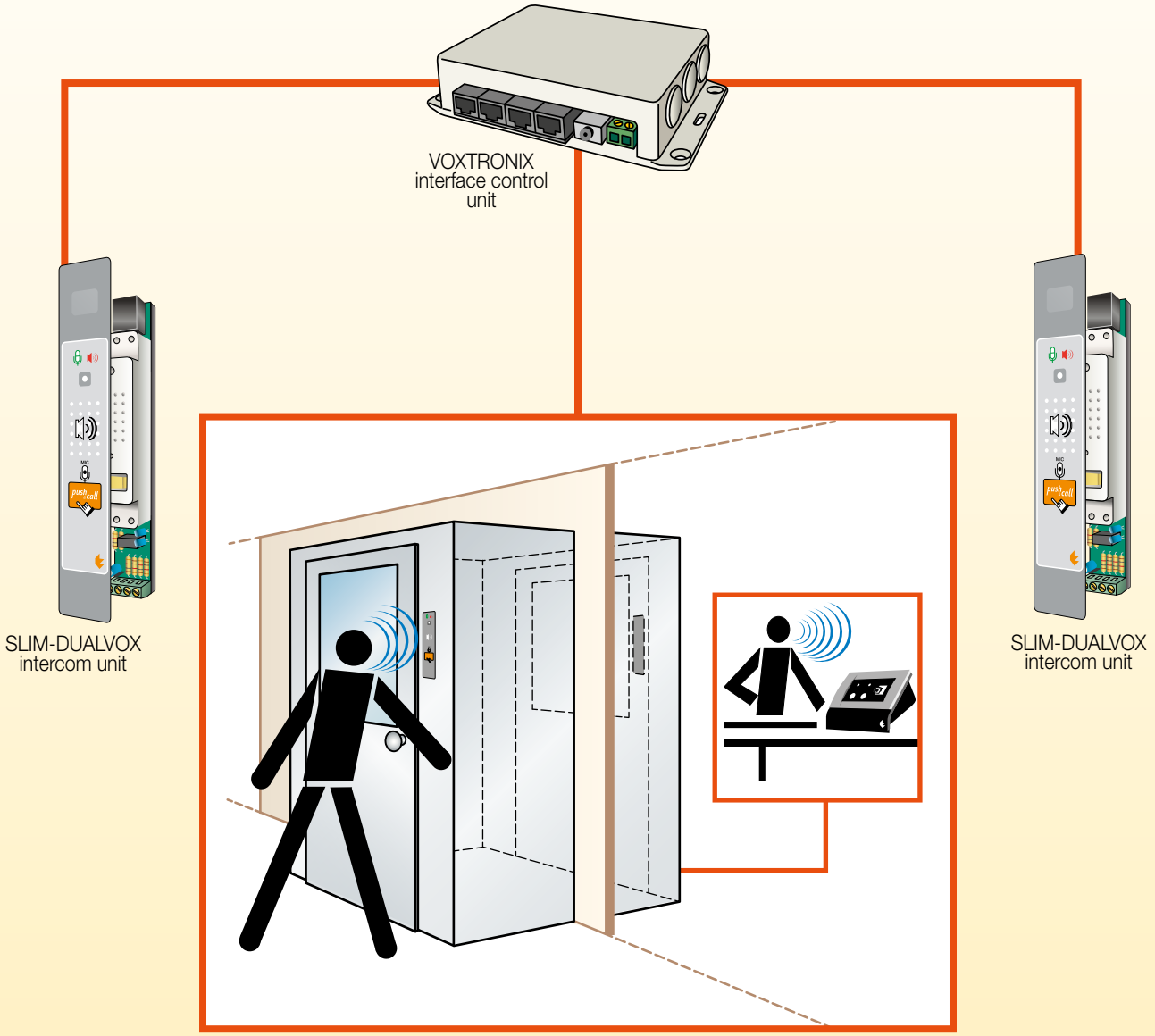
"Mushroom" button
with emergency pressure function.
With ON/OFF function (when pressed, the "mushroom" remains armed in a permanent ON position).
To reset the button, turn the red "mushroom" head clockwise in the direction shown by the white arrow.
The "mushroom" head must be in raised position if the button has been reset from ON to OFF.

CONNECTION DIAGRAM
valid for all 5 types



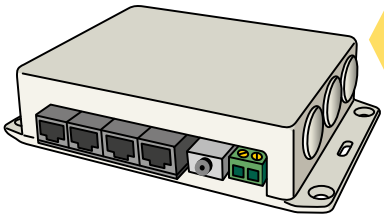
Note: These are dry (potential free) contacts 0.5A/12VDC rated.
The contact status is indicated when red "mushroom" head button is non-pressed.

VOXTRONIX



Talk-listen intercommunication system
with alternated listen and answer mode using the “push&call” mode.

TECNODIMENSIONE
security with style



Microprocessor based **VOXTRONIX**

PROFESSIONAL TECNODIMENSIONE INTERCOM CONTROL MODULE

An interface that controls the alternating intercom communications system using “push&call” button. It houses the amplification and volume adjustment circuits; it controls two A and B channels which must be connected to two SLIM-DUALVOX intercoms respectively.

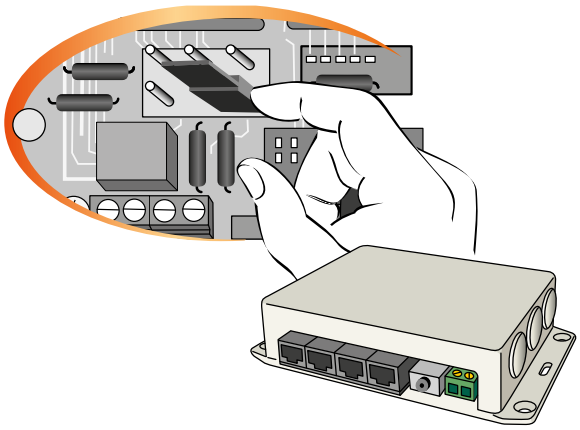
One unit for *2* different needs

1st It can be instantly programmed thanks to the Jumpers = **MULTISELECT**

2nd It has a modular configuration that can be expanded in “cascade” for intercom points or multiple of 2...4...8...12 intercom points without limitations = **EXPANDER**

PERFECT FOR INTERCOMMUNICATION BETWEEN THE VISITOR AND INTERNAL OPERATOR.

1st
MULTISELECT

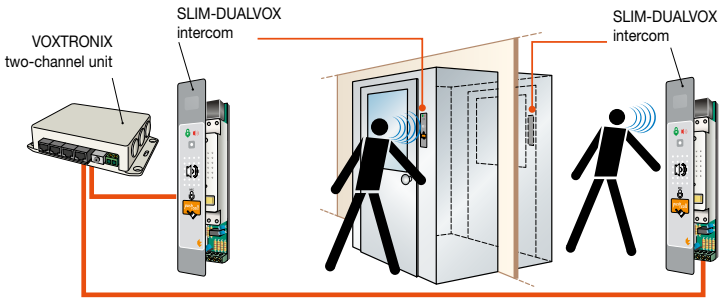


Microprocessor-based VOXTRONIX interface with two channels, to manage 2 SLIM-DUALVOX intercom units.
Tecnodimensione systems can be immediately adapted to all plants, depending on their configuration, both during commissioning and after start-up.
As it does not require changes to the module or the installation of new connection lines, it is the ideal solution to meet current and future customers’ needs.
It is in fact sufficient to use the Jumpers integrated in the module to immediately select the required program.
VOXTRONIX can be programmed in several modes because ...
...it’s **MULTISELECT!**

2nd
EXPANDER

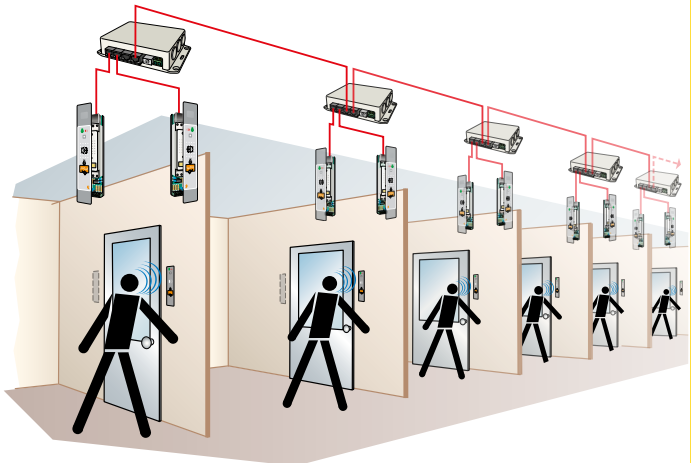
VOXTRONIX base configuration
is made up of 1 two-channel “VOXTRONIX” control interface connected to two “SLIM-DUALVOX” intercoms to create the ideal application for Passbox structures or two isolated rooms.

VOXTRONIX in basic configuration

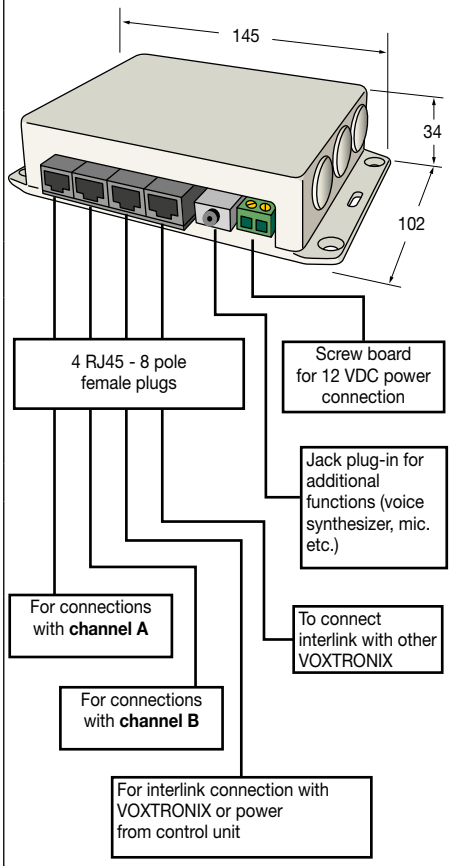


VOXTRONIX is designed to allow the configuration in “cascade” of multiple communication systems
of 2... 4... 8... 12 intercom points without limitations.
By connecting a two channels VOXTRONIX module to the subsequent ones, it is possible to flexibly set-up a multiple intercom system; in this way the communication of any one single point of the system should be listen, contemporarly to all other points and conseguently the replays too...

VOXTRONIX in multiple configuration



Two-channel VOXTRONIX
(expandable)



INTERCOM CONTROL MODULE
VOXTRONIX
with RJ45-8 pole quick plug for easy installation and quick wiring

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TECNODIMENSIONE®

An interface that controls the alternating intercom communications system using "push&call" button. It houses the amplification and volume adjustment circuits; it controls two A and B channels which must be connected to two SLIM-DUALVOX intercoms respectively.

	Ordering information MODELS	Q.ty N°
"Multiselect", multi-programmable version. Furthermore, the "Expander" version, which can be expanded connecting 2 or more VOXTRONIX modules in cascade to immediately create multiple intercom systems for 2, 4, 6, 8 and more rooms. **Ideal for clean rooms.**		
2-channel models (12V DC power)		
Two-channel VOXTRONIX intercom module with microprocessor to control 2 SLIM-DUALVOX (see page 56) intercom used by 2 people in two different rooms in tandem, in the base configuration. With "Multiselect" multi-programmable logic. "Expander" type can be expanded in "Multi-voxtronix" configuration for multiple rooms with several people in different points for alternated communications in a single phone conference (see selectable programs and configuration example below). "CLICK & GO" technology with RJ45 8-pole female quick plugs. Compact shock-proof plastic case (dimensions 145 x 102 x 34 mm). With 2 screw terminals for 12 VDC connection to a separate power supply (or directly to the PHARMATRONIX unit).	**034968H2W2U**	
	* Module only. Other components are needed for operation, see page 77 and page 79.	

SELECTABLE PROGRAMS (with jumpers): Sound options: on/off warning beep.
Function options: "courtesy" function = automatic communication opening up to 6 seconds or "standard" function = open communication for as long as "push&call" button is held down.

IMPLEMENTATIONS: Increase sound power by additional external speaker to be connected to the SLIM-DUALVOX unit (see specific documentation). Centralised female mic jack (i.e.: star) for general and simultaneous communications to all intercoms in the various separate rooms (or alternating) for connections with additional "voice synthesizers" to automatically send pre-recorded messages and warnings (on request).

CONFIGURATION EXAMPLES

Fig. 1 - BASE configuration for two intercom points
The Tecnodimensione base configuration intercom system is made up of 1 two-channel "VOXTRONIX" control interface connected to two "SLIM-DUALVOX" intercoms to create the ideal application for Passbox structures or two isolated rooms. In fact, two operators in two different rooms can easily communicate reciprocal warnings and voice confirmations with this connection (alternating communications by pressing the "push&call" button).

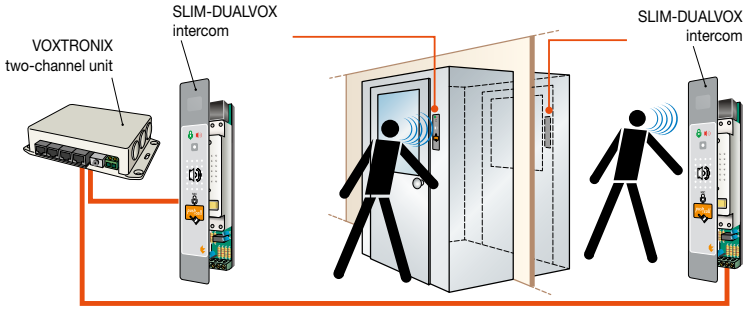

Fig. 1 - Voxtronix BASE configuration

Fig. 2 - "MULTI-VOXTRONIX" configuration for 4, 6, 8 or more intercom points
The Tecnodimensione "VOXTRONIX" system is already set to become a "multiple" intercom system for more than two channels, even 4, 6, 8 or more. Essentially, the "Multi-voxtronix" multiple system is easy to create by interconnecting identical "sister" VOXTRONIX unites to the first two-channel "base" VOXTRONIX interface in cascade via interlink. With this configuration, "Multi-voxtronix" allows several people in remote points to list or communicate in alternation in a single phone conference with fast service communications.
In this way the communication of any one single point of the system should be listen, contemporarly to all other points and conseguently the replays too.

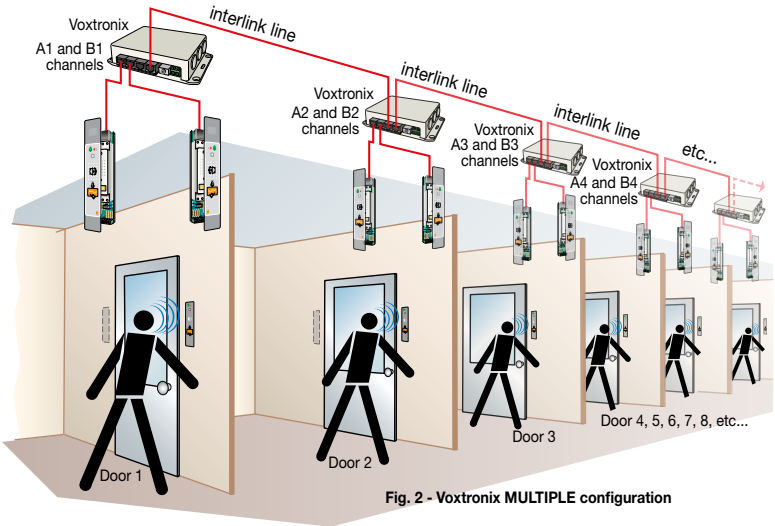

Fig. 2 - Voxtronix MULTIPLE configuration

SLIM-DUALVOX
INTERCOM UNIT
“Push&call” technology for VOXTRONIX intercom system

SLIM-DUALVOX speak-listen with:
- with 1 RJ45-8 pole female quick fit plug for necessary connections with VOXTRONIX module (see page 55).
- 1 bifunctional red/green led to indicate listening/communication status.
- 1 “push&call” button to activate the communication.
- 1 miniature speaker + microphone that work in alternation using the “push&call” button.
- Screw terminal board for remote connection to additional power speaker (for noisy rooms).
- 12 Vdc power supply.
- 1 anti-acid adhesive cover in polycarbonate, 180 x 30 mm, R2,5 thickness 0.3 mm with 7 colour international symbols; with 1 windows for the personalised indication of commands.

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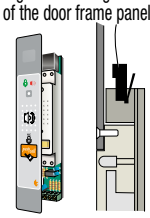
January 2024

TECNODIN ENSIONE®

	ordering information	Q.ty
Models for 12 Vdc/70mA power supply	MODELS	N°

Assembly type 1
fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel ✻



SLIM-DUALVOX speak-listen unit type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a surface (without roughness) that is easy to clean. Supplied with front panel and gap G for sections with a thickness of 1.6 mm. Complete with self-adhesive cover designed to be applied after the final installation of the system.

✻ **In this case it is advisable to prepare the recess during the door frame machining.**

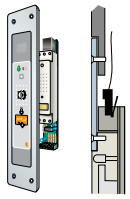
034961CW2U

* Module only.
Other components are needed for operation, see page 76 and page 79.

Same with front panel and gap G for sections with a thickness of 3 mm.

034961CW2U3

Assembly type 2
fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆



SLIM-DUALVOX speak-listen unit type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out).

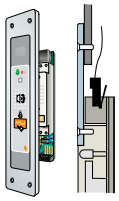
Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange.
Cover pre-assembled and fixed into the flange niche.

◆ **In this case, it is advisable to prepare sunk milling during the panel machining phase.**

034962CW2U

* Module only.
Other components are needed for operation, see page 76 and page 79..

Assembly type 3
for conventional flush mounting with front flange overlapping door frame



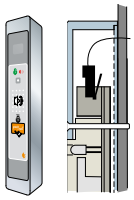
SLIM-DUALVOX speak-listen unit type 3 for traditional recessed fitting using flange.
Supplied with front flange in anodized aluminium with “silver” finish - 250 x 50mm, thickness 4 mm for flush mounting.
Cover pre-assembled and fixed into the flange niche.

Mounting can be carried out "on site", directly onto the installed door frame.

034963CW2U

* Module only.
Other components are needed for operation, see page 76 and page 79.

Assembly type 4
for surface mounting with using housing



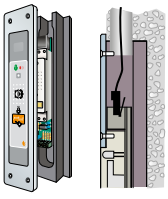
SLIM-DUALVOX speak-listen unit type 4 for mounting placed on surface using housing.
With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm).
Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame.

Useful when you wish to avoid recess-mounting or cuts on the door frame.

034964CW2U

* Module only.
Other components are needed for operation, see page 76 and page 79.

Assembly type 5
for recessed wall-mounting with flange and wall-mounting receptacle



SLIM-DUALVOX speak-listen unit type 5 for recessed assembly using flange and wall box.
Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface.
Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche.
Also fitted with wall box with “wings” for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled “in a niche” in the wall to house the body of the speak-listen unit.

Wall niche and cable channel to be prepared beforehand.

034963CW2U

* Module only.
Other components are needed for operation, see page 76 and page 79.

Noise-proof power **SPEAKER** (Ø 150 mm) for noisy environments to connect to the screw-on terminal of the SLIM-DUALVOX listen-speak unit.

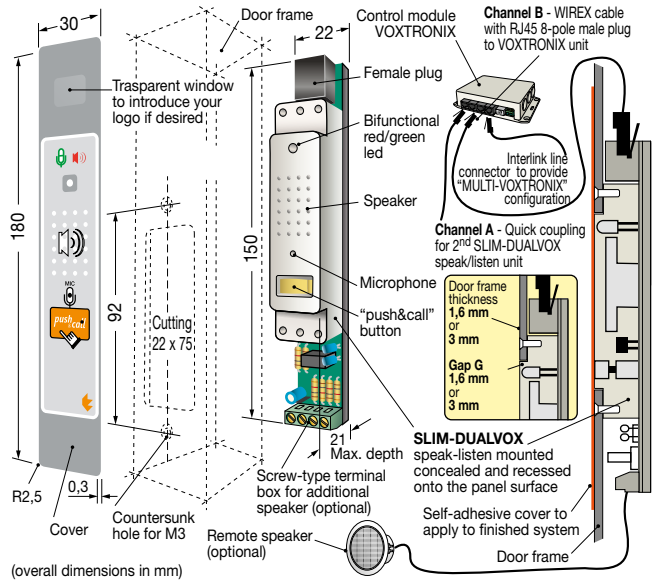
034969MST4
(opzional)

Special configurations available at extra charge: Cover with your logo and/or customized.

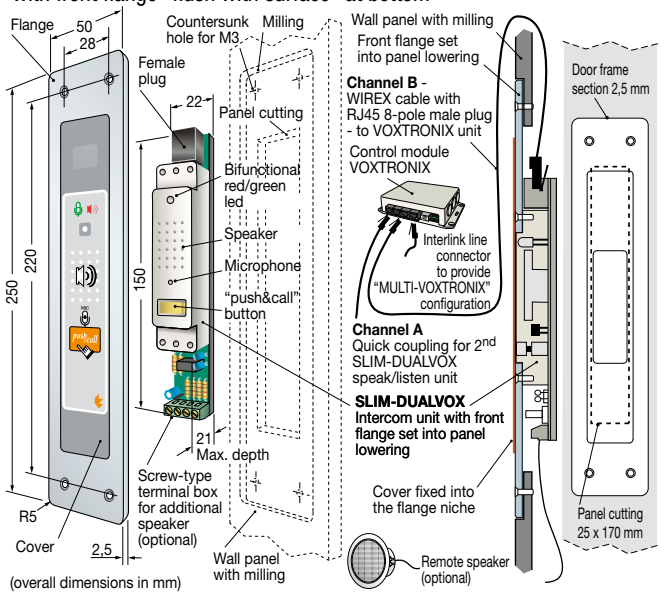
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 78.

SLIM-DUALVOX INTERCOM UNIT - sizes, application examples and connection diagram

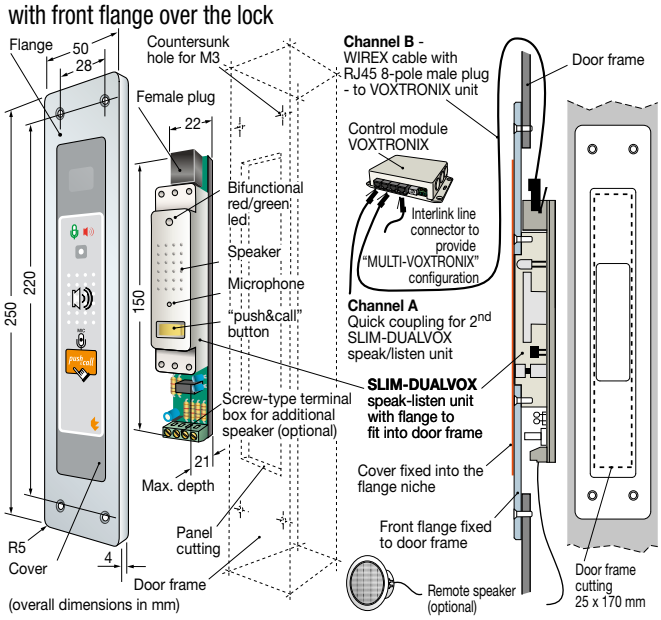
Assembly type 1 total alignment,
lock recessed into surface without flange



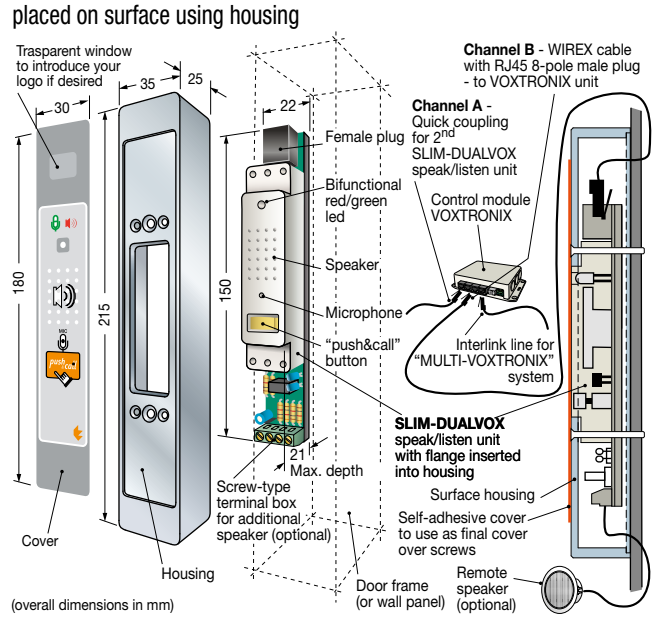
Assembly type 2 alignment at bottom
with front flange "flush with surface" at bottom



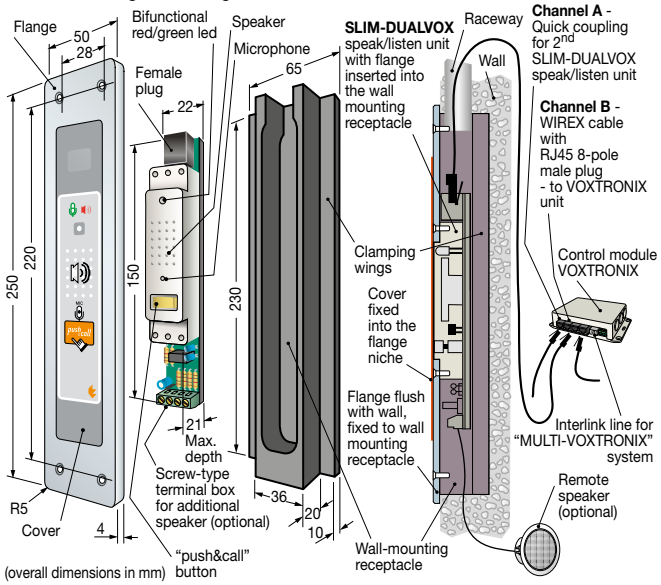
Assembly type 3 traditional fitting
with front flange over the lock



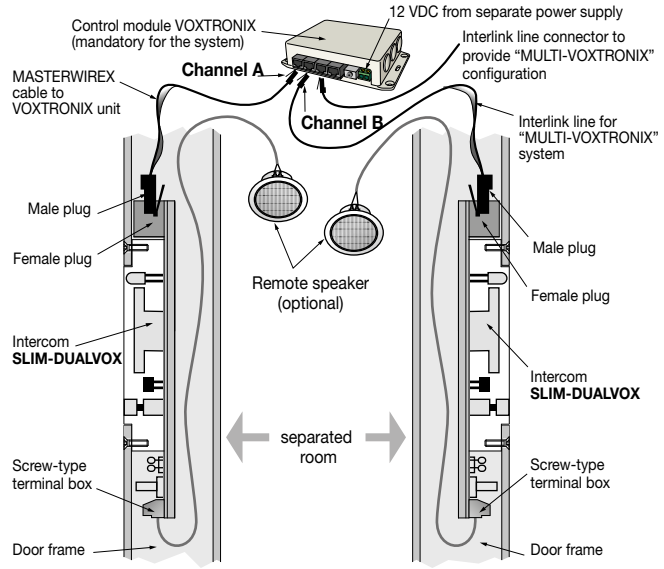
Assembly type 4 for mounting
placed on surface using housing



Assembly type 5 for recessed
wall mounting with flange and wall box



WIREX FAST CONNECTING CABLES
(basic configuration for 2 stations)



VOXTRONIX

Basic configuration of the speak-listen intercom system for passbox and clean rooms, with immediate connection

with structured and pre-cabled WIREX cables, fitted with 8 pole RJ45 quick connection plug

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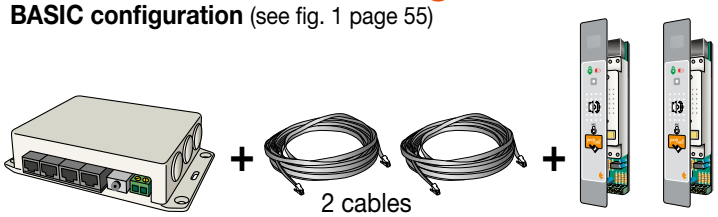
January 2024

TECNODIMENSIONE®

	ordering information		Q.ty
	MODELS		N°

Basic kit configuration for two type-1 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



1 module **Voxtronix** + 2 cables **MASTERWIREX** standard length 10 mt. (other lengths on request) + 2 listen-talk units **SLIM-DUALVOX type 1**

VOXTRONIX	034968H2W2U		
MASTERWIREX	034928WD		
MASTERWIREX	034928WD		
SLIM-DUALVOX	034961CW2U		
SLIM-DUALVOX	034961CW2U (NB: unit with gap G 1,6 mm, for gap G 3 mm see page 56)		
COMPLETE BASIC KIT type 1	**TOTAL**		

Basic kit configuration for two type-2 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)

1 module **Voxtronix** + 2 cables **MASTERWIREX** standard length 10 mt. (other lengths on request) + 2 listen-talk units **SLIM-DUALVOX type 2**

VOXTRONIX	034968H2W2U		
MASTERWIREX	034928WD		
MASTERWIREX	034928WD		
SLIM-DUALVOX	034962CW2U		
SLIM-DUALVOX	034962CW2U		
COMPLETE BASIC KIT type 2	**TOTAL**		

Basic kit configuration for two type-3 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)

1 module **Voxtronix** + 2 cables **MASTERWIREX** standard length 10 mt. (other lengths on request) + 2 listen-talk units **SLIM-DUALVOX type 3**

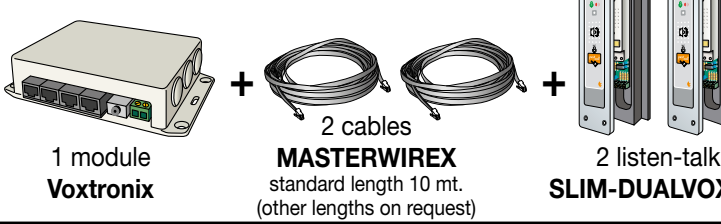
VOXTRONIX	034968H2W2U		
MASTERWIREX	034928WD		
MASTERWIREX	034928WD		
SLIM-DUALVOX	034963CW2U		
SLIM-DUALVOX	034963CW2U		
COMPLETE BASIC KIT type 3	**TOTAL**		

Basic kit configuration for two type-4 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)

1 module **Voxtronix** + 2 cables **MASTERWIREX** standard length 10 mt. (other lengths on request) + 2 listen-talk units **SLIM-DUALVOX type 4**

VOXTRONIX	034968H2W2U		
MASTERWIREX	034928WD		
MASTERWIREX	034928WD		
SLIM-DUALVOX	034964CW2U		
SLIM-DUALVOX	034964CW2U		
COMPLETE BASIC KIT type 4	**TOTAL**		

Basic kit configuration for two type-5 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



1 module **Voxtronix** + 2 cables **MASTERWIREX** standard length 10 mt. (other lengths on request) + 2 listen-talk units **SLIM-DUALVOX type 5**

VOXTRONIX	034968H2W2U		
MASTERWIREX	034928WD		
MASTERWIREX	034928WD		
SLIM-DUALVOX	034965CW2U		
SLIM-DUALVOX	034965CW2U		
COMPLETE BASIC KIT type 5	**TOTAL**		

The MULTIVOXTRONIX configuration with 4, 6, 8 or more speak-listen stations (see fig. 2, page 76) is the sum of the aforesaid BASIC KITS (with 2 stations).

FLAT-DUALUX ultra-slim

ULTRA-SLIM STOP/GO DISPLAY
for easy installation

innovation with technology

DRILL& GO® Cut-Free

FLAT-DUALUX
ultra-slim stop/go display

No cutting the frame,
no work on
internal frame grain!

Only a portable drill is needed
to easily install
DRILL&GO devices on any frame.

TECNODINAMICA®
security with style

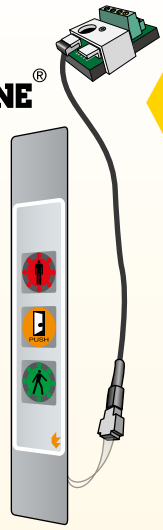
TECNODIMENSIONE®

DRILL& GO Cut-Free®

innovation

FLAT-DUALUX ultra-slim

PROFESSIONAL TECNODIMENSIONE STOP/GO DISPLAYS



with green/red lights and international STOP/GO symbols to control traffic, built-in push button and remote buzzer.
Kit made up of stop/go display, connection cable and *"FLEXICON"* converter.

One unit..
for *4* different needs.

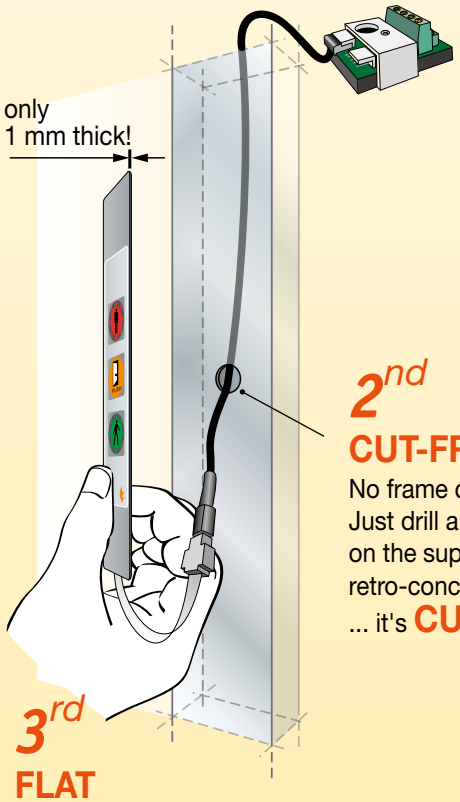
1st Conventional wiring installation with screw-type terminal board via converter = ***FLEXICON***

2nd No frame cutting nor work on internal nervures.
Just drill to install = **DRILL&GO CUT-FREE**

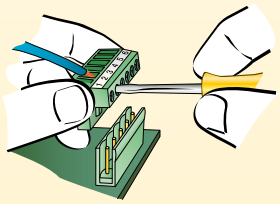
3rd ultra-slim, bendable, virtually "without thickness" (just 1 mm!) for fully-aligned installation self-adhesive on any smooth frame surface with even shaped and narrow profiles = **FLAT**

4th "smooth" sealed alignment to the frame surface fully proper detergent washable = **CLEAN**

PERFECT FOR SMOOTH ULTRA-SLIM DOOR FRAMES



1st
flexicon
MULTIFUNCTIONAL INPUTS/OUTPUTS



Ideal for the installation on existing door frames in combination with conventional wiring systems and to be interfaced with any control unit such as PLC, microprocessor boards or conventional electronics.....
... it's ***FLEXICON!***

2nd
CUT-FREE
No frame cutting nor work on internal nervures!
Just drill a simple Ø 14 mm round hole on the support surface to insert the retro-concealed electrical connection cable...
... it's **CUT-FREE**

3rd
FLAT
FLAT-DUALUX ultra-flat, practically "without thickness" (just 1 mm!) it can be applied to even very narrow profiles, its "fully-aligned" mount is almost immediate, installable on site without having to make any cuts since it does not require any room-to recess! It is virtually a "thin" electronic, self-adhesive and bendable sticker that lays and adapts to surfaces not necessarely plane as long as they are smooth and suitable to self-adhere...
... it's **FLAT!**

4th
CLEAN

FLAT-DUALUX self-adhesive installation "flush-aligned" is smooth and roughness-free ... easily cleanable with any proper detergent...
... it's **CLEAN!**

TECNODIMENSIONE®

DRILL& GO® Cut-Free

PROFESSIONAL STOP/GO DISPLAYS

FLAT-DUALUX ultra-slim

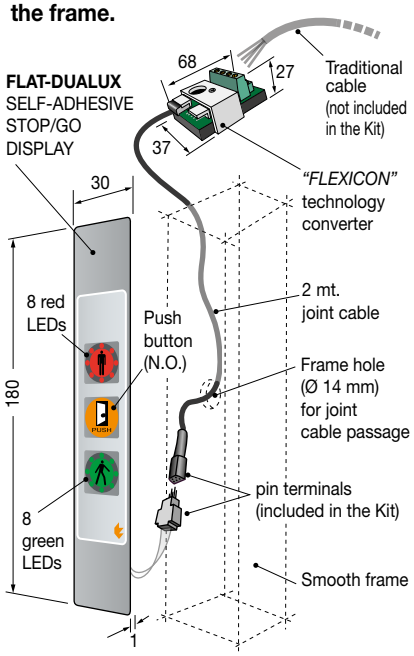
Complete with connection cable and FLEXICON converter for conventional wiring with screw type terminal board

Type 6 - "FULLY ALIGNED"
ultra-slim for self-adhesive installation (without frame cutting).

Type 7 - "FLUSH"
with support flange for installation on uneven surfaces.

A SINGLE UNIT FOR 2 TYPES OF UNIVERSAL INSTALLATION

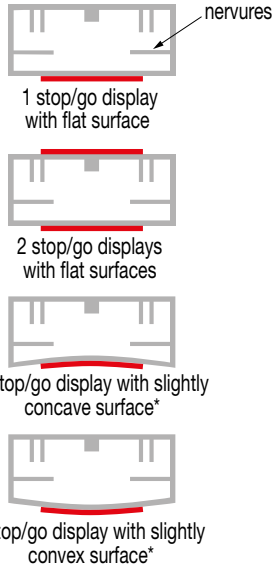
Type 6
"FULLY-ALIGNED"
ultra-slim for self-adhesive installation on smooth surfaces without cutting the frame.



(overall dimensions in mm)

No cutting or work on the internal frame nervures

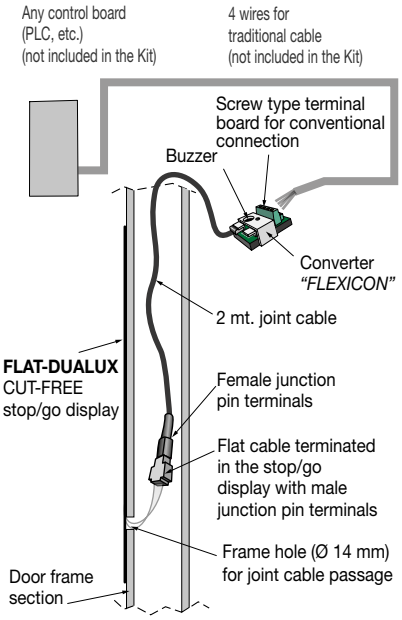
compatible smooth surfaces



*to be checked case by case

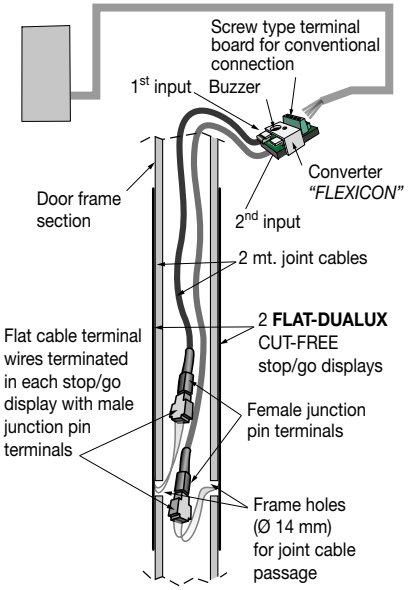
Kit 1 for one door - for example "pass box"

composed of:
- **n. 1** FLAT-DUALUX stop/go display (type 6 or 7)
- **n. 1** joint cable
- **n. 1** *"FLEXICON"* converter

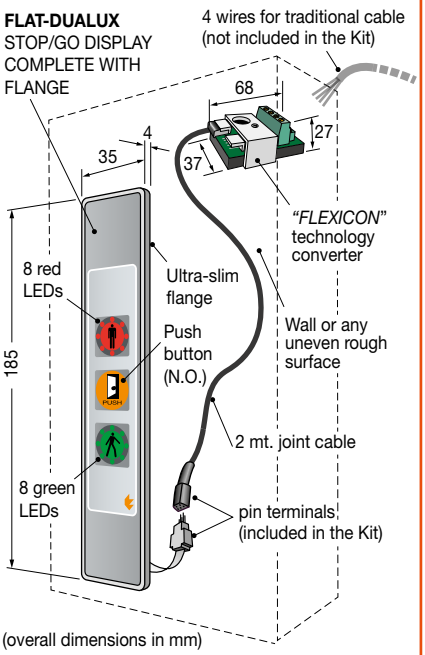


Kit 2 for one door - for example "interlocking system"

composed of:
- **n. 2** FLAT-DUALUX stop/go displays (type 6 or 7)
- **n. 2** joint cables
- **n. 1** *"FLEXICON"* converter

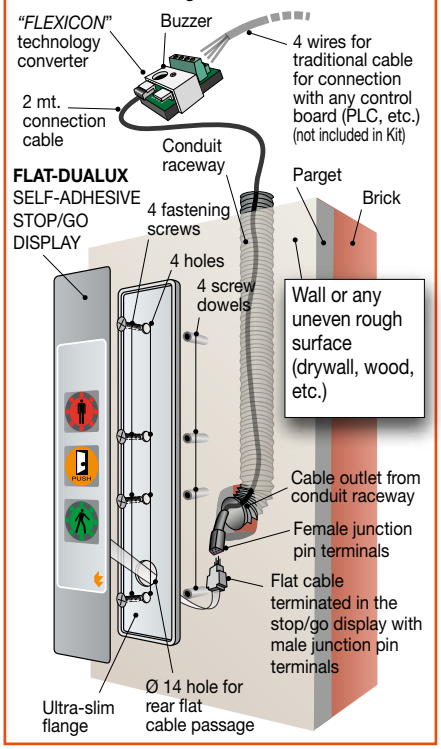


Type 7 on the "SAME PLANE"
with ultra-slim support flange for wall or frame mount with uneven surfaces



(overall dimensions in mm)

Example of FLAT-DUALUX stop/go display application complete with support flange even for uneven rough surfaces



DRILL& GO Cut-Free®

PROFESSIONAL STOP/GO DISPLAYS

FLAT-DUALUX ultra-slim

Complete with connection cable and *FLEXICON* converter for conventional wiring with screw type terminal board

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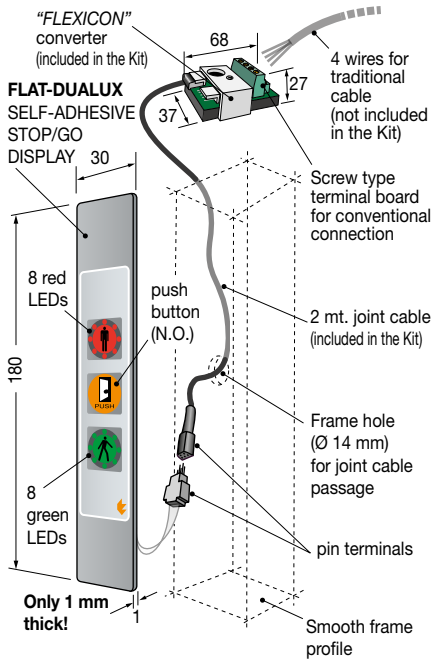
TECNODIMENSIONE®

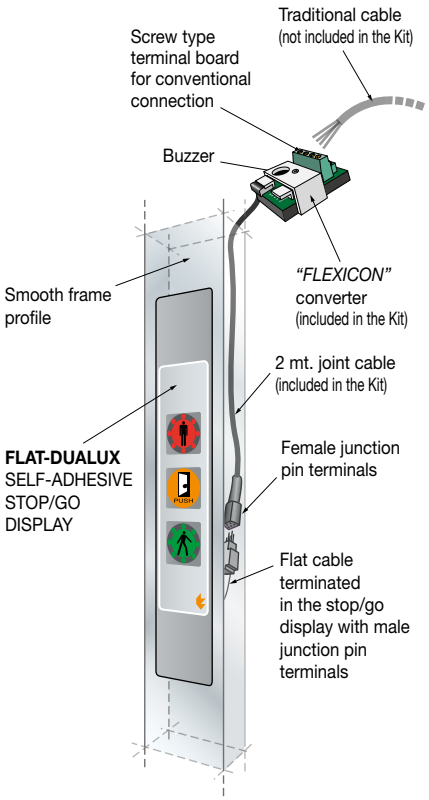
Type 6 - "FULLY ALIGNED" ultra-slim for self-adhesive installation (without frame cutting).
Perfect for ultra-narrow smooth frames.

FLAT-DUALUX CUT-FREE ultra-slim with *"FLEXICON"* technology
Type 6 "fully aligned"



(overall dimensions in mm)

EXAMPLE OF "FULLY ALIGNED" APPLICATION



	Ordering information MODELS		Q.ty N°
Ultra-slim stop/go group for "flush" mount Equipped with FX converter with screw-type terminal board, suitable for connections with any control unit. Its "fully-aligned" mount is almost immediate, installable on the site without having to make any cuts since it does not require any room-to recess! It is virtually a "thin" electronic, self-adhesive and bendable sticker that lays and adapts to surfaces not necessarely plane as long as they are smooth and suitable for self-adhere.			
Models for 12VDC power supply			
Ultra-slim FLAT-DUALUX stop/go display type 6 with connection cable and converter with screw type terminal board for traditional cable connection. - Green/Red LED light + buzzer + N.O. push button (N.C. when pressed).			
Kit 1 for one door - composed of: - n. 1 Flat-Dualux ultra-slim type 6 stop/go display (without thickness, only1mm!) - n. 1 round joint cable (2mt long) complete with pin connection terminal - n. 1 *"FLEXICON"* converter with pin inputs and output with screw type terminal board for traditional wiring for any system. Complete with buzzer. - 12 VDC/70 mA power supply	**034986CMF2K1** (complete Kit 1)		
Kit 2 for two door - composed of: - n. 2 Flat-Dualux ultra-slim type 6 stop/go displays (without thickness, only 1 mm!) - n. 2 round joint cables (2mt long) complete with pin terminals - n. 1 *"FLEXICON"* converter with 2 pin inputs and output with screw type terminal board for traditional wiring for any system. Complete with buzzer. - 12 VDC/140 mA power supply	**034986CMF2K2** (complete Kit 2)		
Models for 24VDC power supply (on request)			
FLAT-DUALUX ultra-slim type 6 stop/go display, with *"FLEXICON"* technology. **Kit 1** same characteristics as the model above but for a 24Vdc/40 mA power supply. **Kit 2** same characteristics as the model above but for a 24Vdc/80 mA power supply.	**034986CMF4K1** ((complete Kit 1) **0349686CMF4K2** (complete Kit 2)		

Special configurations available at extra charge

- FLAT-DUALUX stop/go display with customer's and/or customized logo (on request)

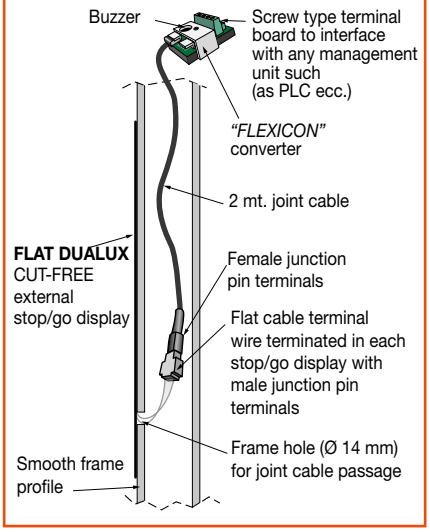
Attention! Based on the *"FLEXICON"* technology, Tecnodimensione STOP/GO displays are fitted with multi-configurable inputs/outputs that can be interfaced with any installation by means of a universal connection network and screw-type terminals

STANDARD EQUIPMENT

Kit 1 for one door - for example "pass box"

composed of:
- **n° 1** FLAT-DUALUX stop/go display (type 6)
- **n° 1** joint cable
- **n° 1** *"FLEXICON"* converter

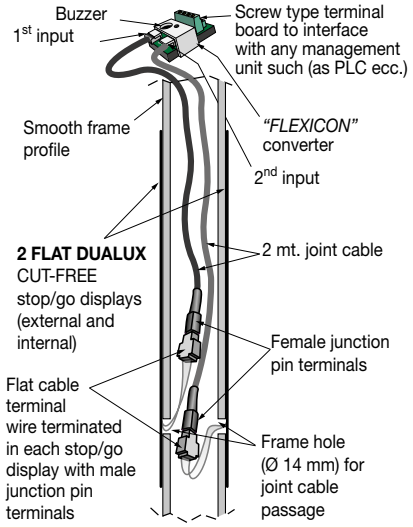
Model 034986CMF2K1 (12 Vdc)
Model 034986CMF4K1 (24 Vdc)



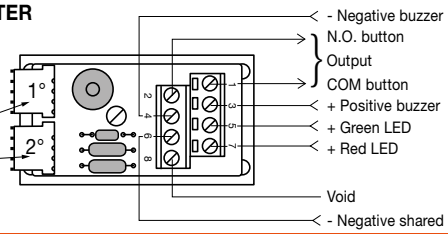
Kit 2 for "interlock" type door

composed of:
- **n° 2** FLAT-DUALUX stop/go displays (type 6)
- **n° 2** joint cables
- **n° 1** *"FLEXICON"* converter

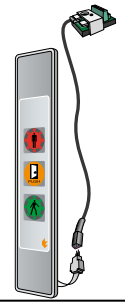
Model 034986CMF2K2 (12 Vdc)
Model 034986CMF4K2 (24 Vdc)



FLEXICON CONVERTER WIRING DIAGRAM



DOOR MANAGEMENT SYSTEMS



DRILL& GO Cut-Free®

PROFESSIONAL STOP/GO DISPLAYS

FLAT-DUALUX ultra-slim

Complete with connection cable and *FLEXICON* converter for conventional wiring with screw type terminal board

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January 2024

TECNODIMENSIONE®

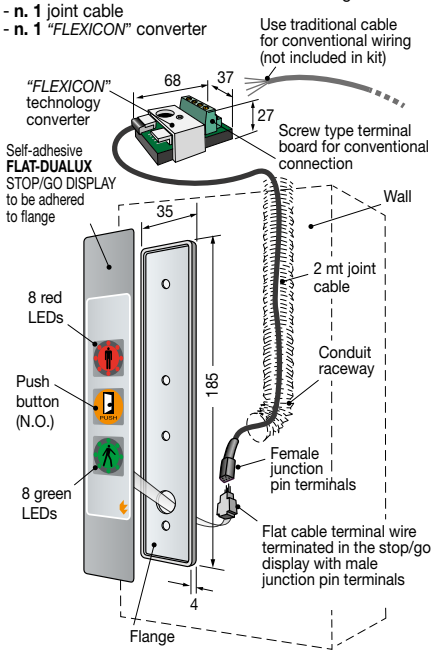
Type 7 - "FLUSH" with support flange even for installation on uneven rough surfaces

	Ordering information MODELS		Q.ty N°
Stop/go display group with ultra-slim support flange for "flush" mount on uneven surfaces like plaster, drywall, cement, travertine or wood, etc. It is a "thin" electronic plate applied to the wall (or any surface) with 4 small screws. Equipped with FX converter with screw-type terminal board, suitable for connections with any control unit.			
Models for 12VDC power supply			
FLAT-DUALUX stop/go display type 7 support flange, with connection cable and converter with screw type terminal board for traditional cable connection. - Green/Red LED light + buzzer + N.O. push button (N.C. when pressed).			
Kit 1 for one door - composed of: - n. 1 FLAT-DUALUX type 7 ultra-slim stop/go display with silver coloured anodised aluminium flange (only 4 mm thick!) - n. 1 round joint cable (2mt long) complete with pin connection terminal - n. 1 *"FLEXICON"* converter with pin inputs and output with screw type terminal board for traditional wiring for any system. Complete with buzzer. - 12 VDC/70 mA power supply	**034987CMF2K1** (complete Kit 1)		
Kit 2 for two door - composed of: - n. 2 FLAT-DUALUX type 7 ultra-slim stop/go display with silver coloured anodised aluminium flange (only 4 mm thick!) - n. 2 round joint cable (2mt long) complete with pin connection terminal - n. 1 *"FLEXICON"* converter with pin inputs and output with screw type terminal board for traditional wiring for any system. Complete with buzzer. - 12 VDC/140 mA power supply	**034987CMF2K2** (complete Kit 2)		
Models for 24VDC power supply (on request)			
FLAT-DUALUX ultra-slim type 7 stop/go display, with *"FLEXICON"* technology. **Kit 1** same characteristics as the model above but for a 24Vdc/40 mA power supply. **Kit 2** same characteristics as the model above but for a 24Vdc/80 mA power supply.	**034987CMF4K1** (complete Kit 1) **034987CMF4K2** (complete Kit 2)		

Type 7 on the "SAME PLANE"

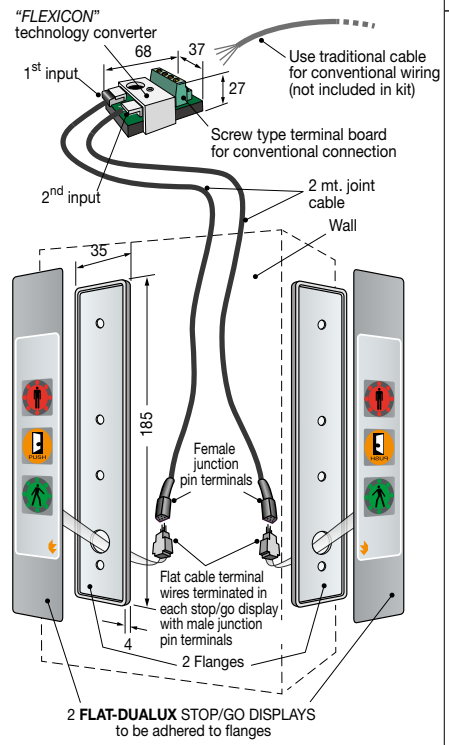
KIT 1 with support flange for wall or frame mount with uneven surfaces.

composed of:
- **n. 1** FLAT-DUALUX type 7 stop/go display with silver coloured anodised aluminium flange
- **n. 1** joint cable
- **n. 1** *"FLEXICON"* converter



KIT 2 with support flange for wall or frame mount with uneven surfaces.

composed of:
- **n. 2** FLAT-DUALUX type 7 stop/go displays with 2 silver coloured anodised aluminium flanges
- **n. 2** joint cables
- **n. 1** *"FLEXICON"* converter

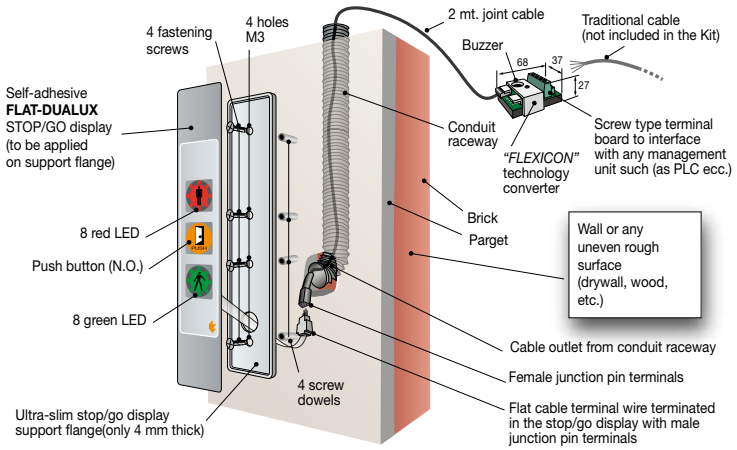


(overall dimensions in mm)

Special configurations available at extra charge
- FLAT-DUALUX stop/go display with customer's and/or customized logo (on request).

Attention! -
Based on the *"FLEXICON"* technology, Tecnodimensione STOP/GO displays are fitted with multi-configurable inputs/outputs that can be interfaced with any installation by means of a universal connection network and screw-type terminals.

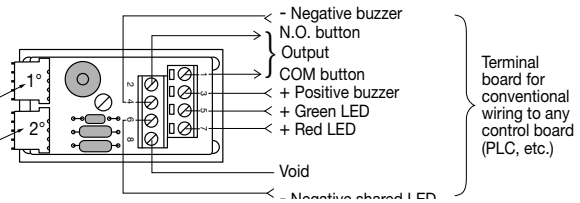
Example of FLAT-DUALUX type 7 stop/go display application complete with ultra-slim support flange for uneven surfaces



FLEXICON CONVERTER WIRING DIAGRAM

Female PIN input for joint cable

1st = for first stop/go display (Kit 1)
2nd = for additional second stop/go display (Kit 2)

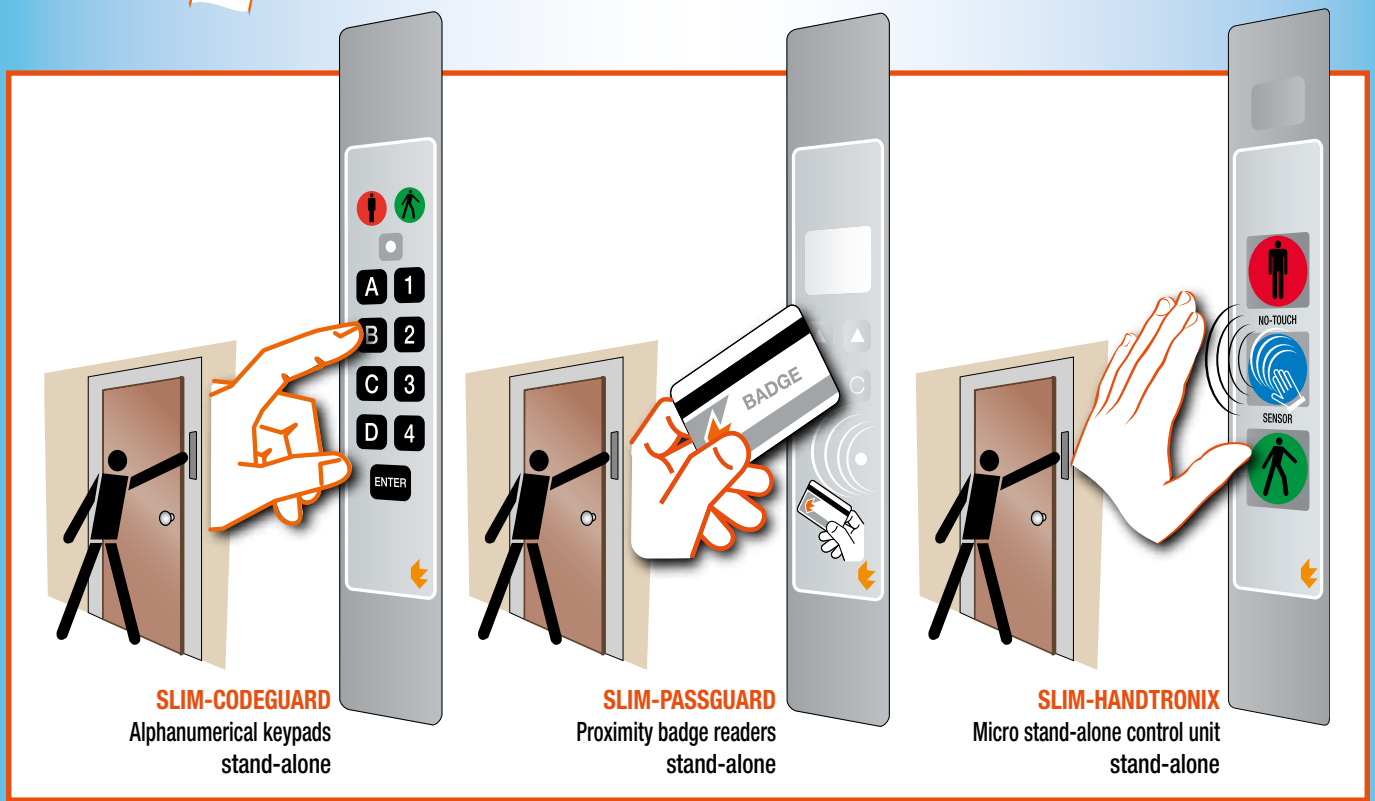


DOOR MANAGEMENT SYSTEMS

STAND-ALONE UNIT

Readers and numerical keypads for creating access control systems

3 devices with 5 different functions,
in a single unified convertible module.



SLIM-CODEGUARD
Alphanumerical keypads
stand-alone

SLIM-PASSGUARD
Proximity badge readers
stand-alone

SLIM-HANDTRONIX
Micro stand-alone control unit
stand-alone

with 5 types of installation next to the door

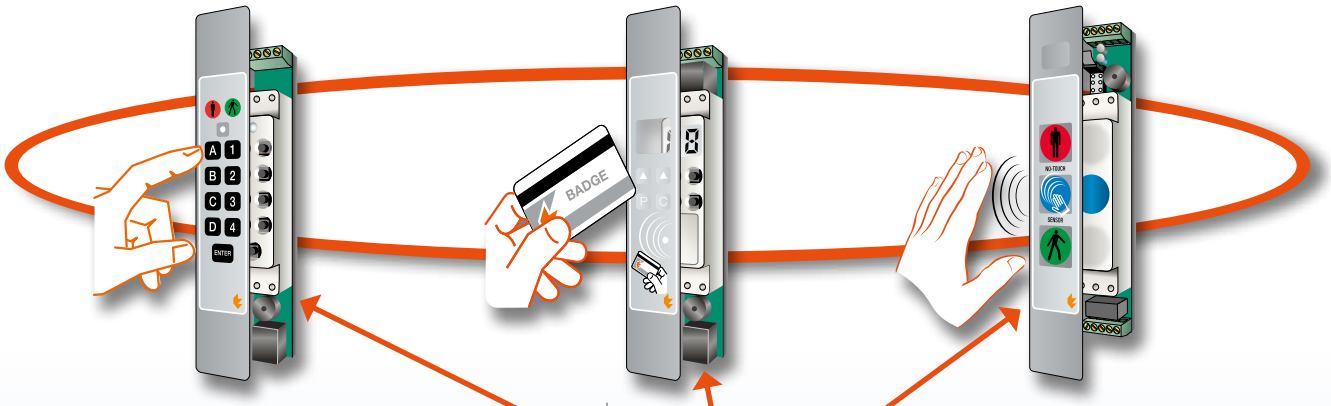
SLIM& MODULAR

Ultraslim and supercompact devices in unified convertible format in 5 installation types next to door.

Alphanumerical keypads stand-alone
SLIM-CODEGUARD

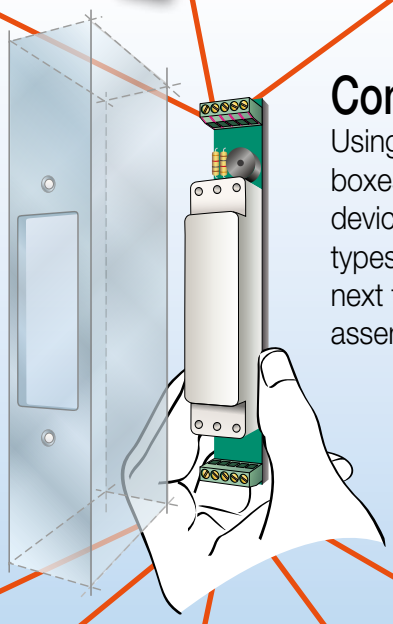
Proximity badge readers stand-alone
SLIM-PASSGUARD

Micro stand-alone control unit stand-alone
SLIM-HANDTRONIX



Unified module because....

A full SLIM & MODULAR range of devices with different functions, operations and purposes (code key pad, badge readers, micro stop and go display control panels, and stop and go display panels, entryphones and button panels on same series...) designed and made bearing in mind a single module of one size (Same for all). In fact, all the devices have the same appearance, size and modularity in order to be interchangeable and to be housed in the same unified chasing of the previous lock.

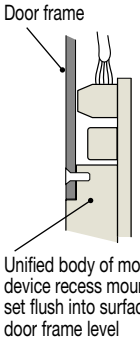


Convertible because...

Using unified flanges, cases and boxes, any unified SLIM & MODULAR device is convertible into 5 different types that can be installed in any way, next to the door, based on the assembly needs found in the field.

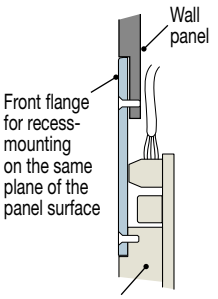
Assembly type 1

fully aligned concealed
for recess-mounting without flange on the same plane of the door frame panel



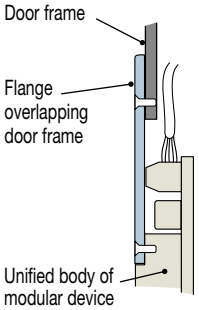
Assembly type 2

fully aligned at milling
for recess-mounting with front flange on the same plane of the panel surface



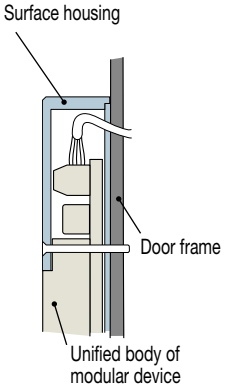
Assembly type 3

for conventional flush mounting
with front flange overlapping door frame



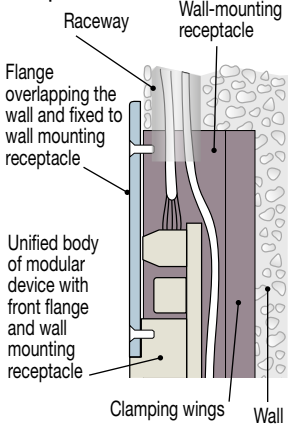
Assembly type 4

for surface mounting
with using housing

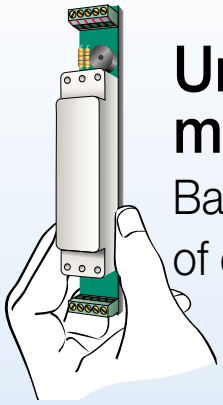


Assembly type 5

for recessed wall-mounting
with flange and wall-mounting receptacle



SLIM& MODULAR



Unified convertible module.

Basic reference for construction of each SLIM & MODULAR device.

3 devices with *5* different functions all sized for a single unified module

Alphanumerical keypads stand-alone
SLIM-CODEGUARD

for authorised accesses by typing access codes only.

Proximity badge readers stand-alone
SLIM-PASSGUARD

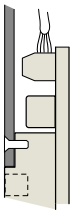
for authorised accesses via personal touch badge only.

Stop and Go micro control unit stand-alone
SLIM-HANDTRONIX

in addition to being a sensorized No-touch stop and go display, it is also a real micro control panel that can autonomously manage a single door with electric lock.

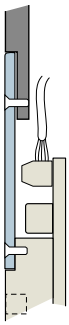
All convertible into *5* different types of installation next to the door.

Assembly type **1**



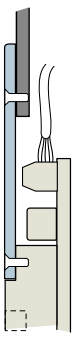
fully aligned concealed
for recess-mounting without flange on the same plane of the door frame panel

Assembly type **2**



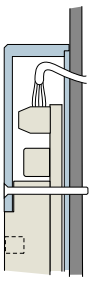
fully aligned at milling
for recess-mounting with front flange on the same plane of the panel surface

Assembly type **3**



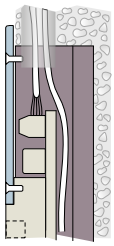
for conventional flush mounting
with front flange overlapping door frame

Assembly type **4**



for surface mounting
with using housing

Assembly type **1**



for recessed wall-mounting
with flange and wall-mounting receptacle

SLIM-CODEGUARD STAND-ALONE
PROFESSIONAL CODE KEYPAD

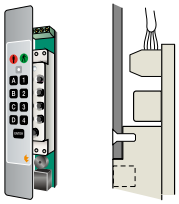
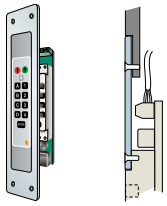
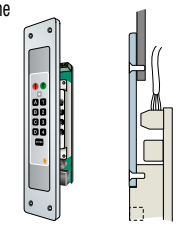
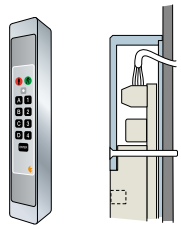
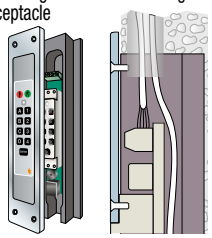
Programmable and modifiable without limitation and directly on the keypad in the field (using proprietary programming code, also programmable as desired in the field).

Alphanumerical access code can be 2 to 8 digits long.

- With screw-type terminal box for conventional cables for connection to control panel (for independent use with any system also from different manufacturer).
- 8 alphanumerical keys + Enter key for entering the codes.-2VDC/70 mA power supply.
- NO → NC output contact (for code recognition), 12VDC/1A rating for door opening control, timed at app. 5 seconds.
- 1 self-adhesive cover in polycarbonate, 180 x 30 mm R2,5 - thickness 0.3 mm, with international symbols, available in 7 colours
- two-color R/G LED + buzzer to confirm the opening of the door.

Export Product-list
January 2024

TECNODIMENSIONE®

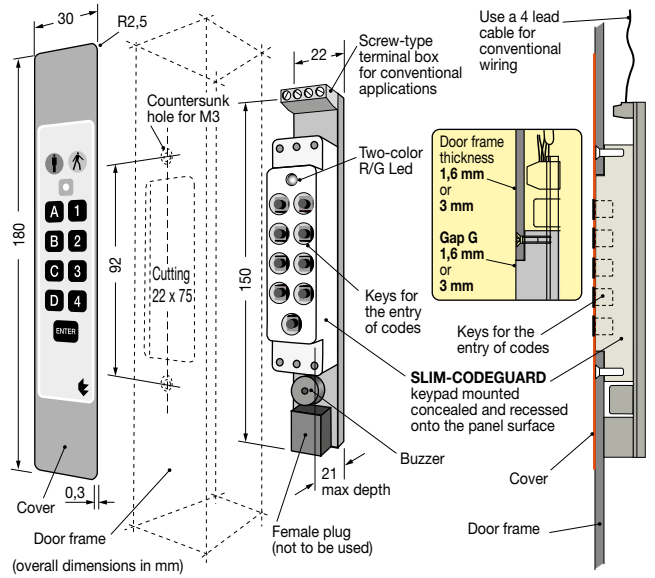
Models for 12 VDC power supply	Ordering information MODELS		Q.ty N°
Assembly type 1 **fully aligned concealed** for recess-mounting without flange on the same plane of the door frame panel ✻  SLIM-CODEGUARD access code keypad type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "smooth" surface (without roughness) that is easy to clean. Supplied with diffuser screen and gap G for sections with a thickness of 1.6 mm. Complete with self-adhesive cover designed to be applied after the final installation of the system. **✻ In this case it is advisable to prepare the recess during the door frame machining.**	034991NM2U		
	Same with front panel and gap G for sections with a thickness of 3 mm.	034991NM2U3		
Assembly type 2 **fully aligned at milling** for recess-mounting with front flange on the same plane of the panel surface ◆  SLIM-CODEGUARD access code keypad type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Supplied with front flange in anodized aluminium with “silver” finish, 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. **◆ In this case, it is advisable to prepare sunk milling during the panel machining phase.**	034992NM2U		
Assembly type 3 **for conventional flush mounting** with front flange overlapping door frame  SLIM-CODEGUARD access code keypad type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche. **Mounting can be carried out "on site", directly onto the installed door frame.**	034993NM2U		
Assembly type 4 **for surface mounting** with using housing  SLIM-CODEGUARD access code keypad type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. **Useful when you wish to avoid recess-mounting or cuts on the door frame.**	034994NM2U		
Assembly type 5 **for recessed wall-mounting** with flange and wall-mounting receptacle  SLIM-CODEGUARD access code keypad type 5 for recessed assembly using flange and wall box. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. Also fitted with wall box with “wings” for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled “in a niche” in the wall to house the body of the access code keypad. **Wall niche and cable channel to be prepared beforehand.**	034995NM2U		

Special configurations available at extra charge: Cover with your logo and/or customized.

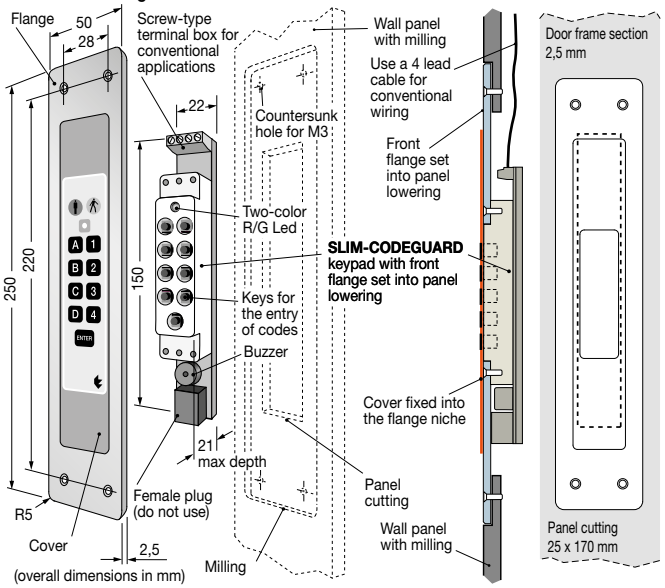
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 89

SLIM-CODEGUARD STAND-ALONE KEYPADS
sizes, application examples and connection diagram

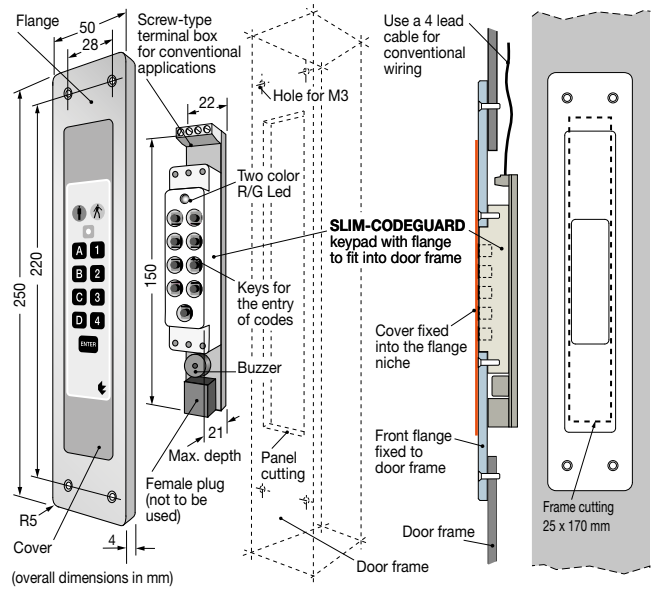
Assembly type 1 total alignment,
lock recessed into surface without flange



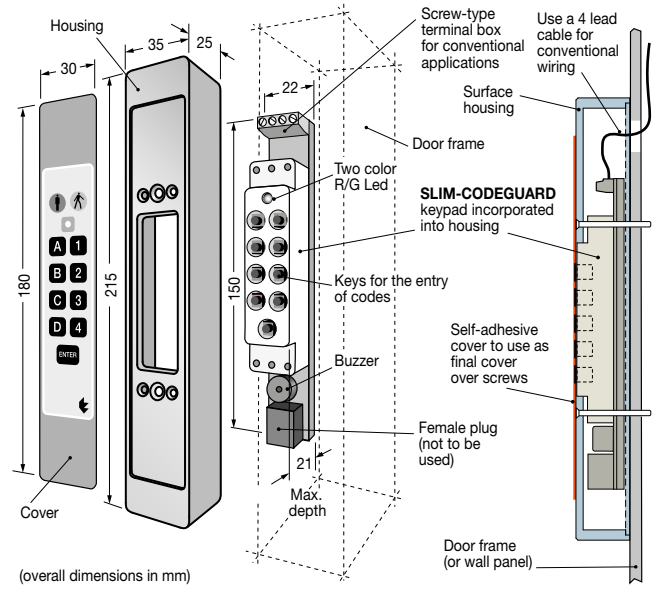
Assembly type 2 alignment at bottom
with front flange "flush with surface" at bottom



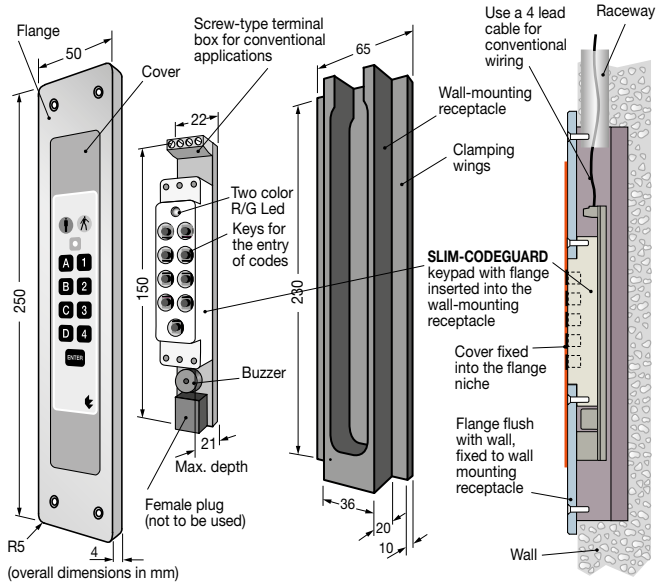
Assembly type 3 traditional fitting
with front flange over the lock



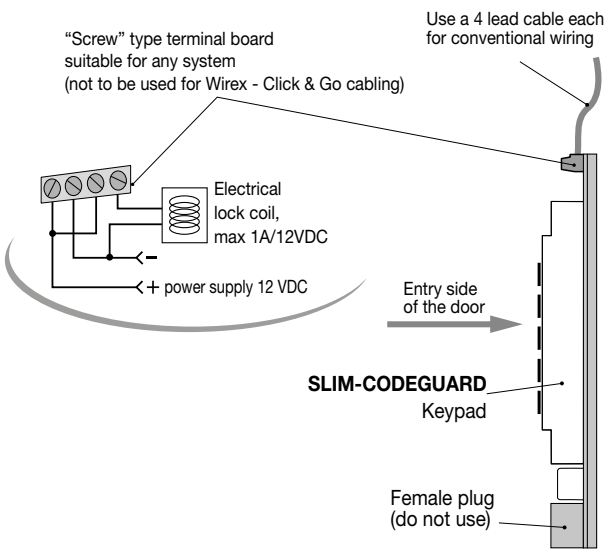
Assembly type 4 for mounting
placed on surface using housing



Assembly type 5 for recessed
wall mounting with flange and wall box



CONNECTION DIAGRAM valid for all 5 types



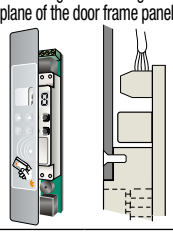
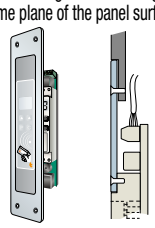
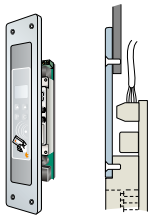
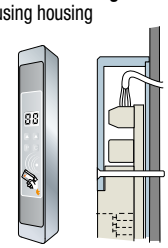
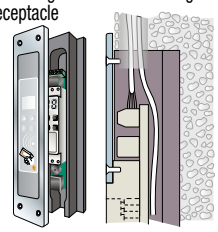
SLIM-PASSGUARD STAND-ALONE
PROFESSIONAL PROXIMITY BADGE READERS

Proximity badge reader, for controlling accesses by means of individual swipe badges.
Able of managing up to 99 badges.
Supplied with a proprietary "master badge" for programming the authorisation/deletion/ revocation of each badge without limitations and on-site.
Available in standalone version and with self-learning feature.
- With screw-type terminal box for conventional cables for connection to control panel (for independent use with any system also from different manufacturer)
- 1 alphanumerical display with 2 digits
- 4 feature keys (that can be programmed directly on the reader)
- 12 VDC/70 mA power supply
- 1 NO → NC output contact (for badge recognition), 12 VDC/1A rating for door opening control, timed at app. 5 seconds

Accessories supplied as standard: self-adhesive cover in polycarbonate, 180 x 30 mm, radius 2.5, thickness 0.3 mm, with international symbols that can be applied once the installation has been completed. Supplied with 1 master badge + 3 additional badges (see below).

Export Product-list
January 2024

TECNODIMENSIONE®

Ordering information		Q.ty
Models for 12 VDC power supply	MODELS	N°
Assembly type 1 **fully aligned concealed** for recess-mounting without flange on the same plane of the door frame panel ✻ 	SLIM-PASSGUARD proximity badge reader type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "smooth" surface (without roughness) that is easy to clean. Supplied with diffuser screen and gap G for sections with a thickness of 1.6 mm. Complete with self-adhesive cover designed to be applied after the final installation of the system. **✻ In this case it is advisable to prepare the recess during the door frame machining.**	**034991TM2U**		
	Same with front panel and gap G for sections with a thickness of 3 mm.	**034991TM2U3**		
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	**----------X**		
Assembly type 2 **fully aligned at milling** for recess-mounting with front flange on the same plane of the panel surface ◆ 	SLIM-PASSGUARD proximity badge reader type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. **◆ In this case, it is advisable to prepare sunk milling during the panel machining phase.**	**034992TM2U**		
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	**----------X**		
Assembly type 3 **for conventional flush mounting** with front flange overlapping door frame 	SLIM-PASSGUARD proximity badge reader, type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche. **Mounting can be carried out "on site", directly onto the installed door frame.**	**034993TM2U**		
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	**----------X**		
Assembly type 4 **for surface mounting** with using housing 	SLIM-PASSGUARD proximity badge reader, type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. **Useful when you wish to avoid recess-mounting or cuts on the door frame.**	**034994TM2U**		
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	**----------X**		
Assembly type 5 **for recessed wall-mounting** with flange and wall-mounting receptacle 	SLIM-PASSGUARD proximity badge reader, type 5 for recessed assembly using flange and wall box. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. Also fitted with wall box with "wings" for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the proximity badge reader. **Wall niche and cable channel to be prepared beforehand.**	**034995TM2U**		
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	**----------X**		
	Proximity badge in plastic, size DIN 86 x 54 mm (type credit card with Tecnodimensione logo)	**034990T**		

Special configurations available at extra charge: Cover with your logo and/or customized.

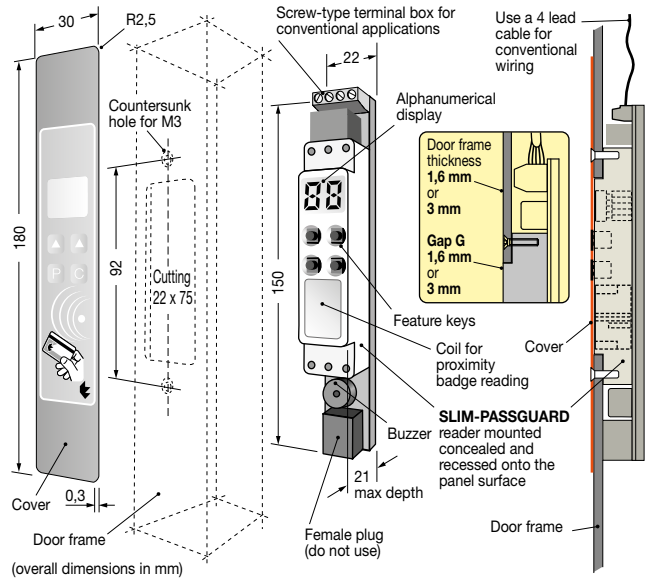
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 91

SLIM-PASSGUARD STAND-ALONE BADGE READERS

sizes, application examples and connection diagram

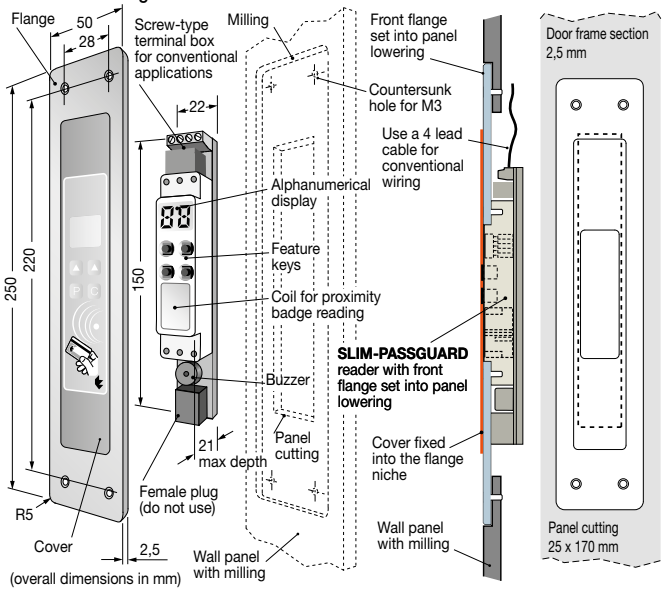
Assembly type 1 total alignment,

lock recessed into surface without flange



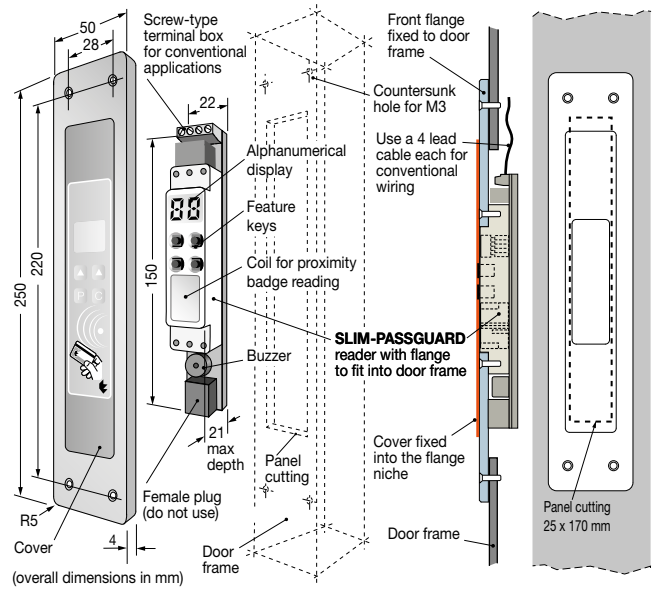
Assembly type 2 alignment at bottom

with front flange “flush with surface” at bottom



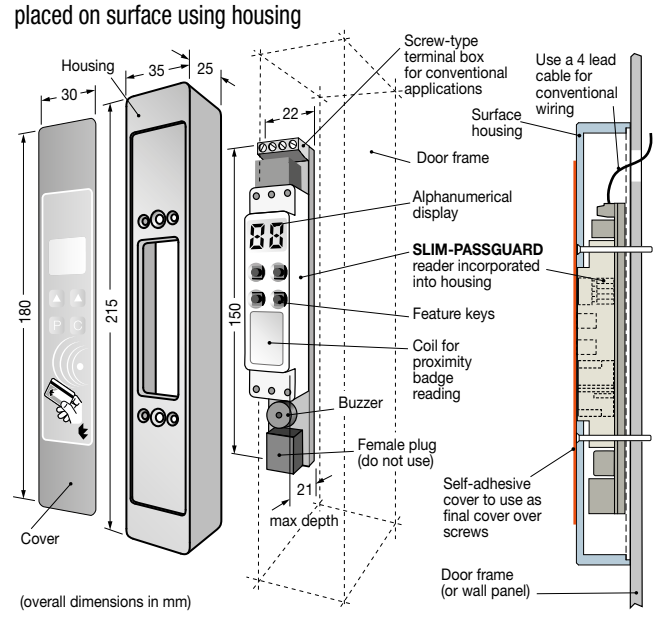
Assembly type 3 traditional fitting

with front flange over the lock



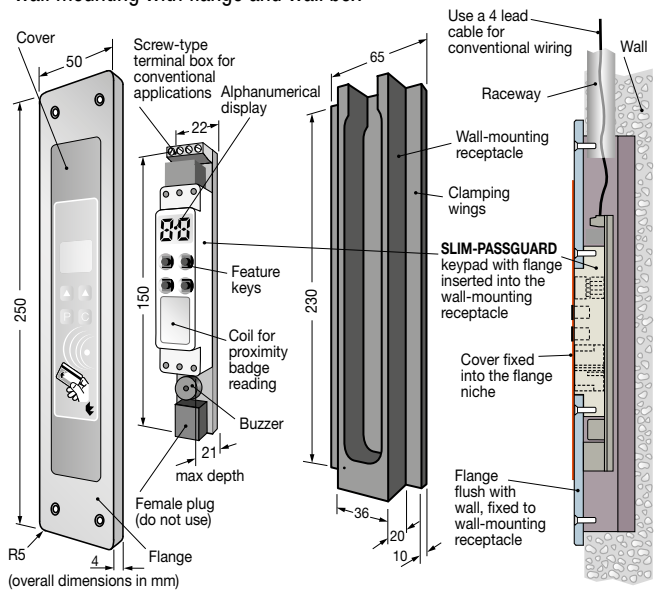
Assembly type 4 for mounting

placed on surface using housing

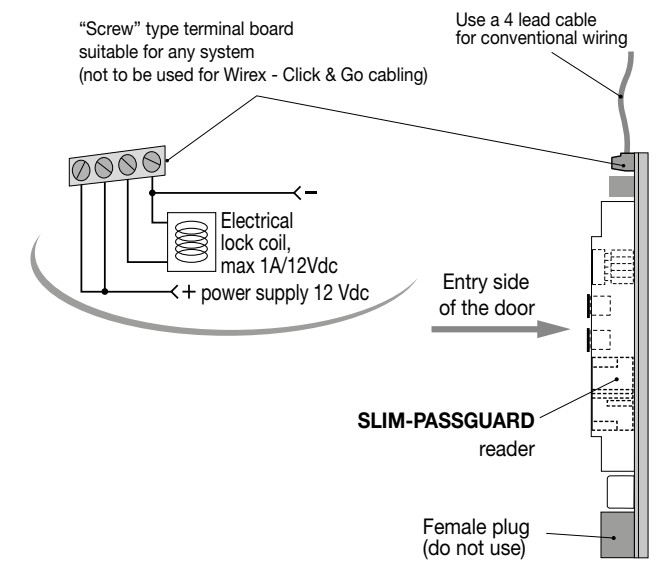


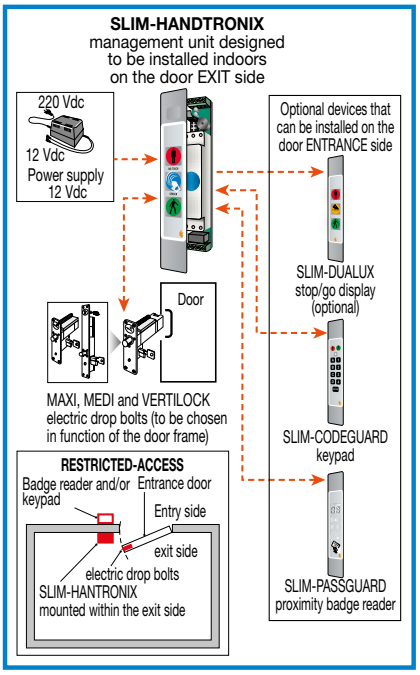
Assembly type 5 for recessed

wall mounting with flange and wall box



CONNECTION DIAGRAM valid for all 5 types





"No-touch" version
with
contactless command

SLIM-HANDTRONIX no touch

TECNODIMENSIONE PROFESSIONAL "STAND ALONE" UNIT FOR AUTONOMOUS MANAGEMENT OF EACH DOOR

This unit is not simply "No-touch sensorized Stop/Go display" but actually micro stand-alone unit designed to fully control one single door equipped with electrical lock.

One unit for... *5* different needs...

1st Timed unlocking command with automatic re-locking

2nd Debounce logic

3rd Tamper protection

4th Optical and/or acoustic signals

5th Temporary unlimited release

YOUR ENTRY INTO YOUR HOUSE OR APARTMENT BLOCK IS ALWAYS PROTECTED AND CONTROLLED.

1st

TIMED OPENING WITH AUTOMATIC RE-CLOSURE

(time required to authorise the door opening)

No more doors left open accidentally due to wrong movement or distraction! Control switch (with entryphone button, foyer door opening button, code keypad and/or badge, etc.) brings about release for a pre-set amount of time that can be adjusted as required (1-8-20-60 sec) enough to allow transit opening the door. Once the time has elapsed,the door is then locked, even if it has not been opened, and prevents any unauthorised entrance.

2st

DEBOUNCE LOGIC

Finally, a gentle door closing mechanism! After the door has been opened by an authorised opening command, the electrical solenoid bolt stays back so that the door is does not slam back. The pin is also released by a special debounce logic to compensate for undesired bounce or oscillations. In this way, the classic "door closer with pump" can complete its route without any resistance to win and then close the door completely.

Lastly, thanks to the "courtesy service", for manual release of the door using the key (and/or internal handle) the solenoid bolt pin stays back temporarily for the programmed release time even with the key not inserted. This allows you to put away your key, push the door and pass through it even with your hands full (transit with parcels, bags, etc.).

3rd

TAMPER PROTECTION

When in stand-by the door is locked, the unit supervises the door-proximity sensor against the tamper aiming to switch its own contacts. In other words, in stand-by condition, the locking of the bolt is not affected by interruption or alteration of the magnetic field of the reed sensor.

4th

OPTICAL AND/OR ACOUSTIC ALARMS

These signals report if there is a problem with the door. The built-in buzzer activates and the lights of the Stop/Go display flash to signal the following conditions:

- If the door after an authorized transit stays open over a presetted time (time-out adjustable 30 sec).
- Every opening obtained unlikely through breaking effraction gives an automatic immediate alarm output. Really the opening of the door is permitted electrically using only authorized command arrived by badge redair for example.

5th

TEMPORARY UNLIMITED RELEASE

This feature enables to permanently unlock the door for cleaning, moving and other purposes, or in the event of fire. It is possible to open the door an unlimited number of times without having to activate the command on the solenoid bolt for each passage.

SLIM-HANDTRONIX no touch

STAND ALONE UNIT FOR THE MANAGEMENT OF SINGLE DOORS

"No-touch" version with contactless command

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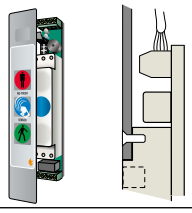
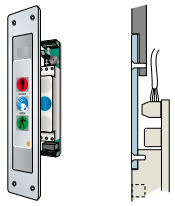
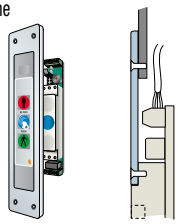
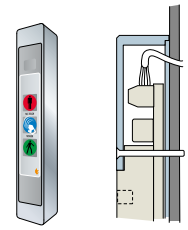
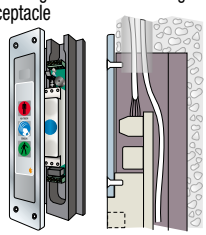
TECNODIMENSIONE®

This unit is not simply "No-touch sensorized Stop/Go display" but actually micro stand-alone unit designed to fulxy control one single door equipped with electrical lock.
This unit provides the following innovative features:

- **Temporizazion:** timed unlocking command - settable as desired (1-8-20-60 sec.) When the interval ends the door lock re-locks itself automatically, even if the door isn't open, thus preventing unauthorised intrusions.
- **Temporary unlimited unlocking (door locked in open position):** this feature enables to permanently unlock the door for cleaning and other purposes.
- **Temporary unlocking:** (open unlatched) - In case of maintenance, cleaning, moving, etc., the door can be set "open unlatched", only by using the key command, which allows an unlimited **number of door openings without the electrical lock be operated after each passage.**

Electric striker: **the wing returns to lock position as soon as the door is opened to avoid debounce when being closed.**

- **Tamper protection:** When in stand-by the door is locked, the unit supervises the door-proximity sensor against the tamper aiming to switch its own contacts. In other words, in stand-by condition, the locking of the bolt is not affected by interruption or alteration of the magnetic field of the reed sensor.
- **Optical and/or acoustic alarms:** These signals report if there is a problem with the door. The built-in buzzer activates and the lights of the Stop/Go display flash to signal the following conditions:
- If the door after an authorized transit stays open over a presetted time (time-out adjustable 30 sec).
- Every opening obtained unlikely through breaking effraction gives an automatic immediate alarm output. Really the opening of the door is permitted electrically using only authorized command arrived by badge redair for example. - 12 Vdc/120 mA power supply.

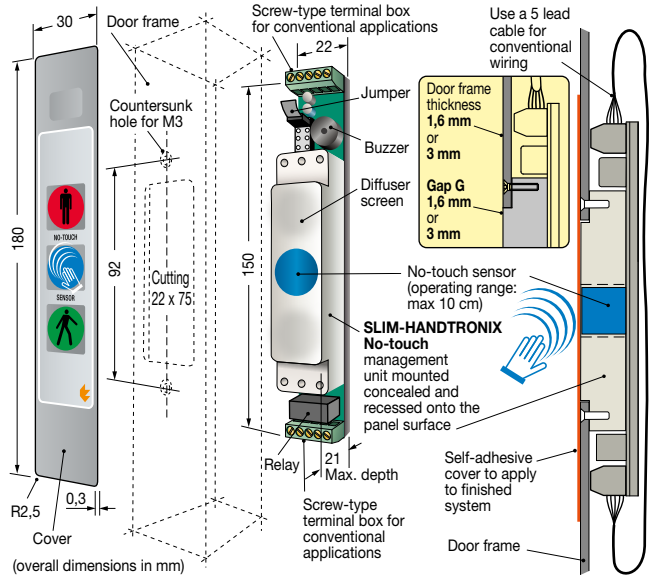
	Ordering information		Q.ty
Models for 12 Vdc power supply	MODELS		N°
Assembly type 1 **fully aligned concealed** for recess-mounting without flange on the same plane of the door frame panel ✻  SLIM-HANDTRONIX stand alone unit type 1with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "smooth" surface (without roughness) that is easy to clean. Supplied with diffuser screen and gap G for sections with a thickness of 1.6 mm. Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10 cm away. Basically, the "contactless" door opening and/or doorbell command is automatically triggered by bringing the hand close to the unit, without actually touching it. Complete with self-adhesive cover designed to be applied after the final installation of the system. ✻ **In this case it is advisable to prepare the recess during the door frame machining.**	034991HM		
Same with front panel and gap G for sections with a thickness of 3 mm	034991HM3		
Assembly type 2 **fully aligned at milling** for recess-mounting with front flange on the same plane of the panel surface ◆  SLIM-HANDTRONIX stand alone unit type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10 cm away. Basically, the "contactless" door opening and/or doorbell command is automatically triggered by bringing the hand close to the unit, without actually touching it. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. ◆ **In this case, it is advisable to prepare sunk milling during the panel machining phase.**	034992HM		
Assembly type 3 **for conventional flush mounting** with front flange overlapping door frame  SLIM-HANDTRONIX stand alone unit, type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting. Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10 cm away. Basically, the "contactless" door opening and/or doorbell command is automatically triggered by bringing the hand close to the unit, without actually touching it. Cover pre-assembled and fixed into the flange niche. **Mounting can be carried out "on site", directly onto the installed door frame.**	034993HM		
Assembly type 4 **for surface mounting** with using housing  SLIM-HANDTRONIX stand alone unit type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm). Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10 cm away. Basically, the "contactless" door opening and/or doorbell command is automatically triggered by bringing the hand close to the unit, without actually touching it. Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. **Useful when you wish to avoid recess-mounting or cuts on the door frame.**	034994HM		
Assembly type 5 **for recessed wall-mounting** with flange and wall-mounting receptacle  SLIM-HANDTRONIX stand alone unit type 5 for recessed assembly using flange and wall box. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10 cm away. Basically, the "contactless" door opening and/or doorbell command is automatically triggered by bringing the hand close to the unit, without actually touching it. Also fitted with wall box with "wings" for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the standalone unit. **Wall niche and cable channel to be prepared beforehand.**	034995HM		

Special configurations available at extra charge: Cover with your logo and/or customized.

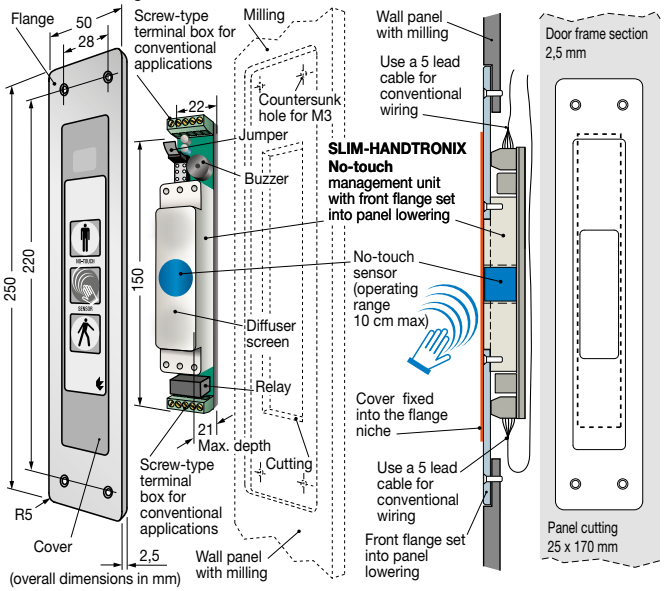
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 94

SLIM-HANDTRONIX STANDALONE UNIT - sizes, application examples and connection diagram

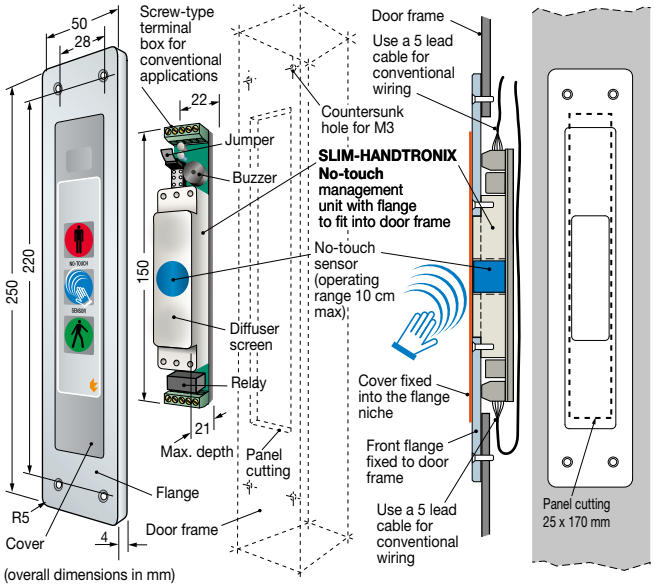
Assembly type 1 total alignment, lock recessed into surface without flange



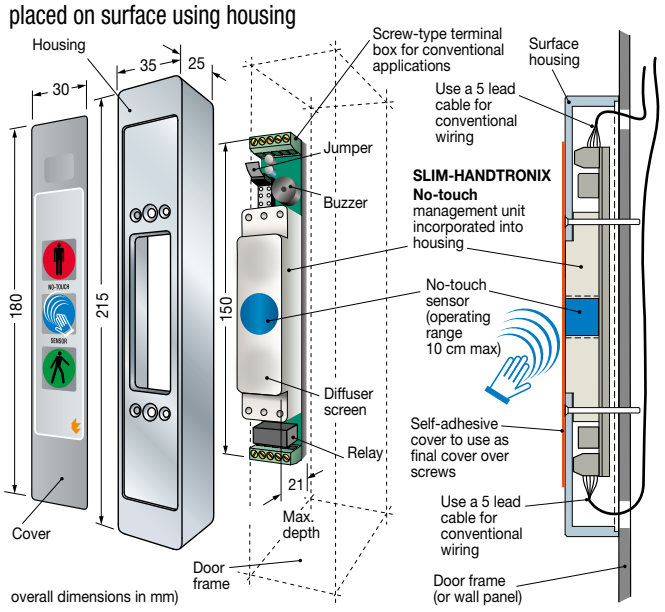
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



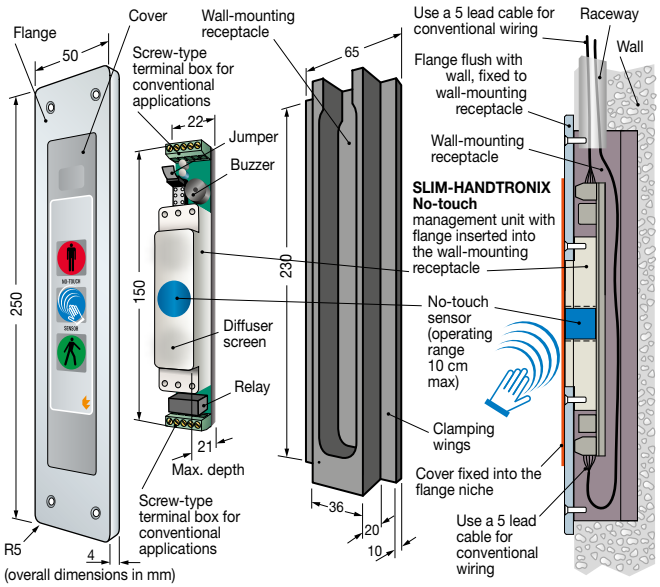
Assembly type 3 traditional fitting with front flange over the lock



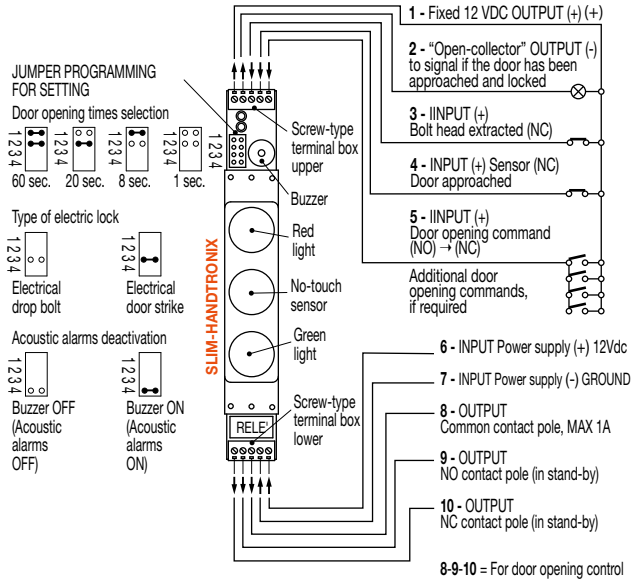
Assembly type 4 for mounting placed on surface using housing



Assembly type 5 for recessed wall mounting with flange and wall box

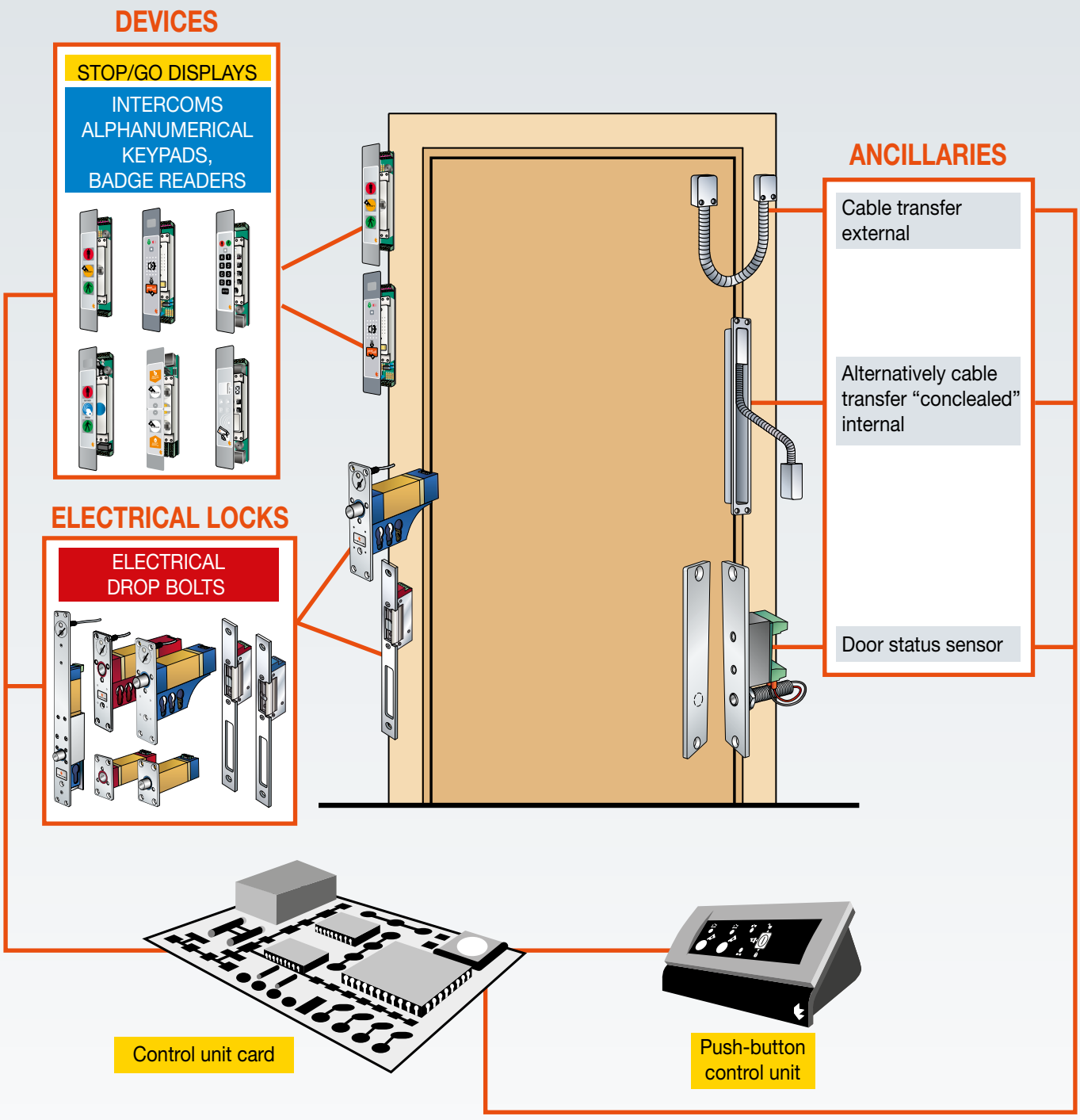


CONNECTION DIAGRAM valid for all 5 types



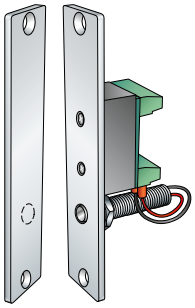
PROFESSIONAL ANCILLARIES FOR INSTALLATION

Example of a door equipped with devices, electric locks and accessories



TECNODIMENSIONE
security with style

ANCILLARIES FOR INSTALLATION



PROFESSIONAL PROXIMITY SENSORS TO MONITOR DOOR STATUS

SLIM-PROXY

MAGNETIC REED SENSOR

with screw-type terminal board for conventional cabling

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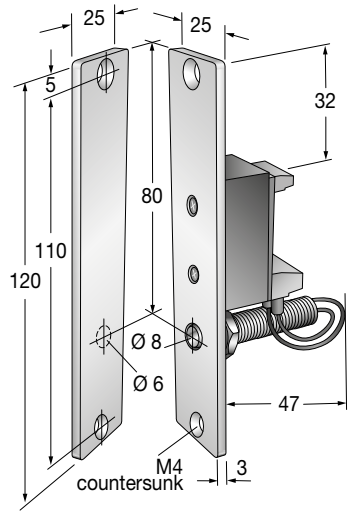
TECNODIMENSIONE®

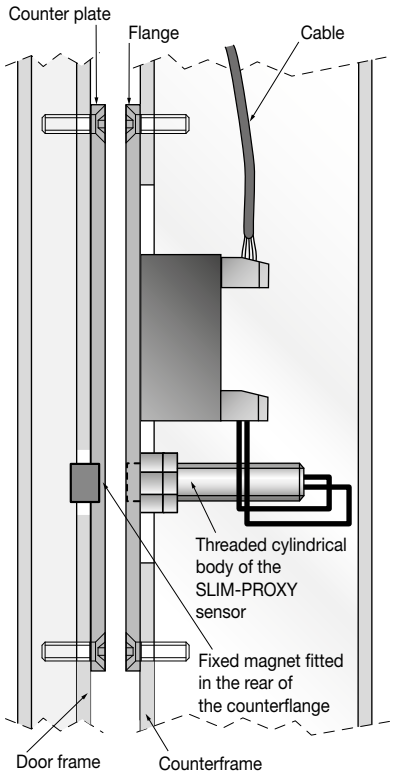
Magnetic Reed sensor complete with flange and counterflange in anodised aluminium with “silver” finish for flush mounting.

	Ordering information		Q.ty
	MODELS		**N°**
SLIM-PROXY For recess mounting Recessed proximity sensor for control shutting of door. Reed with large magnet, also for iron doors (to be installed on upper part of door to control the “aligned door” status).			
Models for 12 Vdc power supply			
Reed sensor for fitting SLIM-PROXY with screw-on terminal with conventional cabling for any system for controlling door shutting (adjustable on the axis). SPDT switching output contacts (dry) capacity 0.9/12V Fitted with flange and counterflange in anodised aluminium with “silver” finish and high flow magnet built-in on the rear of the reference counterflange.	**032111MF**		

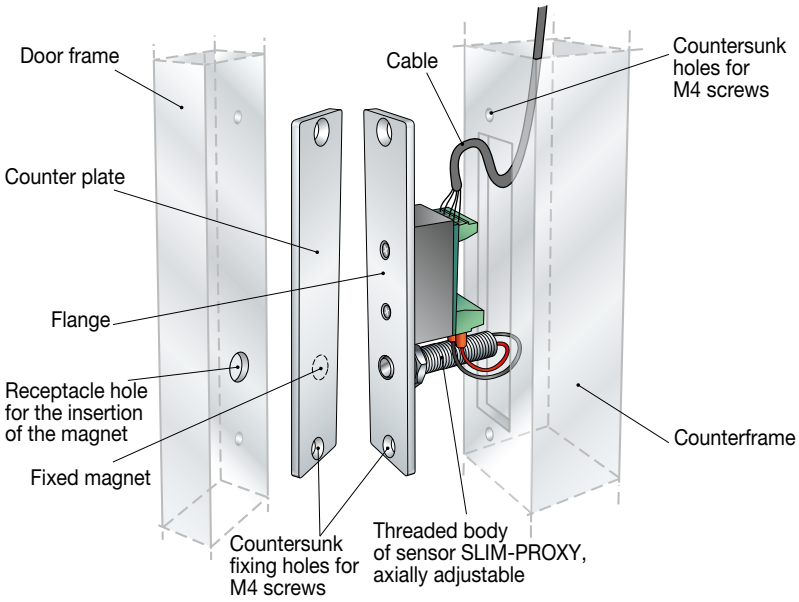


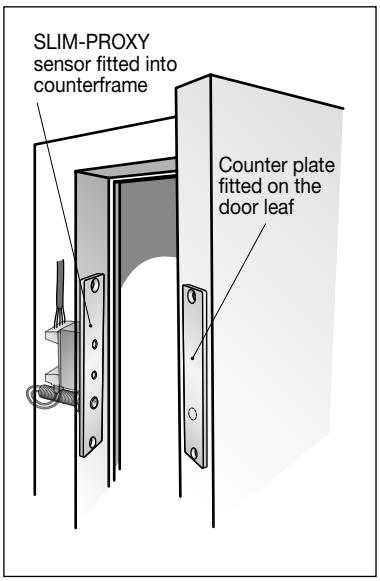
(overall dimensions in mm)

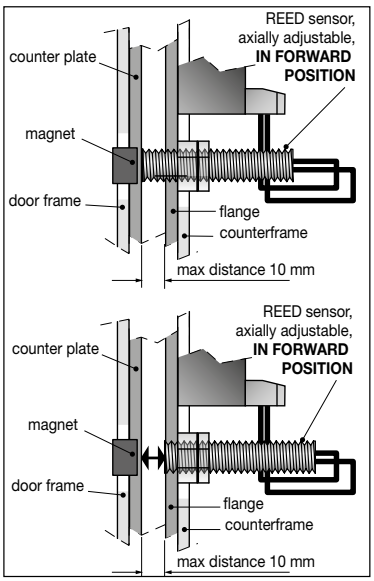
EXAMPLE OF IMMEDIATE ASSEMBLY



EXAMPLE OF CONNECTING THE SLIM-PROXY PROXIMITY SENSOR







ANCILLARIES FOR INSTALLATION

PROFESSIONAL PROXIMITY SENSORS TO MONITOR DOOR STATUS

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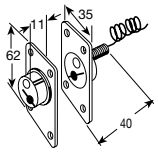
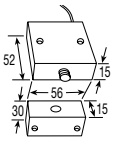
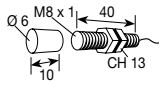
TECNODIMENSIONE®

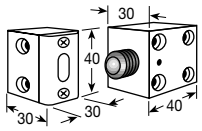
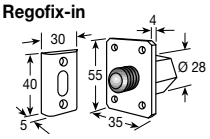
REGOPLUS® & PROXY SENSORS
WITH "HIGH FLOW" MAGNETIC REED CONTACTS

Proximity reed sensors with high flow magnet to control doors of any type, either timber, aluminium frame and "all iron-made" types too. (To be installed in the door frame to "see" when the door is going into the frame-post.

		SERIES	Ordering information MODELS		Q.ty N°
REGOPLUS 	**Door monitoring proximity contact for flush mounting,** set composed of 2 cromium-coated brass face-plate adapter to be fitted into the frame of the door, with buitl-in reed sensor assembled on special adjustable "Regoplus" device for micrometric setting up to 13mm shifting on 360° rotation. Changeover SPDT dry contacts output 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.	REGOPLUS®	**032111DF3**		
PROXY 	**Door monitoring proximity contact for surface mounting,** set composed of anodized aluminium solid block that includes threaded cylindrical proximity sensor axially adjustable to be adapted to the frame/ door distance. Changeover SPDT dry contacts 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.	PROXY	**0020705D**		
"SEMPLIFIED" execution 	**Door monitoring proximity contact nickel plated brass,** "threaded cylindrical " execution complete with locknuts. Changeover SPDT dry contacts 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.		**032111**		

SNAP-IN RETAINERS/POSITIONING DEVICE FOR DOOR CLOSING

REGOFIX THE MECHANICAL DOOR FIXING DEVICE
Adjustable model with compressing ball and a high progressive force. Ideal for doors, gates and frequently used residential and industrial front doors that could fail to close properly due to pressure applied to the leaf surface.

Regofix 	**Snap-in retainer/positioning device for the application on surfaces** Complete kit that includes a positioning ball in tempered steel with compression spring, designed to be precisely adjusted axially, fitted on an Anticorodal anodised machined aluminium monobloc with silver finish" = F for the application on surfaces. The kit includes a reference block designed to be applied on surfaces in Anticorodal anodised machined aluminium F with stop in chromium-plated steel and seat for the retraction and pointing of the positioning ball.		**004915AF**		
Regofix-in 	**Snap-in retainer/positioning device for applied configurations** kit with positioning ball in tempered steel as above, but fitted on a chromium-plated brass flange for recess-mounting. The kit includes a reference flange for recess-mounting in chromium-plated steel with a slot for the retraction and pointing of the positioning ball.		**004915G**		

PROFESSIONAL ANCILLARIES FOR CABLE TRANSFER ELECTRICAL WIRING ARRANGEMENT

cable transfer (traditional wiring; not WIREX type) set with heavy duty protective flexible conduit to provide the cable wiring between door frame and door, for direct permanent current line (ideal for wiring connections of electrical bolts, magnetic locks, electronic devices, touch-sensitized push handles and so on)

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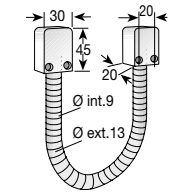
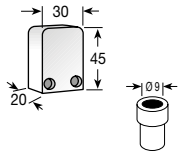
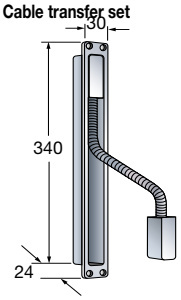
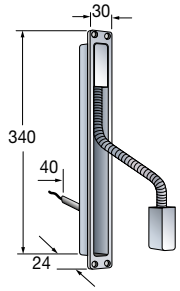
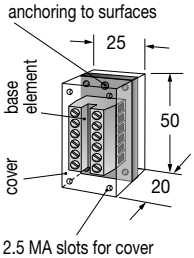
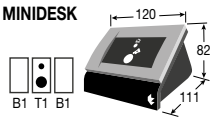
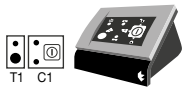
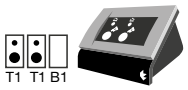
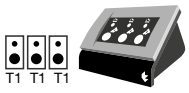
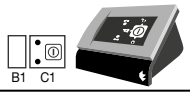
TECNODIMENSIONE®

		SERIES	Ordering information MODELS		Q.ty N°
MEDICABLEX 	**CABLEX EXTERNAL EXPOSED "TEAR-PROOF" EXECUTION**				
	"Medium gauge" cable transfer protective set composed of 1 zinc-coated metallic flexible conduit 30cm long, internal Ø 9mm including 2 metallic "ferrules" (final ring spouts). With 2 conduit terminals, heavy duty tear-proof anodized alluminuim type natural "silver" coloured = F.	MEDICABLEX	**031301F**		
	"Medium gauge" cable transfer protective set composed of 1 zinc-coated metallic flexible conduit 30 cm long, internal Ø 9mm ; including 2 metallic "ferrules" as above mentioned but complete with 2 anodized alluminium conduit terminals, dark brown "coloured" = N.	MEDICABLEX	**031301N**		
"Bulk" flexible conduit	**Flexible cable protective conduit "in bulk" (one skein 10 mt long) to be cutted to pieces.**				
	"Medium gauge" flexible protective cable conduit, zinc-coated metallic type. External diameter Ø 13mm internal diameter Ø 10mm (measured without ferrules)		**031305Z**		
Medium M terminal Medium M ferrule 	**ANCILLARIES FOR FLEXIBLE PROTECTIVE CABLE CONDUIT "IN BULK"**				
	For "medium gauge" flexible protective cable (Ø 10mm int./ Ø 13mm ext.)				
	"Medium gauge" heavy duty tear-proof conduit terminal M to fix the medium flexible conduit. Made by alluminium massive block and anodized in natural "silver" colour.		**031309F**		
	"Medium gauge" conduit terminal M as above but "dark brown" coloured.		**031309N**		
	"Medium gauge" metallic ferrule M final ring spout with bevelled edge to be screwed into each mouth of the piece of flexible conduit to ensure abrasion-free the inserted electrical cable.		**031313B**		
CABLEX-IN Cable transfer set 	**CABLEX-IN "CONCEALED" PROFESSIONAL EXECUTION**				
	STANDARD TYPE for universal flush mounting either into door-frame or door				
	"Concealed" cable transfer protective set composed of 1 stainless steel spring conduit 180mm long (extensible up to 25% more for door arrangement) internal diameter Ø 9mm, external diameter Ø 13mm. Flush mount housing made by massive block of alluminium, anodized in natural "silver" colour = F. Universal version to be installed either into door-frame or opposite way into the door.	CABLEX-IN	**031302F**		
	"Concealed" cable transfer protective set composed as above mentioned but with anodized alluminium housing "dark brown" coloured = N.	CABLEX-IN	**031302N**		
Cable transfer set CABLEX-IN sensorized 	**"SENSORIZED" TYPE with built-in inacessible proximity reed sensor, for "secret" door monitoring (door open/closed).**				
	"Concealed" cable transfer protective set composed of 1 stainless steel flexible spring conduit 180mm long (extensible up to 25% more for door arrangement) internal diameter Ø 9mm, external diameter Ø 13mm. Flush mount housing made by massive block of alluminium, anodized in natural "silver" colour = F. Special "sensorized" version with built-in "inacessible" proximity reed sensor with output SPDT changeover dry contact 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.	CABLEX-IN	**031302FZ**		
	"Concealed" cable transfer protective set composed as above mentioned but with anodized alluminium housing "dark brown" coloured. Special "sensorized" version as above mentioned.	CABLEX-IN	**031302NZ**		
DUAL-TERMINALS 3 MA slots for screw anchoring to surfaces  2.5 MA slots for cover fixing screws on base	**DUAL-TERMINALS tri-modular with Flexicon technology With screw-type terminals for conventional cables**				
	1-module DUAL-TERMINALS element with 6 input and 6 mirrored output terminals. Ideal for orderly grouping and compacting of all incoming and outgoing system wires in a single terminal box. Furthermore, specific slots let you professionally add on diodes, resistances, etc., when needed, by welding. It comes complete with protection and insulation cover to avoid direct contacts. Specific slots in the cover permit all types of fixtures. Overall cover dimensions 50 x 25 x 20.		**031501**		
	2-module DUAL-TERMINALS element same as the above but with 12 input and 12 mirrored output terminals. Overall cover dimensions 100 x 25 x 20.		**031502**		
	3-module DUAL-TERMINALS element same as the above but with 18 input and 18 mirrored output terminals. Overall cover dimensions 150 x 25 x 20.		**031503**		

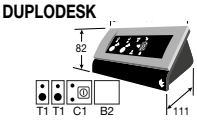
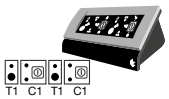
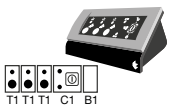
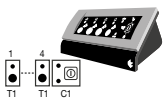
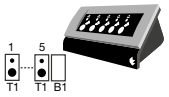
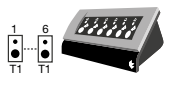
BRICKYDESK DESKTOP CONSOLES FOR DOORS MANAGEMENT

Export Product-list
January 2024

TECNODIMENSIONE®

TECHNICAL CHARACTERISTICS Multipurpose consoles for desktop use or convertible (up side-down) into wall mounting panel-stand. Shock-proof plastic housing with metallic front plate	N° .... OF DOORS TO BE MANAGED	N° .. DOOR PUSH-BUTTONS with N.O. contact → N.C. (pushing the button)	EXTENDABLE UP TO N° ..... of doors	N° ... OF BLIND UNITS for future extensions	OPERATING VOLTAGE Vdc	POWER CONSUMPTION mA	N° .... OF VISUAL INDICATORS G/R = 1 LED green/red bifunc. G = 1 LED green R = 1 LED red Y = 1 LED yellow (by request)	N° .... OF KEY SELECTORS "C" 3 release positions (for example lock/unlock) etc.	Ordering information MODELS		Q.ty N°
MINIDESK 	1	1T	3	2	12V	15	1 V/R	---	**034753T1B2**		
	1	1T	---	---	12V	30	1V/R + 1V + 1R	1C	**034753T1C1**		
	2	2T	3	1	12V	30	2 V/R	---	**034753T2B1**		
	3	3T	---	---	12V	45	3 V/R	---	**034753T3**		
	1	---	1	1	12V	30	1V + 1R	1C	**034753C1B1**		
ACCESSORIES (optional) For the consoles listed	**Phone receiver independent PH** (separate) table and/or wall intercom handset.								**S034858F**		
	Microtimer module for temporized (5 sec or 10 sec) opening command for one door equipped with low-consumption door striked or any Tecnodimensione electrical bolt (excluded Maxilock). The Microtimer should be placed inside into any of above consolles, as many you need to control up to 4 doors maximum.								**035902.... x n°.....** uno per ciascuna porta		

DUPLODESK DESKTOP CONSOLES FOR DOORS MANAGEMENT

DUPLODESK											
	2	2T	4	2	12V	45	2V/R + 1V + 1R	1C	**034756T2C1B**		
	2	2T	---	1	12V	60	2V/R + 2V + 2R	2C	**034756T2C2**		
	3	3T	4	1	12V	60	3 V/R + 1V + 1R	1C	**034756T3C1B**		
	4	4T	---	---	12V	75	4V/R + 1V + 1R	1C	**034756T4C1**		
	5	5T	6	1	12V	75	5V/R	---	**034756T5B1**		
	6	6T	---	---	12V	90	6V/R	---	**034756T6**		
ACCESSORIES (optional) For the consoles listed	**Phone receiver independent PH** (separate) table and/or wall intercom handset.								**S034858F**		
	Microtimer module for temporized (5 sec or 10 sec) opening command for one door equipped with low-consumption door striked or any Tecnodimensione electrical bolt (excluded Maxilock). The Microtimer should be placed inside into any of above consolles, as many you need to control up to 4 doors maximum.								**035902.... x n°....** uno per ciascuna porta		

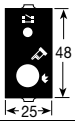
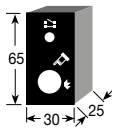
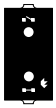
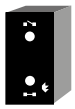
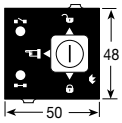
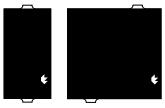
Note : In addition to the listed models, by request several others combined consoles should be realized "as mosaic-work" using BRICKY units B1 ☐ or ▭ B2 (blind) or, ▯ S1 ▯ S2 with Leds, or ▯ T1 with push-button, or ▯ C1 with key-selector, and so on (see the specific sheet "BRICKY).

BRICKY FREELY ASSEMBLYING MODULES TO PERFORM DESKTOP AND RACK CONSOLES

Export Product-list
January 2024

TECNODIMENSIONE®

TECHNICAL CHARACTERISTICS
Multifunctional modules freely combined "as mosaic-work".
Complete with print circuit equipped with screw terminals for fast wiring connection.

	SINGLE UNIT MODULE	DOUBLE UNIT MODULE	"BLIND" MODULE (multipurpose)	FOR FLUSH MOUNTING into frame	SURFACE MOUNTING with black alluminum housing	OPERATING VOLTAGE Vdc	POWER CONSUMPTION mA	COMMAND PUSH BUTTON "T" with N.O. correct → N.C. (pushing the button) 1A/12V rated	VISUAL INDICATORS G/R = 1 led bifunctional G = 1 led green R = 1 led red Y = 1 led yellow (by request)	KEY SELECTOR "C" with 3 release positions	BUZZER	Ordering information MODELS		Q.ty N°
BRICKY T1 	●	---	---	●	---	12V	15	1T	1 V/R	---	---	**034753T1**		
BRICKY T1A 	●	---	---	---	●	12V	15	1T	1 V/R	---	---	**034753T1A**		
BRICKY S2 	●	---	---	●	---	12V	15	---	1V + 1R	---	---	**034753S2**		
BRICKY S2A 	●	---	---	---	●	12V	30	---	1V + 1R	---	---	**034753S2A**		
BRICKY S1	●	---	---	●	---	12V	15	---	1 V/R	---	---	**034753S1**		
BRICKY S1A	●	---	---	---	●	12V	15	---	1 V/R	---	---	**034753S1A**		
BRICKY C1 	--- ---	● ●	--- ---	● ●	--- ---	12V 12V	30 30	--- ---	1V + 1R 1V + 1R	1C 1C	● ---	**034753C1** **034753C1Y**		
BRICKY B1 **B2** 	● ---	--- ●	● ●	● ●	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	**034753B1** **034753B2**		

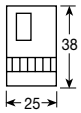
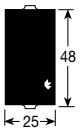
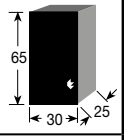
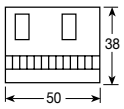
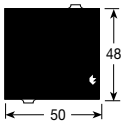
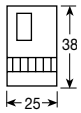
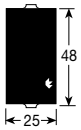
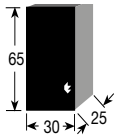
Exemple: desktop console performed by you using BRICKY modules "as mosaic-work".
For pre-assembled combinations, see specific sheets "BRICKYDESK CONSOLES".

MICRORELEX "MULTIFUNCTIONAL" MINIATURE RELAY MODULES

Export Product-list
January 2024

TECNODIMENSIONE®

TECHNICAL CHARACTERISTICS
Multipurpose modules, microboard execution with screw terminals for fast wiring connections. Ideal as auxiliary actuations, interface for existing installations.

	SINGLE UNIT MODULE	DOUBLE UNIT MODULE	FOR FLUSH MOUNTING into frame	SURFACE MOUNTING with black alluminum housing	"PRINT CIRCUIT" EXECUTION (without box)	OPERATING VOLTAGE Vdc	POWER CONSUMPTION mA	1 AMPLIFIED RELAY activation by "low level" signal - 5 mA/12V P = with positive input + N = with negative input -	1 AUTOCONTROLLED RELAY activation with variable signal from 8 up 12Vac (alternative voltage)	2 PROGRAMMABLE RELAYS - each stand-alone (separated inputs) - tandem (commun input command)	1 TEMPORIZED RELAY (adjustable 1 ÷ 60 sec) programmable	CONTACT OUTPUTS changeover SPDT - 1A/12V	Ordering information MODELS		Q.ty N°
MICRORELEX R1	It is a smale relay unit with amplified input circuit to be drove by any low lever signal (either positive or negative 12Vdc). Execution and dimensions like single unit Bricky module.														
"pcb" 	--- ---	--- ---	--- ---	--- ---	● ●	12V 12V	20 20	1P 1N	--- ---	--- ---	--- ---	● ●	**035812P** **035812N**		
Bricky execution R1 	● ●	--- ---	● ●	--- ---	--- ---	12V 12V	20 20	1P 1N	--- ---	--- ---	--- ---	● ●	**034753R1P** **034753R1N**		
Bricky execution R1A 	● ●	--- ---	--- ---	● ●	--- ---	12V 12V	20 20	1P 1P	--- ---	--- ---	--- ---	● ●	**034753R1PA** **034753R1NA**		
MICRORELEX R2	It is a unit with 2 small relays to be drove separetely or contemporarely (using programmable jumper setting) by standard 12Vdc input signals; or with proper interconnection, it is a latching relay with one SPDT output contact. Execution and dimensions like double unit Bricky module.														
"pcb" execution 	---	---	---	---	●	12V	40	---	---	●	---	●	**035822**		
flush mounting Bricky execution 	---	●	●	---	---	12V	40	---	---	●	---	●	**034753R2**		
SPECIAL INTERFACE MODULES to upgrade condominuim entrygate	It is a smalle relay unit to be drove by alternative current input signal (from 8 up to 12Vca variable voltage). It should be used as interface adapter to intercom system (old generation) typically operates on 8 ÷ 12Vca voltage. Ideal to up-grade the exting conventional condominium entrygate to be equipped with advanced **Tecnodimensione** electrical bolts Tronix version.														
MICRORELEX R1C pcb execution 	---	---	---	---	●	8/12 Vac		30	---	●	---	●	**035811C**		
flush mounting Bricky execution 	●	---	●	---	---	8/12 Vac		30	---	●	---	●	**034753R1C**		
surface Bricky execution 	●	---	---	●	---	8/12 Vac		30	---	●	---	●	**034753R1CA**		

Notes: MICRORELEX "visible" models must be installed in junction boxes and/or housings.
Bricky models can be combined with other Bricky elements (see the applicable price list under item "BRICKY") and arranged in a "mosaic" pattern on panels or consoles or even installed in the small frames with plates that are typically used with electrical switches (junction box "503").

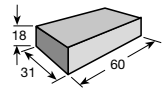
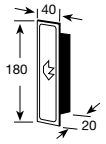
LOGIC MODULES FOR DOOR MANAGEMENT

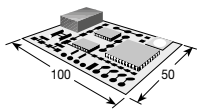
Export Product-list
January 2024

TECNODIMENSIONE®

Properly designed to help the installer in his job to realize easely & quickly any system to meet both simple or complex customer demands.

CHARACTERISTICS TECHNICAL
Very compact electronic board of various size to control the door opening procedure for any doors equipped with electrical bolts or electrical door strikes.

	DOOR "TIMED" OPENING COMMAND with auto-relock ● Field adjustable 1 ÷ 20 sec ○ Fixed 3 ÷ 5 sec (not adjustable)	**AUTOMATIC RE-LOCK PROGRAM** for electrical locks (fail-secure and fail-safe)	**REBOUND COMPENSATION LOGIC** with attemps to autorelock	**COURTESY SERVICE** electronic key override with timed unlock and auto re-lock	**TAMPER PROTECTION** in standby, the bolt sensor is not affected	**DAY/NIGHT PROGRAM** - unlimited unlock (day) - permanent lock (night)	**REMOTE INDICATIONS OUTPUTS** ● door status (aligned & closed) ○ bolt status (door locked)	**INTERLINK** of 2 same modules ● 2 doors interlock (mutual logic) ○ multiple interlock (3 or more doors)	**OPERATING VOLTAGE** Vdc	**POWER CONSUMPTION** mA	Ordering information **MODELS**		Q.ty N°
MICROTIMER 	It is a micromodule (built-in onto a sealed plastic housing) that provides to open the door by a temporized command. The output is a SPDT contact 1A/12Vdc rated with programmable setting for electrical door strike or electrical bolts, magnet lock (either fail-secure of fail-safe version).												
	○	●	---	---	---	●	---	---	12V 24V	80 80	**035902** **035904**		
TRONIX for flush mounting 	It is a "compact" micromodule SMD execution for universal 12V or 24Vdc operating voltage. Multifunctional device to be used to control and drive any electrical bolts, magnetic lock, on "Z" setting (either fail-secure or fail-safe version).												
	●	●	●	---	●	●	●○	●	12V 24V	80	**035952**		

	LOGICAL CARDS FOR DOOR INTER-SIGNALLING WITH ACKNOWLEDGMENT			
PHARMABLOCK 	**Ideal for clean rooms,** anti-contamination changing rooms used, pharmaceutical laboratories, research departments and controlled areas.			
	Logical card in Print Mather Board execution (without housing) prepared to manage with visually lights (without locks) the interdependence of 2 doors + 2 doors with presence control (changing room in use). Alarm relay for simultaneously opened doors. 12VDC/100 mA power supply. Note: the selling of these module are dovoted to specialised installers and is used to interface the systems present in clean rooms. Pharmablock control units for several zones with preset logics are also available on request (see below).	**034742H**		

POWERBLOCK PROFESSIONAL POWER SUPPLIES

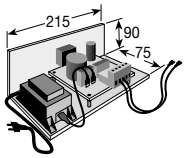
Export Product-list
January 2024

TECNODIMENSIONE®

POWER UNITS WITH BUILT-IN BATTERY CHARGER

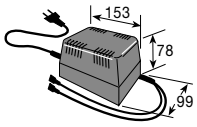
All the types are equipped with special protections:

- electronic protection in case of short circuit of one or more elements of the batteries
- circuitry fully protected by fast fuses
- with "sealed type" safety transformer
- inside of the sealed transformer is built-in autoresettable "thermal protection device" at 110 °C threshol switching (to provide the complete switch-off of the transformer from the mains, with automatic switch-on when normal situation is restored)
- complete with 1,5mt long cable with europlug for 230Vac/50÷60Hz mains.

		Ordering information		Q.ty
		MODELS		N°
MINI-POWERBLOCK "open" execution (without housing) 	**STABILIZED RECTIFIER UNITS WITH BATTERY CHARGER** "Open" execution (without housing) with transformer compacted on "L shape" dissipation plate			
	Battery charger-stabilized rectified unit 12Vdc/2,7A total charge. Complete with "sealed type" safety transformer equipped with buil-in autoresettable "thermal protection device at 110 °C threshold switching. With 1,5 mt cable equipped with europlug for 230Vac/50÷60 Hz mains. Output cable for 12Vdc equipped with "faston" terminals.	**S034770G**		
	Battery charger-stabilized rectified unit 24Vdc/1,5A total charge. Complete with "sealed type" safety transformer equipped with buil-in autoresettable "thermal protection device at 110 °C threshold switching. With 1,5 mt cable equipped with europlug for 230Vac/50÷60 Hz mains. Output cable for 24Vdc equipped with "faston" terminals.	**S034771G**		
	NOTE: The published prices do not include the batteries. Must be used specific rechargeable batteries "lead sealed type" (typical type for alarm systems).			

STABILIZED POWER UNITS (without battery charger)

- Fitted with a PTC protection device against short-circuits.

MICRO-POWERBLOCK 	Housed into a black plastic compact box for wall mounting (or desktop). Complete with 1,5 mt cable equipped with euro plug for 230Vac/50÷60 Hz. Output cable for 12Vdc equipped with "faston" terminals.			
	Stabilized power supply unit with PTC protection. For 230Vac/50÷60 Hz mains - output 12Vdc/1,2Amp.	**034779B21**		

Another important production sector of Tecnodimensione company is the CLEAN ROOM Division

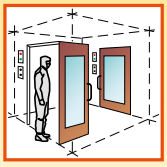
(devices and systems for the management of clean room doors)

PHARMATRONIX

microprocessor-based

PROFESSIONAL TECNODIMENSIONE CONTROL UNIT is the brains behind the management of clean room doors

Control unit for interlocks of 2 doors...



...and in "cascade" of multiple interlocks of 4, 6, 8, 12... doors, wiyhout limitations

Click & GO ZEROTIME®

Ultra-slim and super-compact devices in a unified & convertibe format

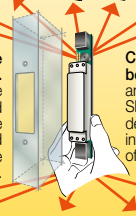
SLIM & MODULAR

Click & GO ZEROTIME®

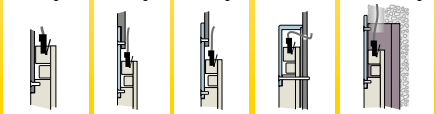
Stop/go display | Stop/go sensorized display | Push-button unit | Push-button with "mushroom" | Intercom unit | Keypad | Badge reader

Unified module because... All devices are interchangeable and housed in the same unified chasing of the previous lock.

Convertible because... any unified SLIM & MODULAR devices is convertible into 5 different types of mounting.



1 for recess mounting | 2 aligned at milling | 3 for flush mounting | 4 at surface | 5 recessed wall-mounting



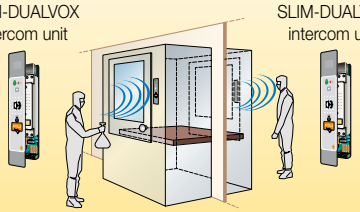
VOXTRONIX

Two-way intercom system for passbox and clean rooms

VOXTRONIX interface control unit

SLIM-DUALVOX intercom unit

SLIM-DUALVOX intercom unit



cabling systems for immediateinstallation with technology

Click & GO ZEROTIME®

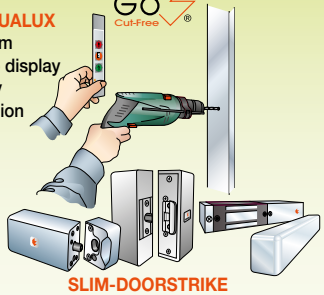
innovation news Tecnodimensione

Click & GO ZEROTIME®

for Doors management and Professional electrical locks with tecology

DRILL & GO Cut-Free®

FLAT-DUALUX ultra-slim stop/go display for easy installation



SLIM-DOORSTRIKE

MICROREDLOCK **SLIM-MINISENTRYLOCK**

Electrical locks for easy installation surface mount in CLEAN-COVER housing

CLEAN ROOM

Click & GO ZEROTIME®

(for immediate installation)

Export Price-list is at your disposal by request

CLEAN ROOM

flexicon MULTIFUNCTIONAL INPUTS/OUTPUTS

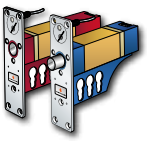
(for conventional wiring)

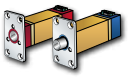
Export Price-list is at your disposal by request

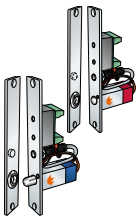
TECNODIMENSIONE®

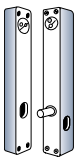
Tel. and fax: (+39) 02 9511 492 - info@tecnodimensione.com

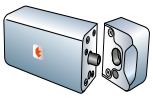
Reminders & notes for orders:

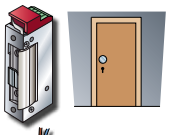


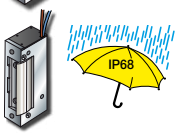


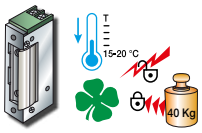


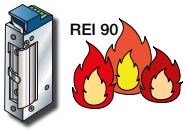


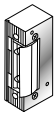


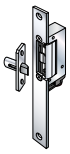


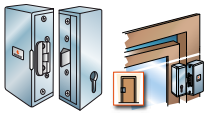

IP68


15÷20 °C
40 Kg


REI 90







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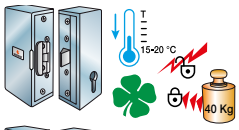
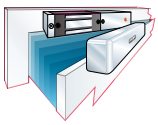
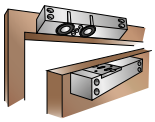
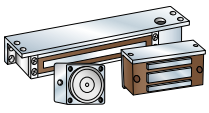
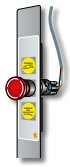

15÷20 °C
40 Kg

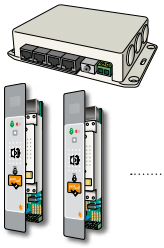
REI 90











AGF advertising milano

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security with style

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