

Export Product-list

SECURITY & SAFETY

Electronic security systems and equipment



**PROFESSIONAL
ELECTRICAL LOCKS**



**DOOR MANAGEMENT
SYSTEMS**



**ACCESS CONTROL
SYSTEMS**



products of excellence only



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



TECNODIMENSIONE
security with style



*PROFESSIONAL
ELECTRICAL LOCKS*

*DOOR MANAGEMENT
SYSTEMS*

*ACCESS CONTROL
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security with style

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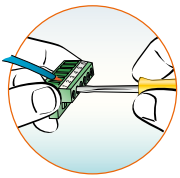
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All TECNODIMENSIONE devices are also available
 in “FLEXICON” technology to interface
 with any control unit such as PLC, microprocessor boards
 or conventional electronic boards even for pre-existent systems



TECNODIMENSIONE
 security with style



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 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.





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)

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)

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



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 concorsuali 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

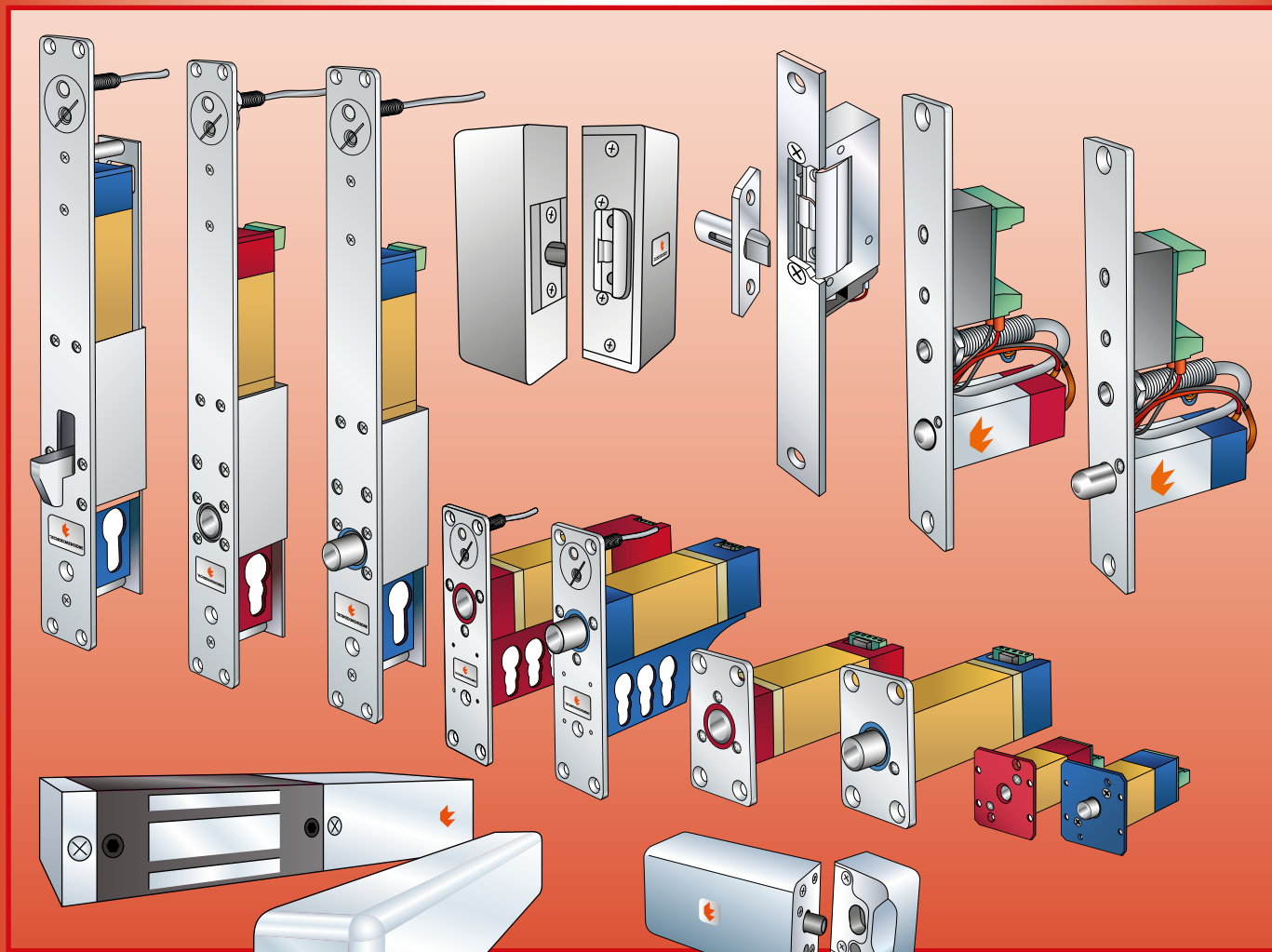


- 1) **MOUNTING:** the models are basically prepared to be mounted with the bolt running on horizontal axis. For vertical mounting (downwards or upwards striking), the specific model has to be required.
- 2) **OPERATING POWER "DIRECT CURRENT":** use strictly the voltage value rated on product tag: 12Vdc or 24Vdc (according with the model) with tolerance $\pm 10\%$ (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 tolerance between the door and doorpost (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 injury 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.



PROFESSIONAL ELECTRICAL LOCKS



MULTIPURPOSE ELECTRICAL DROP BOLTS

Maxilock, Medilock, Vertilock & Ramlock

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information



Q.ty

MODELS

N°

TECHNICAL CHARACTERISTICS	HEAVY DUTY LOCKING BOLT	UNIVERSAL OPERATING VOLTAGE	CURRENT DRAW	MULTIPURPOSE BACKSET	BOLT STATUS SENSOR	REGOPLUS® SENSOR	R = Reversible D = Right hand (DIN links) S = Left hand (DIN rechts)	BLUELOCK® SERIES	REDLOCK® SERIES	Ordering information	Q.ty
Models for recessed mounting. Each electrical drop bolt comes with its own counterflange. For surface mounting are available the pertinent BLINDOBOX housing (see page 15).	solid AISI 316 stainless steel	Vdc	mA	with different key-holes convertible for handle mm	● SPDT dry contact 1A	1 Reed contact SPDT 1A		(fail-secure) = normally closed	(fail-safe) = normally open	MODELS	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 stroke 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 	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 chromium-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 "G" 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" adaptor).								S00908GT2 (kit PC + CT)		

Note: the published products do **not include** key-cylinders, handles, and any adapter, installing ancillary. The standard locking counter-plate is included, but special "2 slide-guide" 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 2018



Ordering information



Q.ty

MODELS

N°

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 BLINDBOX housing (see page 15).	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	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 rechts)	BLUELOCK® SERIES (fail-secure) V = normally closed REDLOCK® SERIES (fail-safe) = normally open	0071C2R3UT 0073C2R3UT			
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			
MEDILOCK 	ROUND BOLT Ø 15 mm corsa 14 mm	12/24V 12/24V	900/500 900/500	30/50 30/50	● ●	● ●	● ●	R R	MEDI-BLUELOCK MEDI-REDLOCK	0081C2R3UT 0083C2R3UT			
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			
VERTILOCK version “K” with anti-retraction bolt 	ROUND BOLT Ø 15 mm stroke 15 mm	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.											
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 CT plastic triangular keys for emergency unlocking (if the electrical drop bolts are fitted with the optional “G” and/or “SMP” adaptor}.										S00908GT2 (kit PC + CT)		

Note: the published products do **not include** key-cylinders, handles, and any adapter, installing ancillary. The standard locking counter-plate is included, but special “2 slide-guide” counter-plates for swing doors should be purchased separately.

MULTIPURPOSE ELECTRICAL DROP BOLTS

Minilock & Microlock

Export Product-list

January 2018



TECHNICAL CHARACTERISTICS	HEAVY DUTY LOCKING BOLT	UNIVERSAL OPERATING VOLTAGE	CURRENT DRAW	BOLT STATUS SENSOR	REGOPLUS® DOOR STATUS SENSOR	F	FZ	L	R	D	S	BLUELOCK® SERIES	REDLOCK® SERIES	Ordering information	Q.ty	
Models for recessed mounting. Each solenoid bolt comes with its own counterflange. For surface mounting are available the pertinent BLINDOBOX housing (see page 15).	solid AISI 316 stainless steel Microlock (steel or AISI 303 s. s.)	Vdc	mA	● 1 SPDT dry contact 1A ○ 1 SPDT dry contact 0,5A	● Timed opening (1÷20 sec) ● Control of bolt exit ● Interlink (for interlock)	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 recths)			BLUELOCK® SERIES (fail-secure) = normally closed REDLOCK® SERIES (fail-safe) = normally open		↓ Ordering information		
														↓ MODELS	N°	
MINILOCK Type F Ø 15mm stroke 14mm Type L Ø 15mm stroke 14mm Type FZ Ø 15mm stroke 14mm	ROUND BOLT	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	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 Type F Ø 8mm stroke 8mm Type L	ROUND BOLT	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 27 and page 30.																
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 a' - two-slides counter-plate as above but FZ version (20x60mm) including magnet for door status sensor b - two-slides strike block for Microlock "L" version for surface mounting (the strike block is aluminium anodized "silver colour" type).												0080502R 0080502RZ S00809V1RF			
"TRONIX" VERSION with smart micromodule																
MINILOCK with Regoplus® 	Round Bolt	12/24V	900/450	●	●	FZ		R				MINI-BLUELOCK	0081B2RFZUT			
			12/24V	900/450	●	●	FZ		R			MINI-REDLOCK	0083B2RFZUT			
	Slanted Bolt	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: the standard locking counter plate is always supplied with Minilock electrical drop bolts, but for Microlock electrical drop bolt. The electrical drop bolt Minilock and Microlock should be required equipped with additional rod (fitted axially in the rearbody) to provide mechanical release.

SURFACE MOUNTING BOX FOR ELECTRICAL BOLTS

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information



Q.ty

MODELS

N°

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 separately) to be assembled into the proper box for surface mounting.

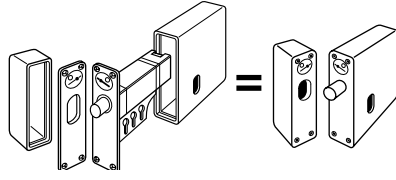
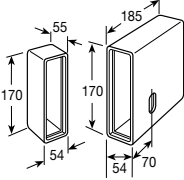
KEY-HOLE FOR PROFILE CYLINDER
mm

N = Aluminium "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

MAXI-BLINDOBOX

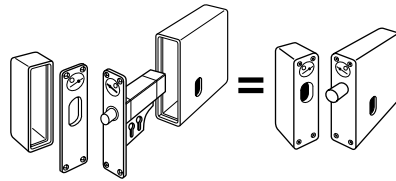
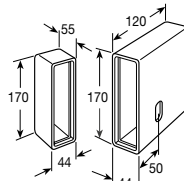


70	F	D/S	---
70	N	D/S	---

0079C2(D/S?)7F
0079C2(D/S?)7N

electrical bolt not included
(on request)
(on request)

MEDI-BLINDOBOX

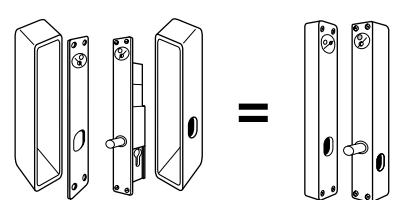
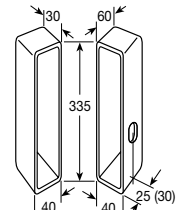


50	F	D/S	---
50	N	D/S	---

0089C2(D/S?)5F
0089C2(D/S?)5N

electrical bolt not included
(on request)
(on request)

VERTI-BLINDOBOX

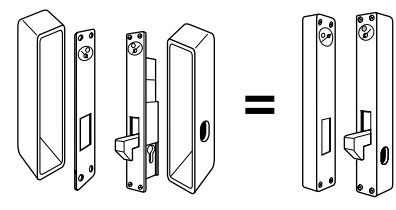
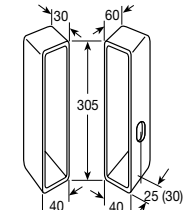


25/30	F	D/S	---
25/30	N	D/S	---

0099C2(D/S?)3UF
0099C2(D/S?)3UN

electrical bolt not included

RAM-BLINDOBOX

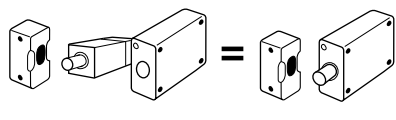
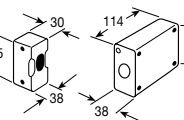


25/30	F	D/S	---
25/30	N	D/S	---

0099C2(D/S?)2F
0099C2(D/S?)2N

electrical bolt not included

MINI-BOX

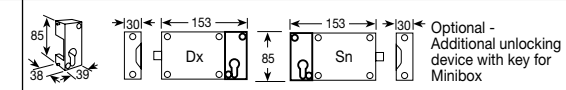


---	F	R	---
---	N	R	---
---	F	R	●
---	N	R	●

0089B1UF
0089B1UN
0089B1UFZ
0089B1UNZ

electrical bolt not included

For MINI-BOX

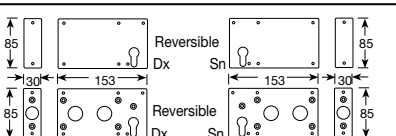


130	F	D/S?	---
130	N	D/S?	---

0089C1(D/S?)F
0089C1(D/S?)N

AUXILIARY ACCESSORIES

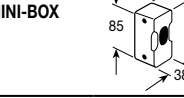
Designed to be used to fix the Minibox boxes on the rear and useful in the following cases:
1) Irregular door surface
2) To "weld" the Minibox box on an iron door
3) To reinforce the rear of the Minibox box on "open" gates



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

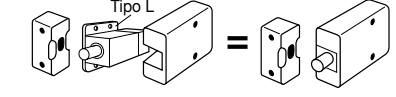
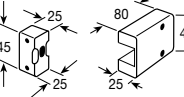


Block counter (external locking strike) for Minilock, without case

---	F	R	---
---	N	R	---

S0089B1RF
S0089B1RN

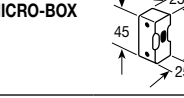
MICRO-BOX



---	F	R	---
---	N	R	---
---	F	R	●
---	N	R	●

00809A0UF
00809A0UN
00809A0UFZ
00809A0UNZ

Spare bolt for MICRO-BOX



Block counter (external locking strike) for Minilock, without case

---	F	R	---
---	N	R	---

S00809V1RF
S00809V1RN

Note: The published products are refer 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).

Series PRO - Professional electrical door strikes

Export Product-list

January 2018



TECNODIMENSIONE®

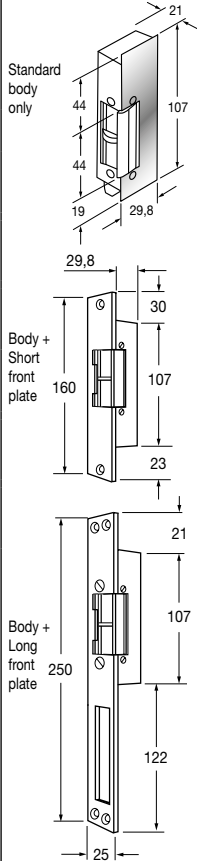
TECHNICAL SPECIFICATIONS

Recess-mounting models.

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

Ordering information		Q.ty
		N°
MODELS		

Series PRO

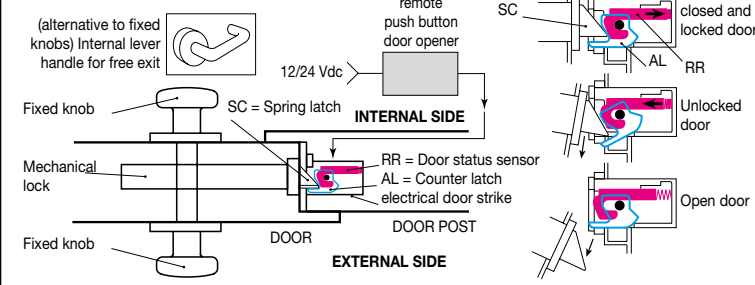


Series PRO professional electrical door strikes, with medium-high. Able to withstand pressures up to 700 kg (getting destroyed). Able to withstand pressures up to 500 kg without suffering damages.
Ideal to electrically and remotely control medium-heavy doors.

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

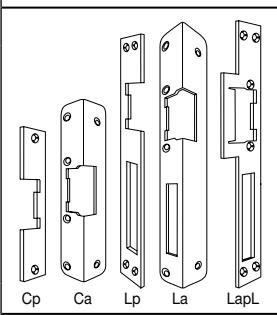
12V	200	●	●	---	---	---	---	●	---	Ra	PRO 1 RR	0146J02R5	Body only	Without front plate
24V	150	●	●	---	---	---	---	●	---	Ra	PRO 1 RR	0146J04R5		
12V	200	●	●	●	---	---	---	●	---	Ra	PRO 1 TD	0147J02R5	Body only	Without front plate
24V	150	●	●	●	---	---	---	●	---	Ra	PRO 1 TD	0147J04R5		
12V	200	●	---	---	---	---	---	●	---	Ra	PRO 1	0140J02R4	Body only	Without front plate
24V	150	●	---	---	---	---	---	●	---	Ra	PRO 1	0140J04R4		
12V	200	●	●	---	---	---	---	●	---	Ra	PRO 3 RR	0148J02R5	Body only	Without front plate
24V	150	●	●	---	---	---	---	●	---	Ra	PRO 3 RR	0148J04R5		
12V	200	●	●	●	---	---	---	●	---	Ra	PRO 3 TD	0149J02R5	Body only	Without front plate
24V	150	●	●	●	---	---	---	●	---	Ra	PRO 3 TD	0149J04R5		
12V	200	●	---	---	---	---	---	●	---	Ra	PRO 3	0144J02R4	Body only	Without front plate
24V	150	●	---	---	---	---	---	●	---	Ra	PRO 3	0144J04R4		

Electric doors strike/lock coupling



Mandatory ACCESSORIES

FRONT PLATES for the bodies of series PRO electrical door strikes

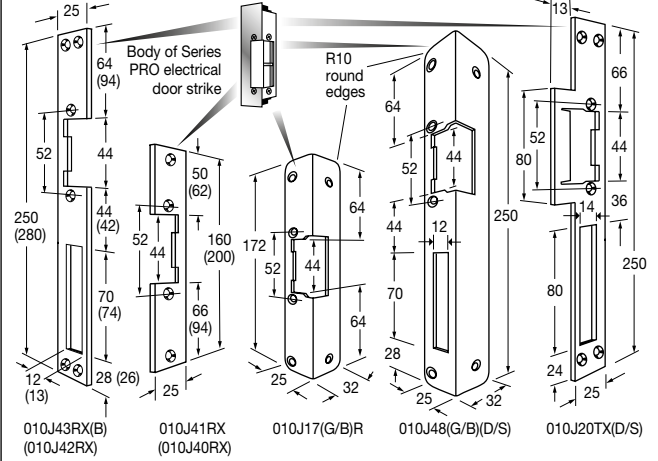


FORMAT	DIM. mm	PITCH	FIXING	MATERIAL	COLOUR
Lp= Long, flat plate	25x250	44	Reversible	Stainless steel	Satin finish
Lp= Long, flat plate	25x250	44	Reversible	Stainless steel	Brass finish, mirror
Lp= Long, flat plate	25x280	42	Reversible	Stainless steel	Satin finish
Cp= Long, flat plate	25x160	---	Reversible	Stainless steel	Satin finish
Cp= Long, flat plate	25x200	---	Reversible	Stainless steel	Satin finish
Ca= Short, angular	32x25x172	---	Reversible	Painted metal	B=gold
La= Long, angular	32x25x250	44	RHD/LHX ?	Painted metal	B=gold
La= Long, angular	32x25x250	44	RHD/LHX ?	Stainless steel	Satin finish
LapL= Long, flat, with lip	25/38x250	44	RHD/LHX ?	Stainless steel	Satin finish

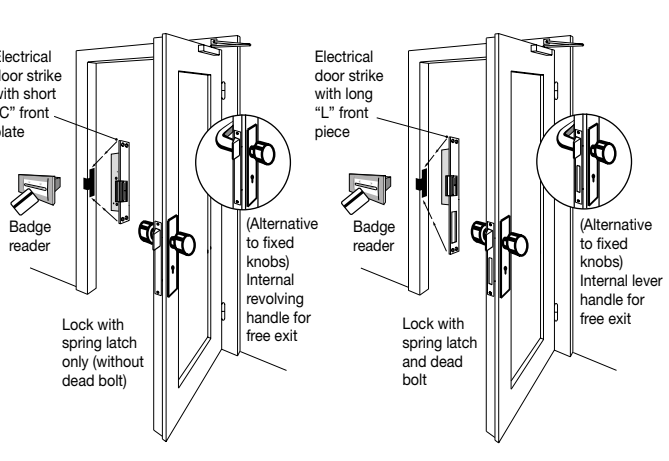
Front plate only	Without body
010J43RX	
010J43RXB	
010J42RX	
010J41RX	
010J40RX	
010J17BR	
010J48B(D/S)	
010J48X(D/S)	
010J20TX(D/S)	

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

High pressure resistance models for fire doors up to REI120

TECHNICAL SPECIFICATIONS

Recess-mounting models.

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

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information



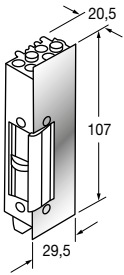
Q.ty

MODELS

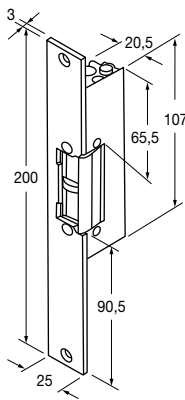
N°

FIRE PRO for fire doors

Standard body only



Body + front plate



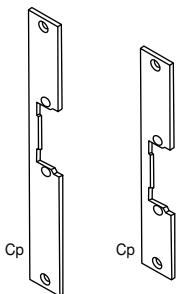
This advanced model of series PRO electrical door strikes is specifically designed for REI120 fire doors, that are designed to withstand fire for a maximum of 120 minutes, to provide a high pressure resistance a maximum up to of 1000 kg (10KNw).

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

12V	200	●	●	---	---	---	---	●	---	D	FIRE PRO 1 RR	0126J02D	Body only	Without front plate
12V	200	●	●	---	---	---	---	●	---	S	FIRE PRO 1 RR	0126J02S		
24V	150	●	●	---	---	---	---	●	---	D	FIRE PRO 1 RR	0126J04D	Body only	Without front plate
24V	150	●	●	---	---	---	---	●	---	S	FIRE PRO 1 RR	0126J04S		
12V	200	●	---	---	---	---	---	●	---	D	FIRE PRO 1	0120J02D	Body only	Without front plate
12V	200	●	---	---	---	---	---	●	---	S	FIRE PRO 1	0120J02S		
24V	150	●	---	---	---	---	---	●	---	D	FIRE PRO 1	0120J04D	Body only	Without front plate
24V	150	●	---	---	---	---	---	●	---	S	FIRE PRO 1	0120J04S		
12V	200	●	●	---	---	---	---	●	---	D	FIRE PRO 3 RR	0128J02D	Body only	Without front plate
12V	200	●	●	---	---	---	---	●	---	S	FIRE PRO 3 RR	0128J02S		
24V	150	●	●	---	---	---	---	●	---	D	FIRE PRO 3 RR	0128J04D	Body only	Without front plate
24V	150	●	●	---	---	---	---	●	---	S	FIRE PRO 3 RR	0128J04S		
12V	200	●	---	---	---	---	---	●	---	D	FIRE PRO 3	0124J02D	Body only	Without front plate
12V	200	●	---	---	---	---	---	●	---	S	FIRE PRO 3	0124J02S		
24V	150	●	---	---	---	---	---	●	---	D	FIRE PRO 3	0124J04D	Body only	Without front plate
24V	150	●	---	---	---	---	---	●	---	S	FIRE PRO 3	0124J04S		

Mandatory ACCESSORIES

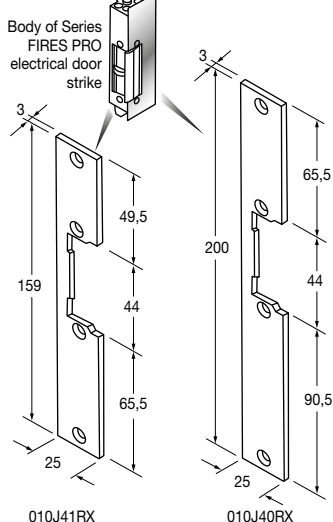
FRONT PLATES for the bodies of series FIRES PRO electrical door strikes



FORMAT	DIM. mm	PITCH mm	FIXING	MATERIAL	COLOUR		
Cp= Short, flat plate	25X200	---	Reversible	Stainless steel	Satin finish	Front plate only	Without body
Cp= Short, flat plate	25X160	---	Reversible	Stainless steel	Satin finish	010J40RX	
						010J41RX	

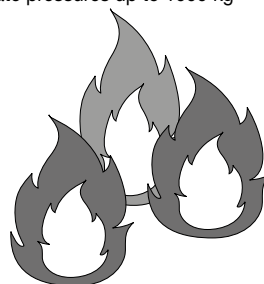
Note: the body of FIRE PRO electrical door strikes is compatible with all the front plate used for series PRO electrical door strikes.

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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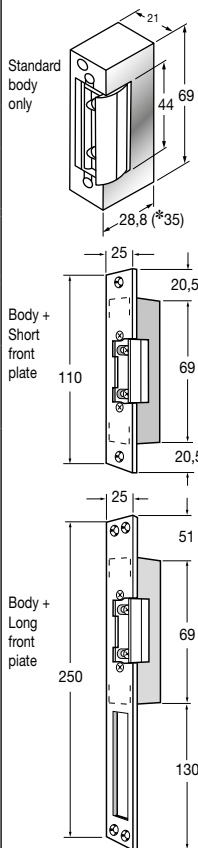


TECHNICAL SPECIFICATIONS
Recess-mounting models.

OPERATING VOLTAGE	CURRENT DRAW	COIL	DOOR STATUS SENSOR	COIL STATUS SENSOR	COUNTER LATCH	LEVER "L"	HOLD UP VERSION	FAIL-SECURE	FAIL-SAFE	REVERSIBILITY	STANDARD
Vdc	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	SERIES SIM

Ordering information		Q.ty
		N°
MODELS		

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.

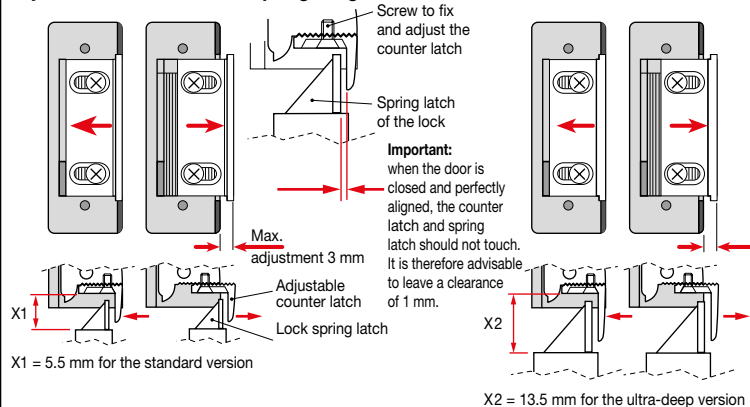
BODIES OF ELECTRIC DOOR STRIKES WITHOUT FRONT PLATES PLATES (see Front plates below)

12V	200	●	---	---	●	---	---	---	---	Rs	SIM 1
24V	150	●	---	---	●	---	---	●	---	Rs	SIM 1
12V	200	●	---	---	●	---	---	---	●	Rs	SIM 3
24V	150	●	---	---	●	---	---	●	---	Rs	SIM 3
8-12Vac	800	○	---	---	●	---	●	---	---	Rs	SIM 2
8-12Vac	800	○	---	---	●	●	●	---	---	Rs	SIM 2L

Body only	Without front plate
0130J12R	
0130J14R	
0134J12R	
0134J14R	
0132J15RA	
0133J15RA	

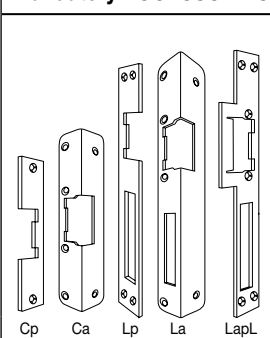
Note: for model SIM with an "ULTRA DEEP" adjustable counter latch (13.5 mm), use code J3 instead of J1. For model SIM with "HIGH DEEP" counter latch (5.5 mm), use code J2 instead of J1.

Adjustment of the counter spring wing



Mandatory ACCESSORIES

FRONT PLATES for the bodies of series SIM electrical door strikes

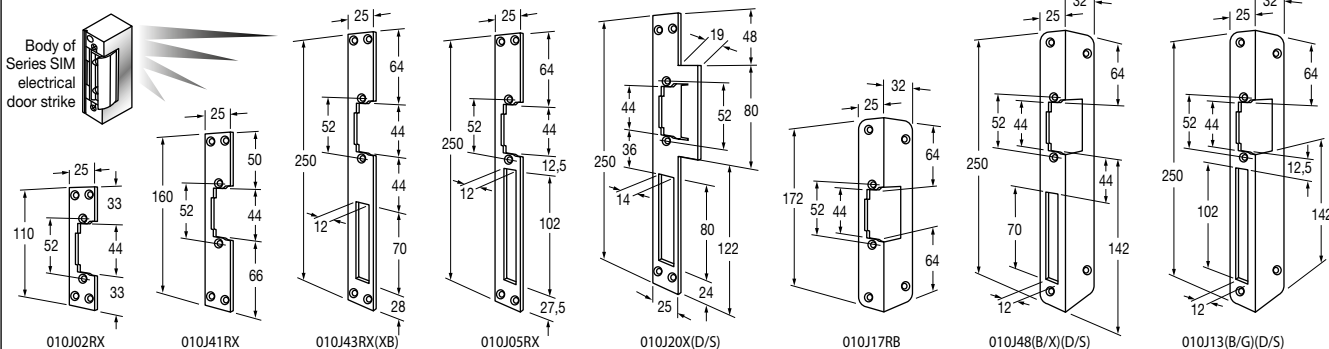


FORMAT	DIM. mm	PITCH	FIXING	MATERIAL	COLOUR
Cp= Short, flat plate	25x110	---	Reversible	Stainless steel	Satin finish
Cp= Short, flat plate	25x160	---	Reversible	Stainless steel	Satin finish
Lp= Long, flat plate	25x250	44	Reversible	Stainless steel	Satin finish
Lp= Long, flat plate	25x250	12,5	Reversible	Stainless steel	Brass finish, mirror
LapL= Long, flat, with lip	44x250	36	RHD/LHX ?	Stainless steel	Satin finish
Ca= Short, angular plates	25X32x172	---	Reversible	Painted steel	B=Gold
La= Long, angular plates	25X32x250	44	RHD/LHX ?	Painted steel	B=Gold
La= Long, angular plates	25X32x250	12,5	RHD/LHX ?	Stainless steel	Satin finish
La= Long, angular plates	25X32x250	12,5	RHD/LHX ?	Painted steel	B=Gold

Front plate only	Without body
010J02RX	
010J41RX	
010J43RX	
010J43RXB	
010J05RX	
010J20X(D/S)	
010J17RB	
010J48B(B/D/S)*	
010J48X(D/S)	
010J13B(D/S)	

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

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



Series SIM PLUS - Mini-symmetrical electrical door strikes

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Ordering information



Q.ty

MODELS

N°

Series with a high pressure resistance

TECHNICAL SPECIFICATIONS

Recess-mounting models.
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

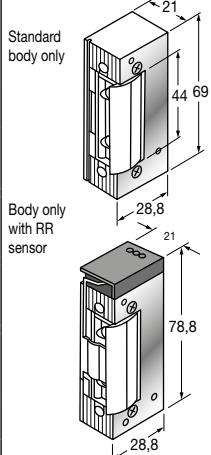
Rs = Reversible, symmetrical

D = DIN Left - S = DIN Right

R = Reversible, for surface

SERIES SIM PLUS

Series SIM PLUS with a high pressure resistance



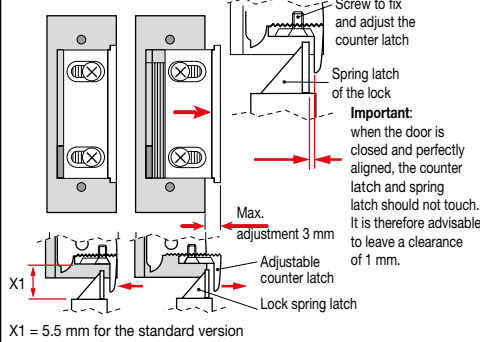
It is the advanced version of the conventional series SIM mini-symmetrical electrical door strike. Despite its ultra-small size, it offers the following two advantages:

- a) High pressure resistance up to 1000 kg (10 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 1000 kg).

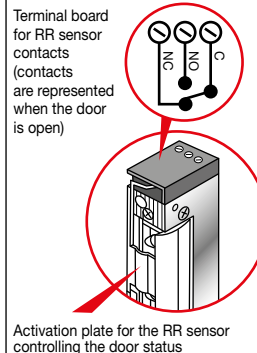
BODIES OF ELECTRIC DOOR STRIKES WITHOUT FRONT PLATES (see Front plates below)

Voltage	Current	Coil	RR	TD	Adjustable	Lever	Hold up	Fail-secure	Fail-safe	Reversible	Material	Model
12V	250	●	●	---	●	---	---	●	---	Ra	Stainless steel	SIM PLUS 1RR
24V	120	●	●	---	●	---	---	●	---	Ra	Stainless steel	SIM PLUS 1RR
12V	250	●	---	---	●	---	---	●	---	Rs	Stainless steel	SIM PLUS 1
24V	120	●	---	---	●	---	---	●	---	Rs	Stainless steel	SIM PLUS 1
12V	250	●	●	---	●	---	---	●	---	Ra	Stainless steel	SIM PLUS 3RR
24V	120	●	●	---	●	---	---	●	---	Ra	Stainless steel	SIM PLUS 3RR
12V	250	●	---	---	●	---	---	●	---	Rs	Stainless steel	SIM PLUS 3
24V	120	●	---	---	●	---	---	●	---	Rs	Stainless steel	SIM PLUS 3
5÷12Vcc	600	○	---	---	●	---	●	---	---	Rs	Stainless steel	SIM PLUS 2

Adjustment of the counter latch (for all models)

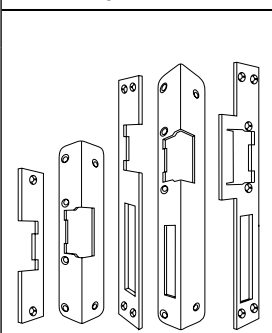


Model with RR sensor



Mandatory ACCESSORIES

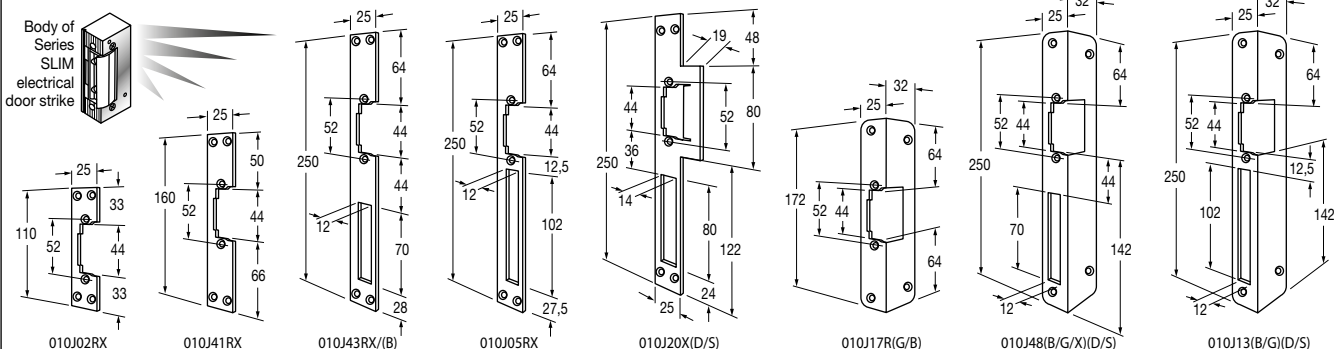
FRONT PLATES for the bodies of series SIM PLUS electrical door strikes



FORMAT	DIM. mm	PITCH	FIXING	MATERIAL	COLOUR
Cp= Short, flat plate	25x110	---	Reversible	Stainless steel	Satin finish
Cp= Short, flat plate	25x160	---	Reversible	Stainless steel	Satin finish
Lp= Long, flat plate	25x250	44	Reversible	Stainless steel	Satin finish
Lp= Long, flat plate	25x250	44	Reversible	Stainless steel	Satin finish
Lp= Long, flat plate	25x250	12,5	Reversible	Stainless steel	otonato lucido
LapL= Long, flat, with lip	44x250	36	Reversible	Stainless steel	Satin finish
Ca= Short, angular plates	25X32x172	---	Reversible	Brass finish, mirror	G=grey/B=gold ?
La= Long, angular plates	25X32x250	44	RHD/LHX ?	Brass finish, mirror	G=grey/B=gold ?
La= Long, angular plates	25X32x250	44	RHD/LHX ?	Stainless steel	Satin finish
La= Long, angular plates	25X32x250	12,5	RHD/LHX ?	Stainless steel	G=grey

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)



PROFESSIONAL ELECTRICAL LOCKS

Series SLIM - Ultra-slim electrical door strikes

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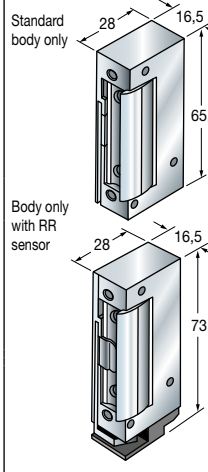


Ultra-slim, mini-symmetrical and ultra-compact TECHNICAL SPECIFICATIONS
Recess-mounting models.

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

Ordering information		Q.ty
MODELS		N°

SLIM ultra-slim



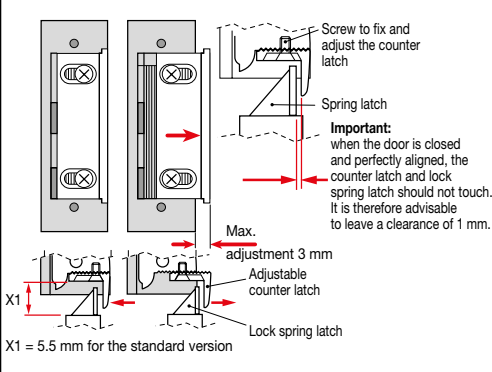
This innovative model concentrates in an an-ultra slim body the following advantages:
 a) Ultra-thin mini-symmetrical body measuring only 16.5 mm
 b) Mini-symmetrical body with a height of just 65.5 mm (standard type)
 c) Available also with RR sensor to control the door status (height 73 mm).
Ideal for door frames with small sections, like furniture, etc. and to provide electrical opening of "light" doors that are not designed to offer high locking pressure resistance but just to prevent unauthorised accesses in areas that do not require a high intrusion protection. Possibility of remotely controlling the door (see models with RR sensor).

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

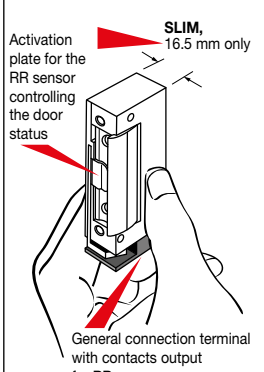
12V	280	●	●	---	●	---	---	●	---	Ra	SLIM 1 RR	0156J12R
24V	140	●	●	---	●	---	---	●	---	Ra	SLIM 1 RR	0156J14R
12V	280	●	---	---	●	---	---	●	---	Rs	SLIM 1	0150J12R
24V	140	●	---	---	●	---	---	●	---	Rs	SLIM 1	0150J14R
12V	280	●	●	---	●	---	---	●	---	Ra	SLIM 3 RR	0158J12R
24V	140	●	●	---	●	---	---	●	---	Ra	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 front plate	
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Adjustment of the counter latch

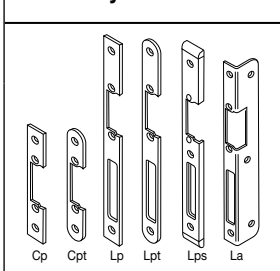


RR microswitch



Body only	Without front plate	
-----------	---------------------	--

Mandatory ACCESSORIES

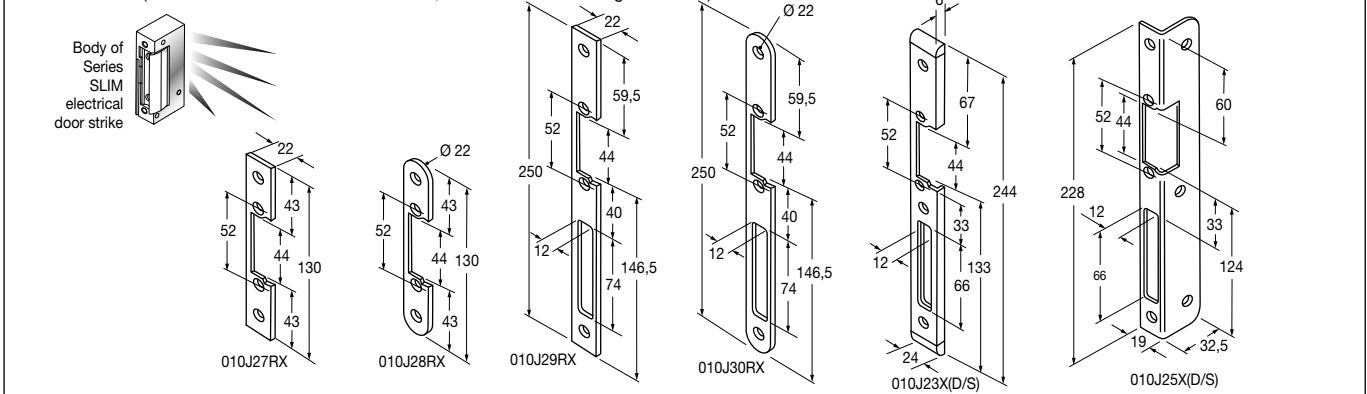


FRONT PLATES for the bodies of series SLIM electrical door strikes

FORMAT	DIM. mm	PITCH mm	FIXING	MATERIAL	COLOUR
Cp= Short, flat plate	22x130	---	Reversible	Stainless steel	Satin finish
Cpt= Short, flat plate, round	22x130	---	Reversible	Stainless steel	Satin finish
Lp= Long, flat plate	22x250	40	Reversible	Stainless steel	Satin finish
Lpt= Long, flat plate, round	22x250	40	Reversible	Stainless steel	Satin finish
Lps= With added thickness	24x244x6	33	RHD/LHX ?	Stainless steel	Satin finish
La= Long, angular plate	228x19x32,5	33	RHD/LHX ?	Stainless steel	Satin finish

Front plate only	Without body	
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FRONT PLATES (for the bodies of electrical door strikes, customisable according to the lock)



Series SLIM NO-CUT - electrical drop strikes with "spring latch guide"

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Extra-slim, mini-symmetric, ultra-compact series complete with spring latch guide

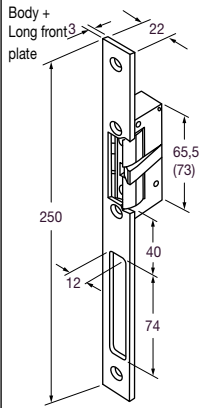
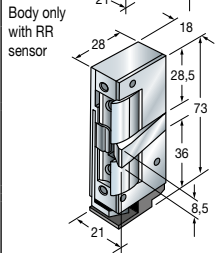
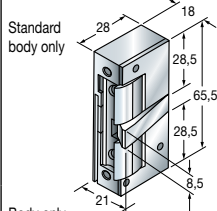
TECHNICAL SPECIFICATIONS

Recess-mounting models.

OPERATING VOLTAGE	Vdc	CURRENT DRAW	mA	100% ED HEAVY DUTY COIL	● = 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		SPRING LATCH GUIDE	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 SLIM
--------------------------	-----	---------------------	----	--------------------------------	--	--------------------------------	---------------------------	--------------------------------	---------------------------	---------------------------------	--	---------------------------	---	---	--	-------------------------------------	-------------------------------------	--	------------------------------------	--------------------

Ordering information		Q.ty
MODELS		N°

SLIM NO-CUT

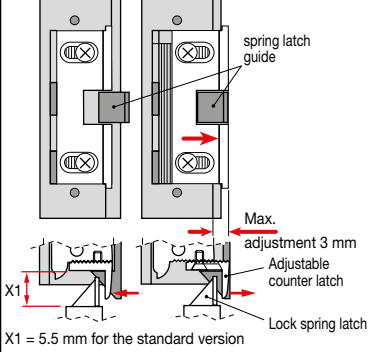


This innovative model concentrates in an an-ultra slim body the following advantages:
 a) thanks to the NO-CUT full spring latch guide lock (without cut)
 b) Mini-symmetrical body with a height of just 65.5 mm (standard type)
 c) Available also with RR sensor to control the door status (height 73 mm).
Ideal for door frames with small sections, like furniture, etc. and to provide electrical opening of "light" doors that are not designed to offer high locking pressure resistance but just to prevent unauthorised accesses in areas that do not require a high intrusion protection.
Possibility of remotely controlling the door (see models with RR sensor).

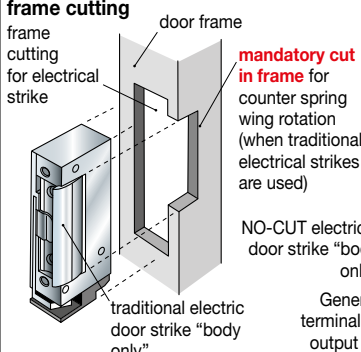
BODIES OF ELECTRIC DOOR STRIKES WITHOUT FRONT PLATES (see Front plates below)

12V	280	●	●	---	●	●	---	●	---	Ra	SLIM 1 RR	0156J12RNC	Without front plate
24V	140	●	●	---	●	●	---	●	---	Ra	SLIM 1 RR	0156J14RNC	
12V	280	●	---	---	●	●	---	●	---	Rs	SLIM 1	0150J12RNC	Without front plate
24V	140	●	---	---	●	●	---	●	---	Rs	SLIM 1	0150J14RNC	
12V	280	●	●	---	●	●	---	●	---	Ra	SLIM 3 RR	0158J12RNC	Without front plate
24V	140	●	●	---	●	●	---	●	---	Ra	SLIM 3 RR	0158J14RNC	
12V	280	●	---	---	●	●	---	●	---	Rs	SLIM 3	0154J12RNC	Without front plate
24V	140	●	---	---	●	●	---	●	---	Rs	SLIM 3	0154J14RNC	

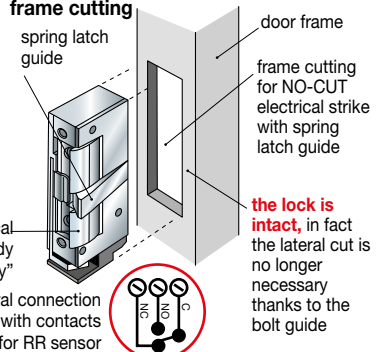
Adjustment of the counter latch



Conventional frame cutting

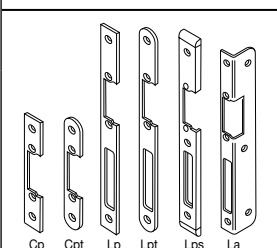


NO CUT simplified frame cutting



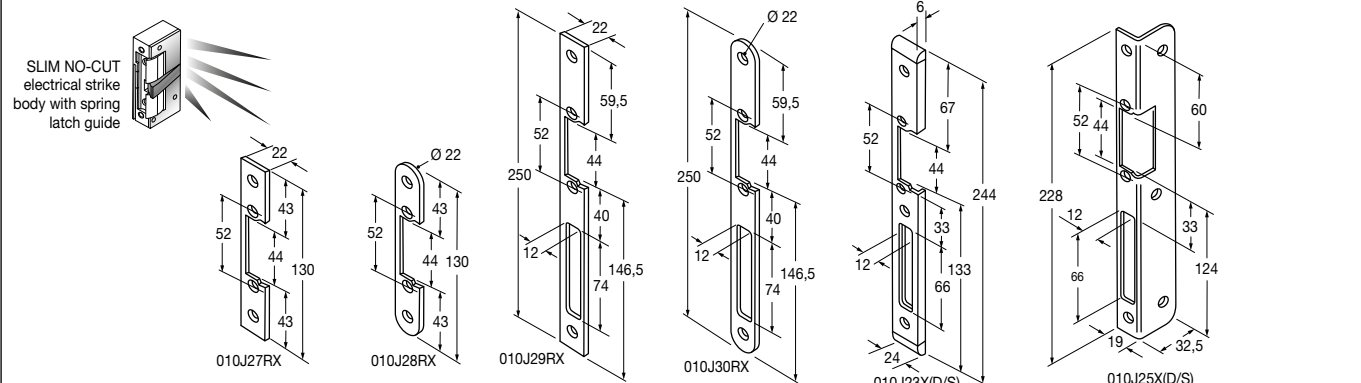
Mandatory ACCESSORIES

FRONT PLATES for the bodies of series SLIM electrical door strikes



FORMAT	DIM. mm	PITCH mm	FIXING	MATERIAL	COLOUR	Without front plate	Without body
Cp= Short, flat plate	22x130	---	Reversible	Stainless steel	Satin finish	010J27RX	Without body
Cpt= Short, flat plate, round	22x130	---	Reversible	Stainless steel	Satin finish	010J28RX	
Lp= Long, flat plate	22x250	40	Reversible	Stainless steel	Satin finish	010J29RX	
Lpt= Long, flat plate, round	22x250	40	Reversible	Stainless steel	Satin finish	010J30RX	
Lps= With added thickness	24x244x6	33	RHD/LHX ?	Stainless steel	Satin finish	010J23X(D/S)	
La= Long, angular plate	228x19x32,5	33	RHD/LHX ?	Stainless steel	Satin finish	010J25X(D/S)	

FRONTALI (da assemblare al corpo dell'incontro elettrico in base al serramento)



PROFESSIONAL ELECTRICAL LOCKS

Series ARCUS - Waterproof electrical door strikes

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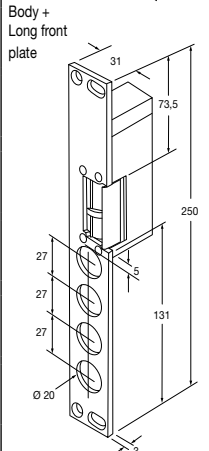
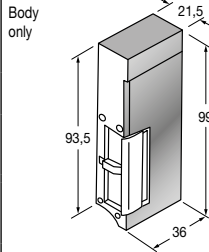
Waterproof models with curved body

TECHNICAL SPECIFICATIONS

Recess-mounting models.

OPERATING VOLTAGE	CURRENT DRAW	● = 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 ARCUS
Vdc	mA										

ARCUS WP, waterproof IP54



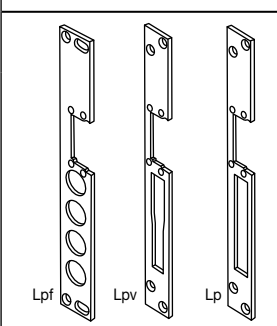
Ideal to electrically control the opening of armour-plated doors with mechanical locks and spring latch. They are fitted with several round drop bolts placed a "very short" distance from one another. Available also in waterproof version for applications that require a protection against dust and sprays. The complete version with RR sensor to control the door status is also available.

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

Voltage	Current	Coil	RR	TD	Adjustable	Lever	Hold Up	Fail-Secure	Fail-Safe	Reversible	Model	Code
12V	200	●	●	---	---	---	---	●	---	D	ARCUS WP 1 RR	0176J02D
12V	200	●	●	---	---	---	---	●	---	S	ARCUS WP 1 RR	0176J02S
24V	100	●	●	---	---	---	---	●	---	D	ARCUS WP 1 RR	0176J04D
24V	100	●	●	---	---	---	---	●	---	S	ARCUS WP 1 RR	0176J04S
12V	200	●	---	---	---	---	---	●	---	D	ARCUS WP 1	0170J02D
12V	200	●	---	---	---	---	---	●	---	S	ARCUS WP 1	0170J02S
24V	100	●	---	---	---	---	---	●	---	D	ARCUS WP 3	0170J04D
24V	100	●	---	---	---	---	---	●	---	S	ARCUS WP 3	0170J04S
12V	200	●	●	---	---	---	---	●	---	D	ARCUS WP 3RR	0178J02D
12V	200	●	●	---	---	---	---	●	---	S	ARCUS WP 3RR	0178J02S
24V	100	●	●	---	---	---	---	●	---	D	ARCUS WP 3RR	0178J04D
24V	100	●	●	---	---	---	---	●	---	S	ARCUS WP 3RR	0178J04S
12V	200	●	---	---	---	---	---	●	---	D	ARCUS WP 3	0174J02D
12V	200	●	---	---	---	---	---	●	---	S	ARCUS WP 3	0174J02S
24V	100	●	---	---	---	---	---	●	---	D	ARCUS WP 3	0174J04D
24V	100	●	---	---	---	---	---	●	---	S	ARCUS WP 3	0174J04S

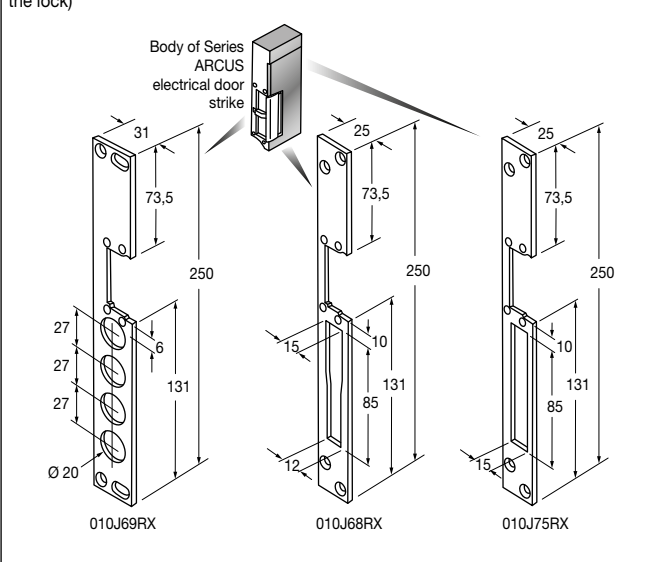
Mandatory ACCESSORIES

FRONT PLATES for the bodies of series ARCUS electrical door strikes

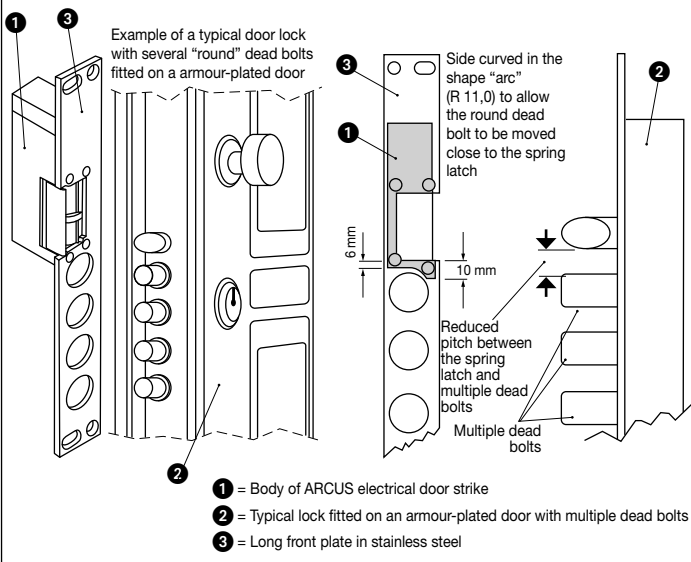


FORMAT	DIMENSIONS mm	PITCH mm	FIXING	MATERIAL	COLOUR
Lpf= Long plate, 4 Ø 20 holes	31X250	6	Reversible	Stainless steel	Satin finish
Lpv= Long plate, with "V" opening	25X250	10	Reversible	Stainless steel	Satin finish
Lp= Long plate, standard	25X250	10	Reversible	Stainless steel	Satin finish

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



EXAMPLES OF APPLICATIONS



Series PA - Electrical door strikes for panic bars

Export Product-list
January 2018



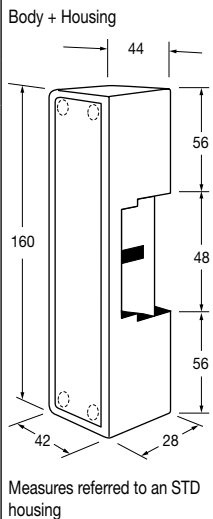
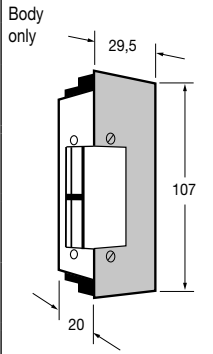
TECHNICAL SPECIFICATIONS
Models for external panic bars with "curved" spring latch (half-moon shape) and external mechanism

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

Ordering information		Q.ty
MODELS		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.).

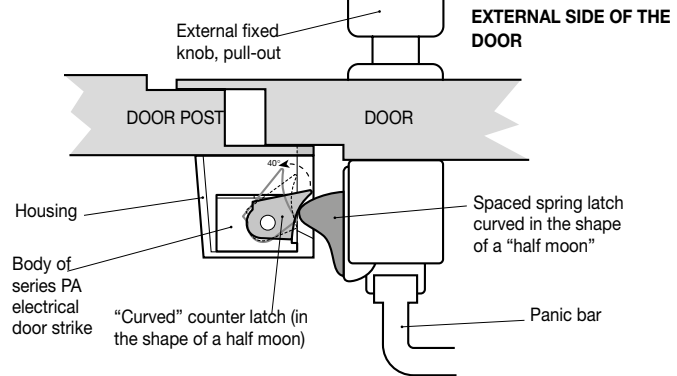


BODIES OF ELECTRIC DOOR STRIKES WITHOUT HOUSINGS (see housings below)

12V	200	●	●	---	---	---	---	---	●	---	R	PA1 RR	0146J02R7M		
24V	150	●	●	---	---	---	---	---	●	---	R	PA1 RR	0146J04R7M		
12V	200	●	●	●	---	---	---	---	●	---	R	PA1 TD	0147J02R7M		
24V	150	●	●	●	---	---	---	---	●	---	R	PA1 TD	0147J04R7M		
12Vcc	200	●	---	---	---	---	---	---	●	---	R	PA1	0140J02R6		
24Vcc	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		

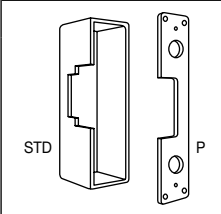
Body only	Without front housing	
0146J02R7M		
0146J04R7M		
0147J02R7M		
0147J04R7M		
0140J02R6		
0140J04R6		
0148J02R7M		
0148J04R7M		
0149J02R7M		
0149J04R7M		
0144J02R6		
0144J04R6		
0142J02R6A		

PA electrical door strike fitted on a panic bar



Mandatory ACCESSORIES

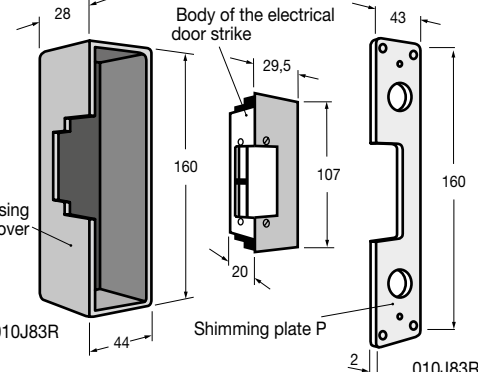
HOUSINGS for the bodies of series PA electrical door strikes



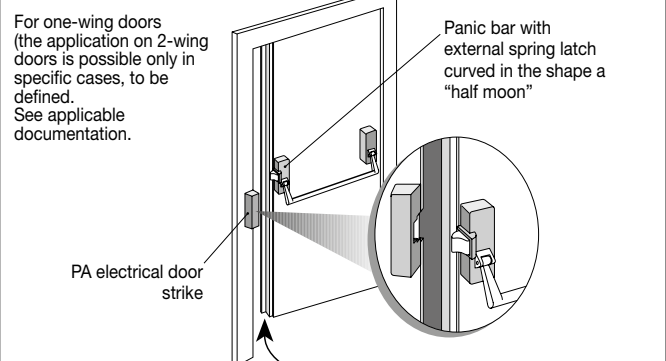
TYPE	SERIES	DESCRIPTION
PA	JPAPA83/28	STD housing for surface-mounting, reversible, (44x28x160mm) black. Plate P - 2 mm for the shimming of the housing.
PA	PACC83	

Housing only	Without body
010J83R	
010J83R2	

Assembly kit



EXAMPLES OF APPLICATIONS



PROFESSIONAL ELECTRICAL LOCKS

MINI SPRING-BOLT FOR LIGHT DOOR

Professional multipurpose version

Ideal for small section frame of door with electrical door strike

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January 2018



TECNODIMENSIONE®

Ordering information



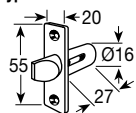
Q.ty

MODELS

N°

MINI SPRING LATCH FOR SMALL DOOR

Type F



Universal recess-mounting mini spring latch

Stainless steel slanted spring bolt adjustable on all "4 cardinal points". Fitting for manual release (with additional spring return rod). Housing F with recess-mounting flange in anodised machined aluminium and "silver" finish.

R

F

004910

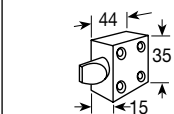
Universal surface-mounting mini spring latch

Stainless steel slanted spring bolt adjustable on all "4 cardinal points". Fitting for manual release (with additional spring return rod). Housing L for surface-mounting in anodised machined aluminium and "silver" finish.

R

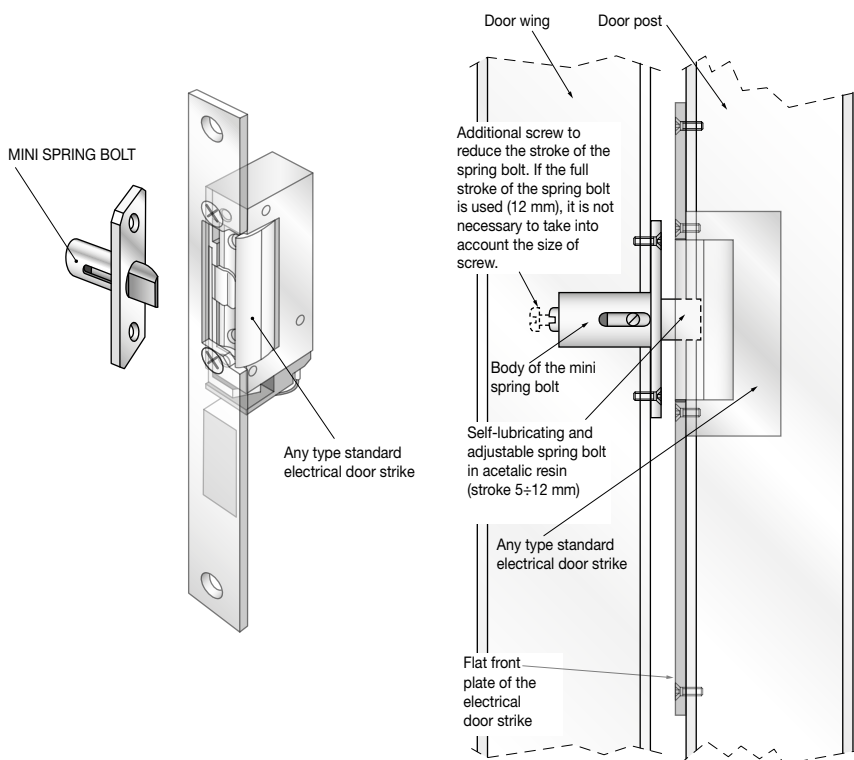
L

004912



Type L

MINI SPRINGBOLT - EXAMPLE OF RECESS-MOUNTING ON THE DOOR FRAME



UNIVERSAL HOLDING ELECTROMAGNETS

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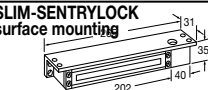
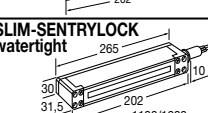
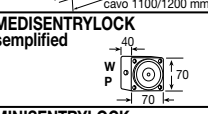

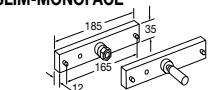
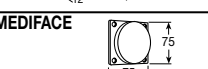
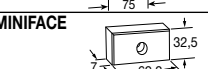
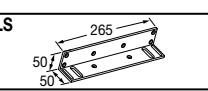

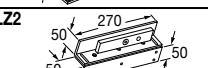
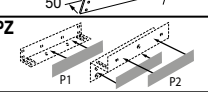
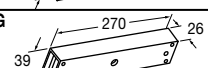

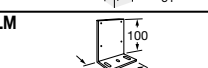
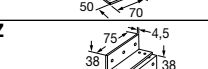
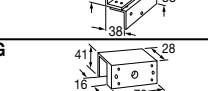
Ordering information



Q.ty

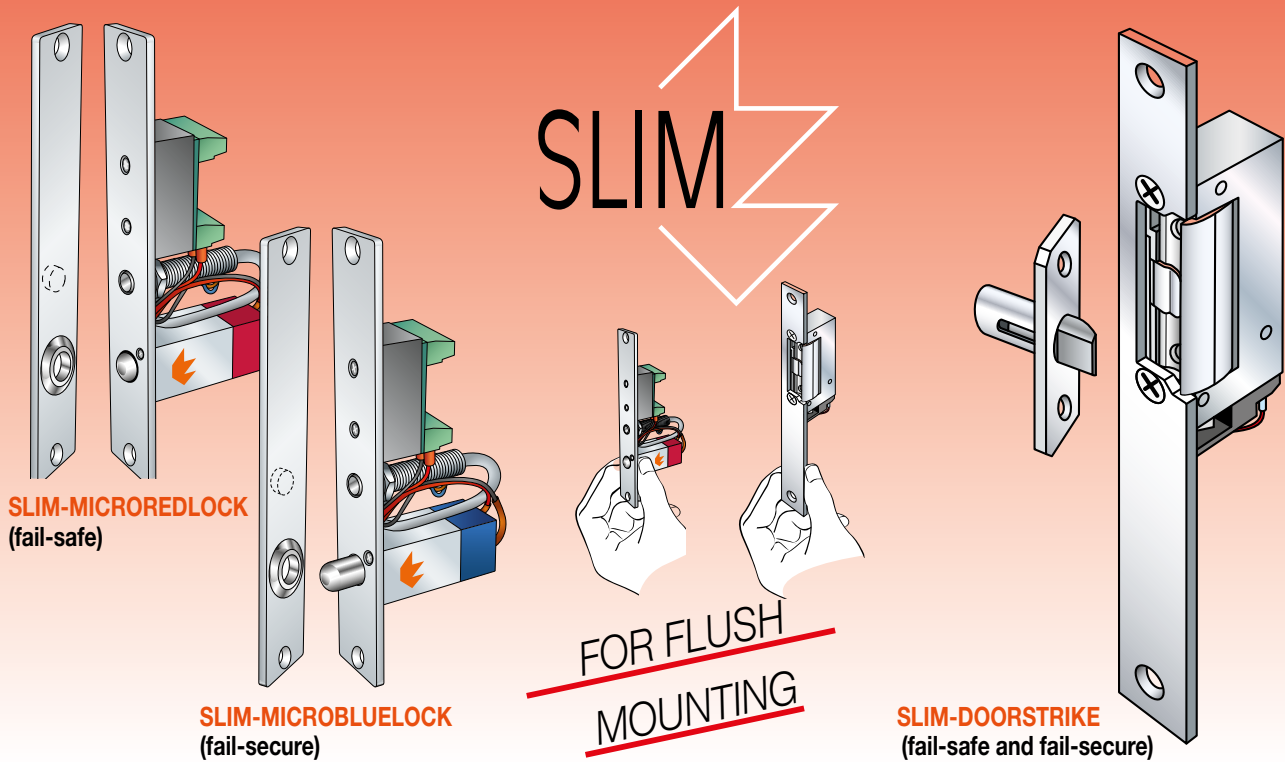
MODELS

N°

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	UNIVERSAL OPERATING VOLTAGE or P version, define 12 or 24V	CURRENT DRAW mA	ELECTRONIC MONITORING			W = PGT cable gland in tin I = Flush mounting S = Surface mounting	MODELS	strike plate not included	Q.ty N°
					MAGNETIC BOND SENSOR to control holding force	V = Green led R = Red led	BUILT-IN RELAY 1 SPDT contact - 1A/30V in changeover				
SLIM-SENTRYLOCK for front mounting 	X	300/3000	12/24V	500/250	●	---	●	I	002075B33I	strike plate not included	
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 simplified 	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/waterproof 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 products 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.

Ultraslim and supercompact MICROLOCK electrical drop bolts and electrical door strikes DOORSTRIKE



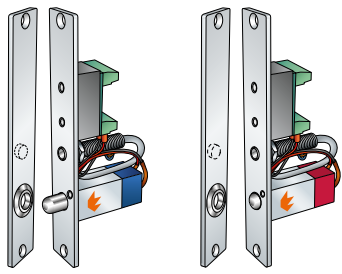
SLIM-MICROBLUELOCK (fail-secure) and **SLIM-MICROREDLOCK** (fail-safe)

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!**

SLIM-DOORSTRIKE (fail-safe and fail-secure)

Supplied with a sensor that controls the door status (open/closed) and the penetration of the spring bolt (also adjustable) during closing, and with a counter latch that can be adjusted to obtain a perfect compensation and alignment of the wing...
... it's **REGOSTRIKE!**





(fail-secure) (fail-safe)

PROFESSIONAL ELECTRICAL DROP BOLTS SLIM-MICROLOCK

With screw-type terminal box for conventional applications

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January 2018

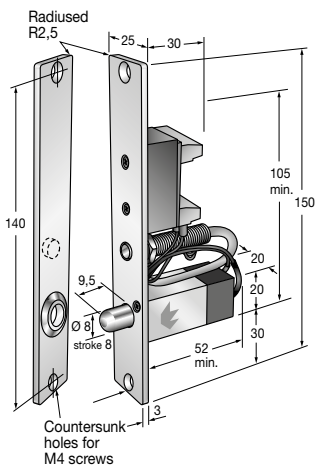


TECNODIMENSIONE®

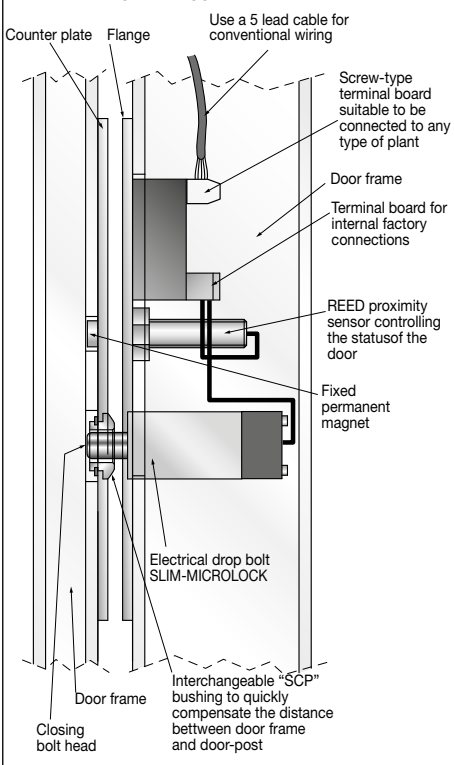
Micro electrical drop bolt for recess mounting with flange and counterflange in anodised aluminium with "silver" finish. Ideal for compact door frames.

Ordering information 		Q.ty N°
MODELS		

SLIM-MICROLOCK
For recess mounting



EXAMPLE OF RECESS-MOUNTING ON THE DOOR FRAME



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).

00803A2FZM

- 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.

SLIM-MICROREDLOCK fail-safe version (anti panic).

00803A2FZM

Micro-electrical drop bolt for panel flush fitting same as above but.

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.

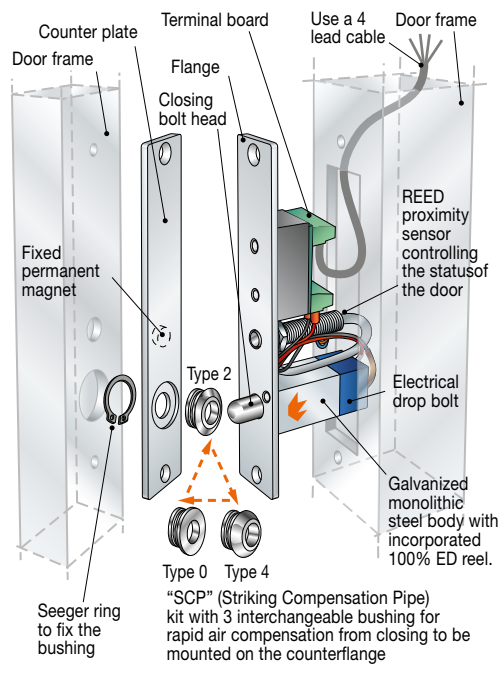
00803A4FZM

SLIM-MICROREDLOCK same as above but fail-safe version (anti panic). Micro-electrical drop bolt for recess mounting

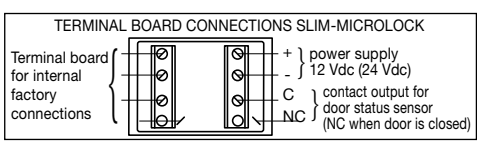
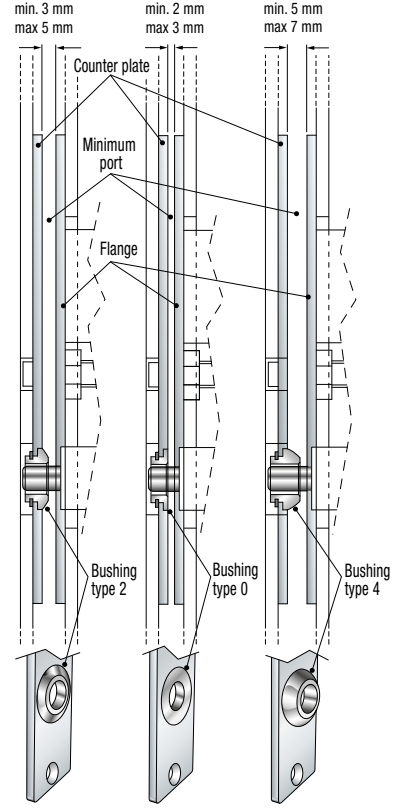
00803A4FZM

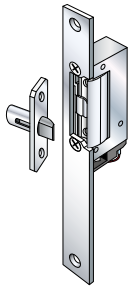
*Note: 1) The special "SCP" compensation kit is supplied as standard and with 3 interchangeable bushings (choose the most suitable one, as shown in the figure on the side) enables to compensate the port and precisely adjust it. It is in fact important to verify that at least 4/5 of the length of the 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



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





PROFESSIONAL ELECTRICAL DOOR STRIKES

SLIM-DOORSTRIKE

With screw-type terminal box for conventional applications

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TECNODIMENSIONE®

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

Ordering information



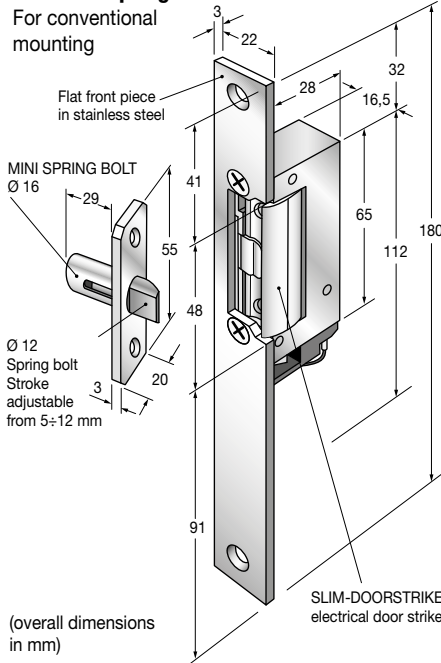
Q.ty

MODELS

N°

SLIM-DOORSTRIKE with mini spring bolt

For conventional mounting



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.

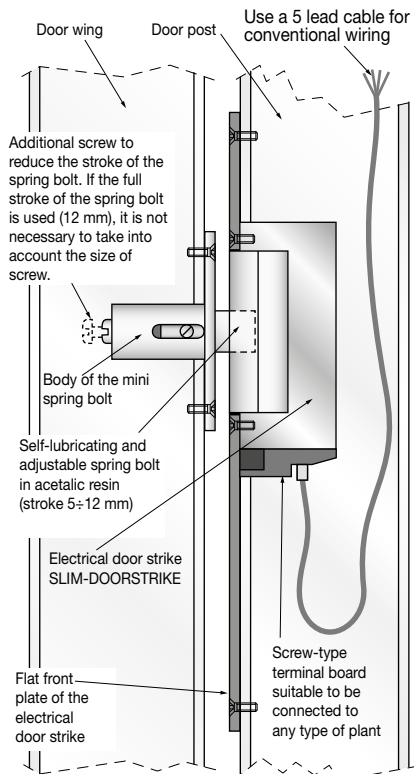
0158J14RM

Accessory (optional)

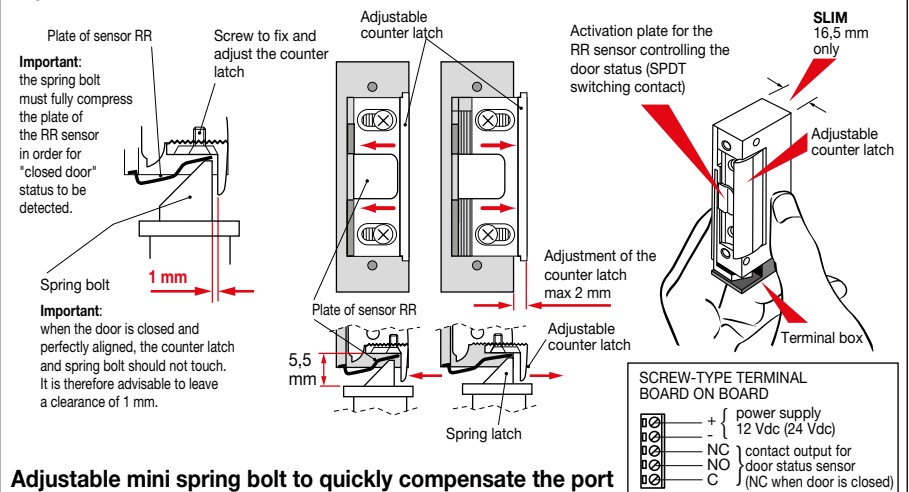
Mini spring bolt for recess-mounting with adjustable spring bolt.
Body with recess-mounting flange in anodised machined aluminium with a "silver" finish.
Self-lubricating spring bolt in acetalic resin with stroke adjustable from 5 to 12 mm.

004910K

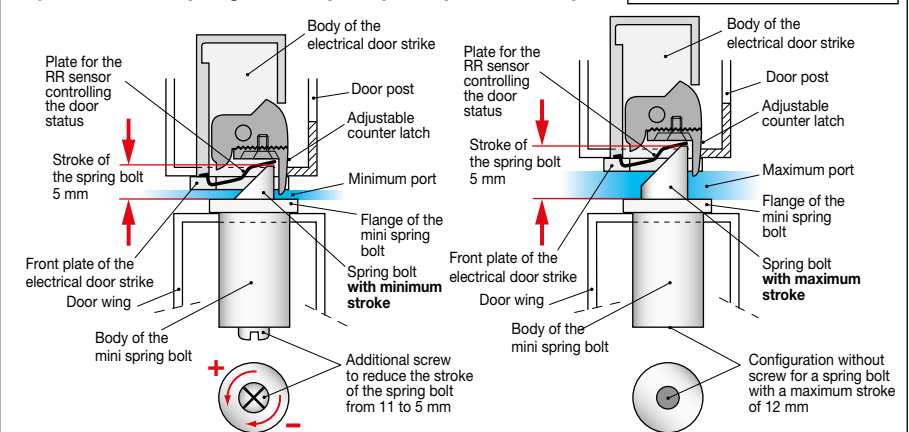
EXAMPLE OF RECESS-MOUNTING ON THE DOOR FRAME



Electrical SLIM-DOORSTRIKE with RR sensor to control the door status and adjustable counter latch



Adjustable mini spring bolt to quickly compensate the port

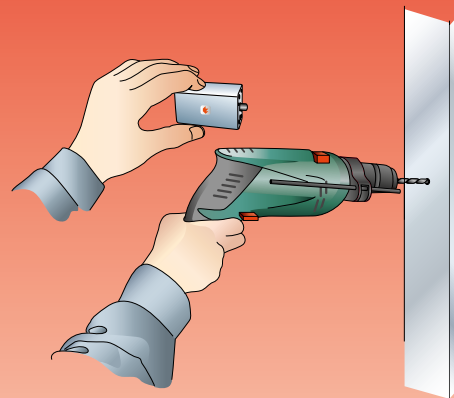


Electrical drop bolts, electrical door strikes and electromagnets in "CLEAN COVER" case made by solid block of anodised aluminium.

No cutting the frame
no work on internal frame
grain!

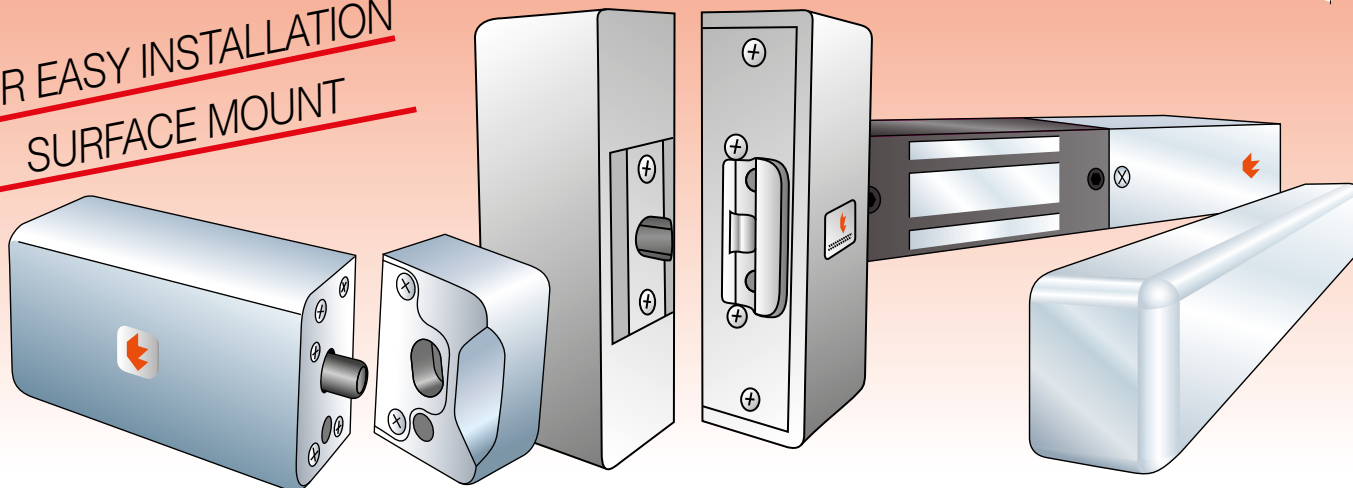
Only a portable drill is needed
to easily install **DRILL&GO**
devices on any frame.

**DRILL&
GO**
Cut-Free®



PROFESSIONAL ELECTRICAL LOCKS

**FOR EASY INSTALLATION
SURFACE MOUNT**



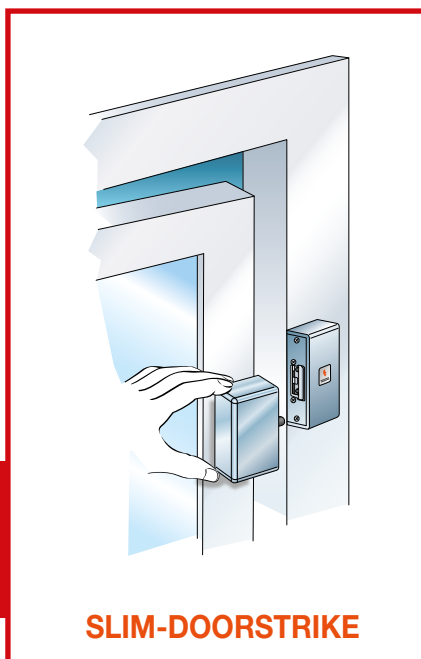
MICROLOCK

SLIM-DOORSTRIKE

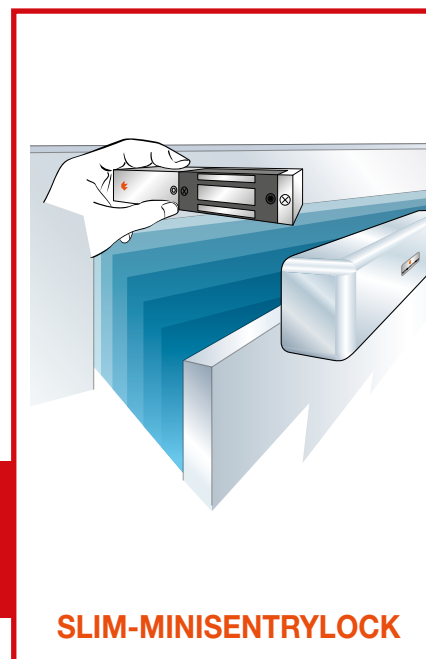
SLIM-MINISENTRYLOCK



MICROLOCK



SLIM-DOORSTRIKE



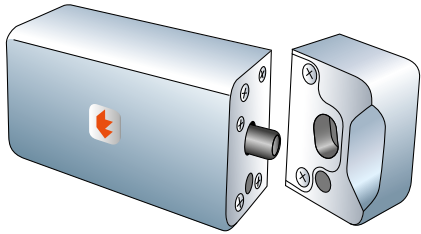
SLIM-MINISENTRYLOCK

MICROLOCK, SLIM-DOORSTRIKE, SLIM-MINISENTRYLOCK

ultra-slim, designed to be easily installed on the door surface without any holes and/or cuts in the frame...
... i'ts **DRILL&GO CUT-FREE!**



TECNODIMENSIONE
security with style



UNIVERSAL ELECTRICAL DROP BOLTS

MICROLOCK
in "CLEAN COVER"
for surface-mounting

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January 2018



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.

Ordering information



Q.ty

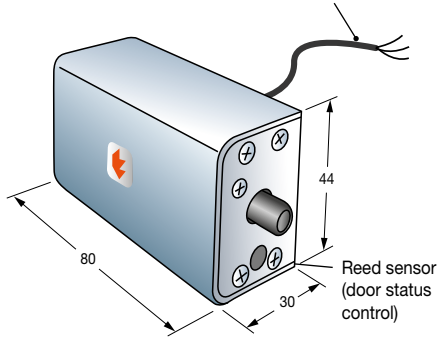
MODELS

N°

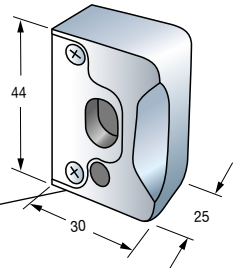
MICROLOCK
for surface mounting "DRILL&GO"
in protective "CLEAN COVER" housing

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)

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 correspondance 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)

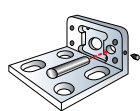
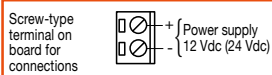
MICROBLUELOCK fail secure version (security).
For surface-mounting in "CLEAN COVER" casing same as above but with 24VDC/140 mA power supply.

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



4) protective
"CLEAN COVER"

3) MICROREDLOCK
mini-electrical drop bolt
body

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

2) cylindrical
Reed sensor

SPDT exchange
contacts

1) fastening bracket
on counter frame

G = Fastening
lock nut

AS = assembly
screws

FS = fastening
screws

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:

- secure the bracket (1) on the counter frame with the four FS fastening screws.
- place the cylinder Reed sensor (2) in the matching FA hole.
- lock the sensor by screwing the G nut into the FG hole.
- secure the mini-electrical drop bolt body (3) to the bracket (1) with the two supplied ES screws.
- 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)

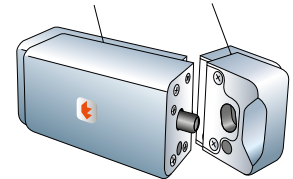
Element "B" assembly sequence
to be fastened on the door leaf

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

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

element "A"
(mini-electrical drop bolt)

element "B"
(block counter)



door post
frame

element
"A"

door
leaf

door
post
frame

door
leaf

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.

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January 2018



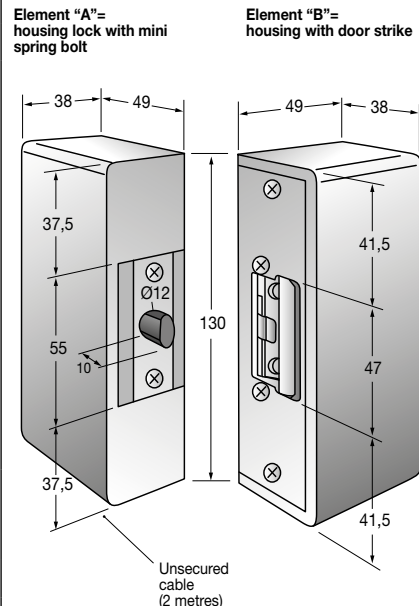
TECNODIMENSIONE®

ULTRA COMPACT ELECTRICAL DOOR STRIKE
SLIM-DOORSTRIKE
in "CLEAN COVER"
by single block for surface mount

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.

Ordering information		
		Q.ty
MODELS		N°

SLIM-DOORSTRIKE
for surface mounting "DRILL&GO"
in protective "CLEAN COVER" housing



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 anticorrosive, anodized and mechanically polished aluminium, taken from full part. For easy surface assembly with special invisible anti-removal rod without any visible screws.

0156J12DCM for pull-open doors		
0156J12SCM for push-open doors		

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

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		

overall dimensions in mm)

SLIM-DOORSTRIKE ELECTRICAL BOLT IN "CLEAN COVER" ASSEMBLY METHOD

"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:

- secure the bracket (1) on the door with the two FS fixing screws
- Insert the protective housing (2) to cover the bracket (1).
- 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.

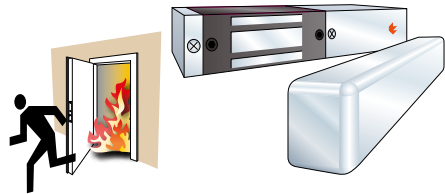
ASSEMBLY SEQUENCE FOR ELEMENT "B"
to be mounted on door-post frame:

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

SCREW-TYPE TERMINAL ON BOARD FOR CONNECTIONS

	+	power supply
	-	12 Vdc (24 Vdc)
	NC	contact output for
	NO	door status sensor
	C	(NC when door is closed)

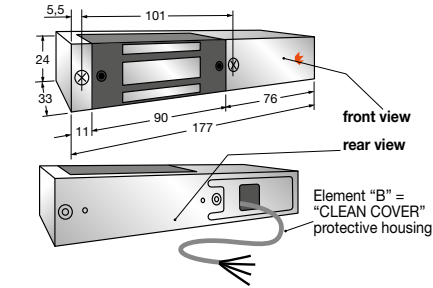
Note:
AS = 4 assembly screws
SDS = 2 screws for electrical door strike supplied together.
FS = 5 fixing and fastening screws on frame should be provided by installer (based on type of frame).



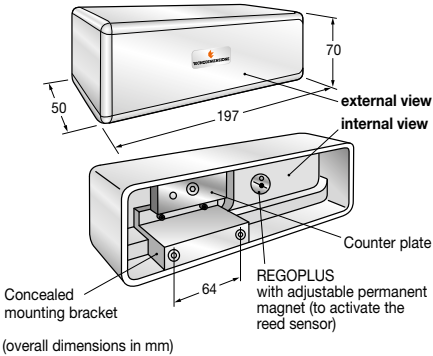
Automatic fail-safe unlock. In the event of fire or power failure it automatically unlocks freeing the exit....it's **FAIL-SAFE!**

SLIM- MINISENTRYLOCK for surface mounting "DRILL&GO" in protective "CLEAN COVER" housing

Element "A" = body of electromagnet



Element "B" = "CLEAN COVER" protective housing



PROFESSIONAL MINI ELECTROMAGNETS SLIM-MINISENTRYLOCK in "CLEAN COVER" Eletromagnetic crush-safe lock

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.

Export Product-list
January 2018



TECNODIMENSIONE®

Ordering information



Q.ty
N°

MODELS

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

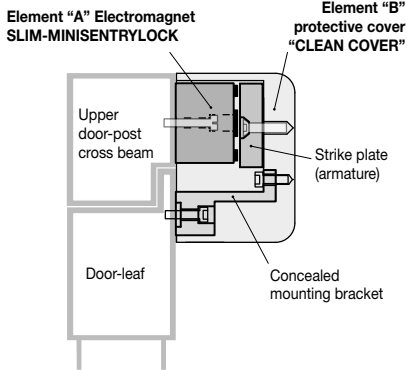
0020804A2UM

Models for 24 Vdc power supply

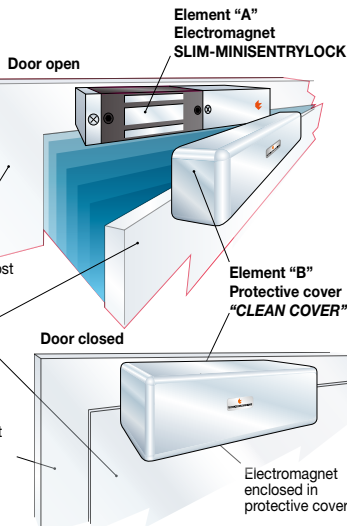
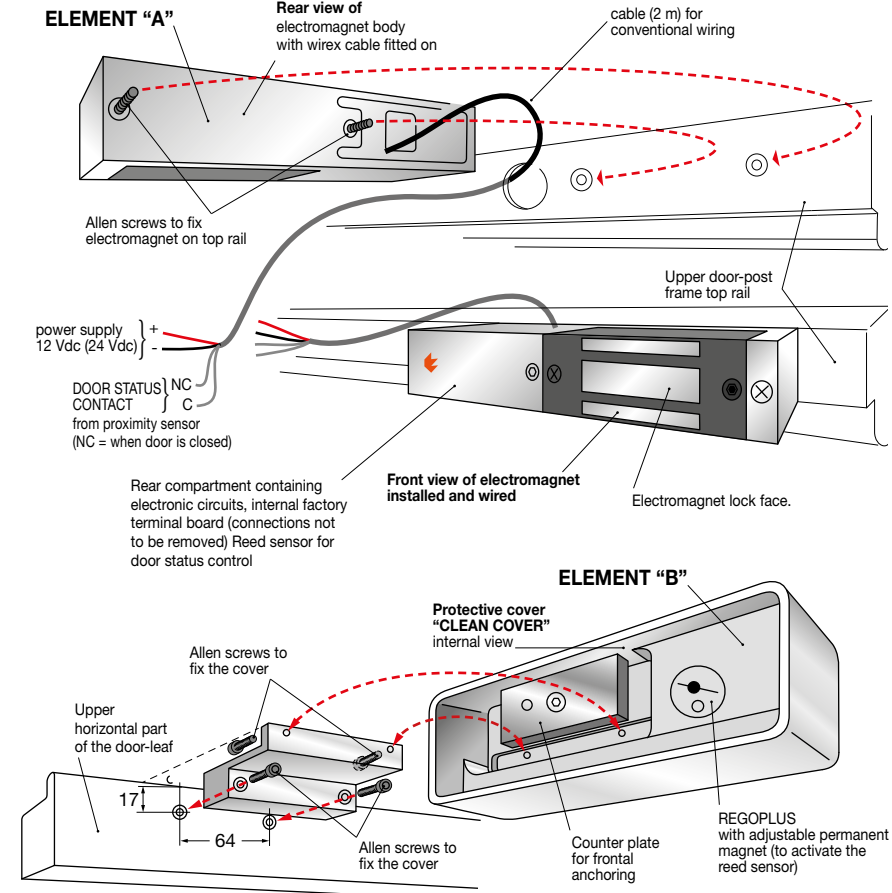
SLIM-MINISENTRYLOCK electromagnet as above but for a 24 V DC /50 mA power supply

0020804A4UM

CROSS SECTION VIEW

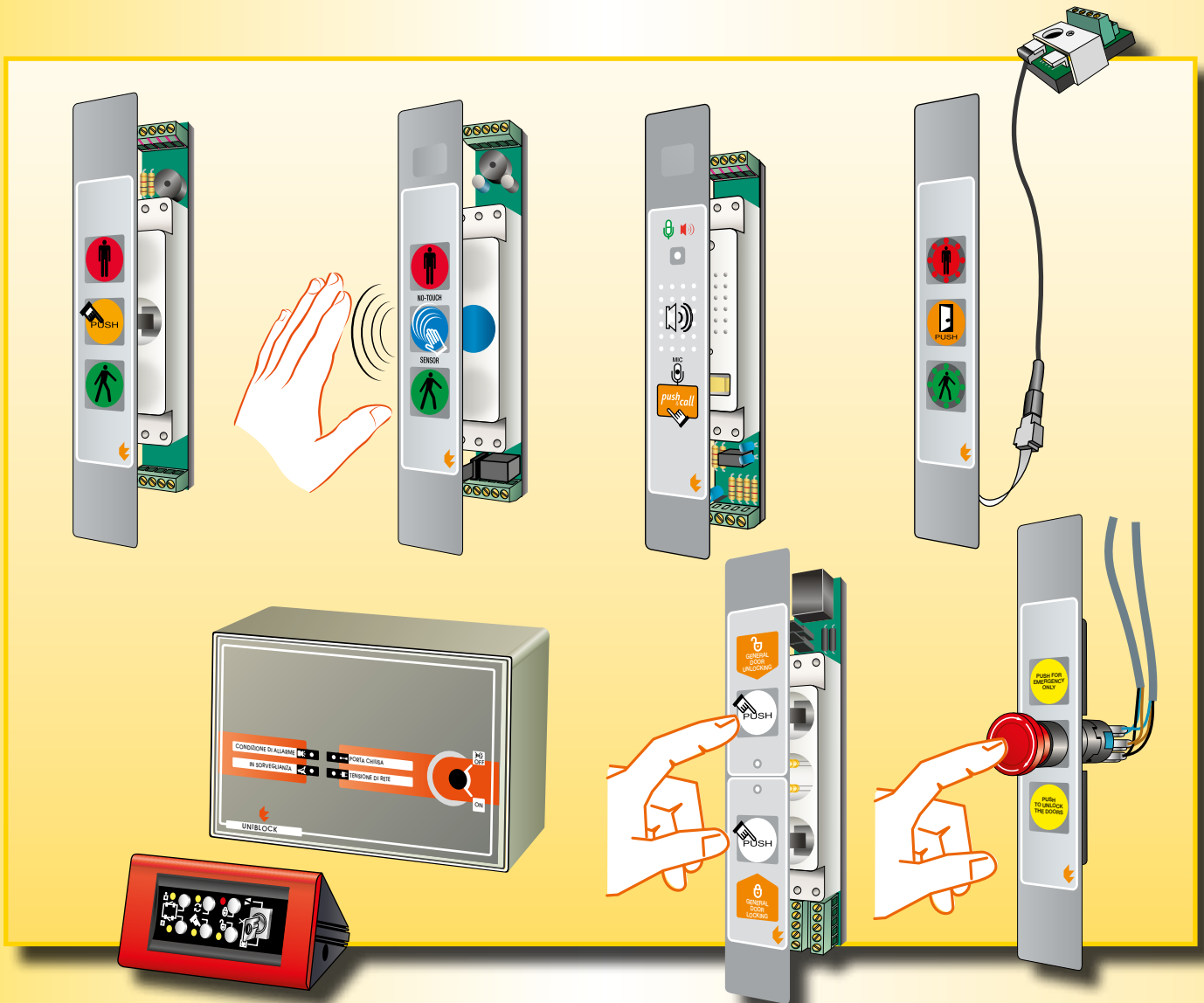


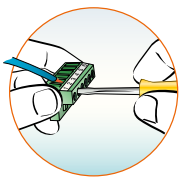
EXAMPLES OF CONNECTING ELECTROMAGNET SLIM-MINISENTRYLOCK





DOOR MANAGEMENT SYSTEMS





Is the interlock a problem?

The Tecnodimensione DUALBLOCK system is the answer.

The DUALBLOCK® system for interlocking of mutual acknowledgement doors for the controlled passage of people and/or materials, has proved to be the most efficient solution for banks, post offices, jewellers, pharmacies, restaurants, offices with access-protected areas, computer rooms, and Chemical and Food Industries and all activities for which access control and management must be carried out strictly but securely and calmly.

If we then have to add practical aspects linked with the creation of the structure of the doors, the mechanical and electromechanical aspects of the locks, and also the channelling and cabling of the electrical action, signal and management network...

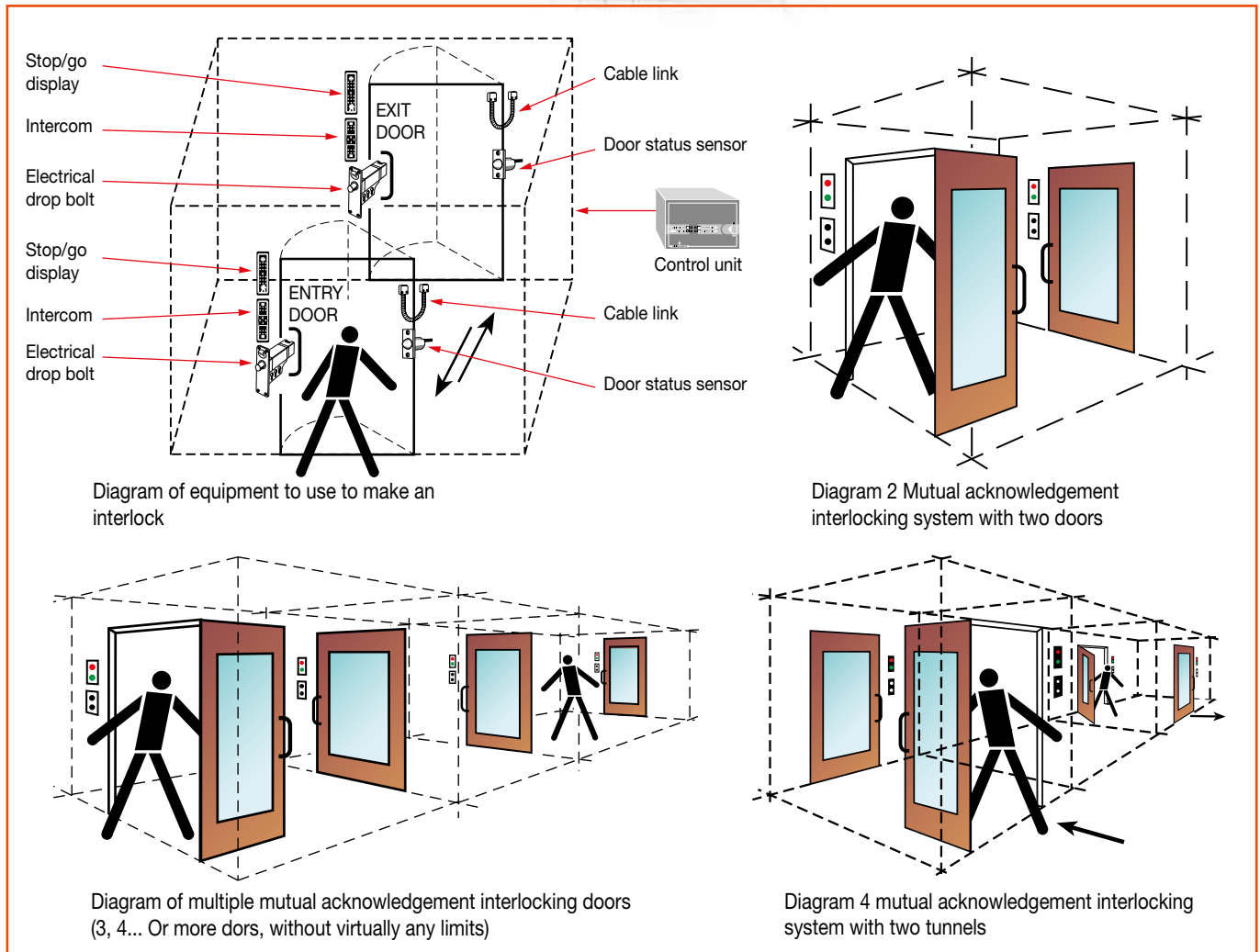
All when working that must be compatible with the need to carry out maintenance and controls...it is easy to realise how intricate the matter is to study.. And how much experience and skills is needed to seriously plan and make suitable interlock systems and logics.

Tecnodimensione, a reference point in the security sector, fully making use of all the precious expertise acquired and added to in more than 35 years of realisations in all industrial and commercial sectors, in Italy and abroad, now offers a wide range of specific products.

Each situation that requires the installation of single or multiple interlocks can find the answer with TECNODIMENSIONE devices.

At first glance the development of an interlocking system, **which for example locks one door when another one is opened and vice versa, would seem an easy task** but it is not exactly so.

The more we learn about the recurring problems in protected environment facilities, the more we realise how many and which are the variables in play that complicate matters. The coil becomes more complicated the more doors there are to interfere with each other with transit logic that partly and/or fully affect each other based on certain procedures, ways, timers, emergencies etc., a pile of obligations that are interdependent!



DUALBLOCK® SYSTEMS FOR TWO-DOORS INTERLOCK

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January 2018



TECNODIMENSIONE®

Electronic system to provide 2-door mutual-acknowledgment interlocking access, so that, for example, the 2nd door is locked after the 1st one is closed (and vice-versa).
The system named "1 bidirectional TUNNEL" (two-ways transit) is basically composed of: 1 DUALBLOCK® control panel + 1 DUALDESK remote desktop console (see below).
In addition 4 DUALUX top/go displays and/or DUALVOX intercom + accessories (see pertinent sheets).

TECHNICAL CHARACTERISTICS Control panels in heavy duty metallic cabinet for wall mounting. Battery compartment to hold 1 battery at 12Vdc/6Ah or 2 batteries 12Vdc/1,9Ah. Front panel with key selector for on/off alarm, power indicating led, individual door status led, alarm led	DUALBLOCK® CONTROL PANEL WITH "INTERLOCK" LOGIC												Ordering information 	MODELS	Q.ty	N°
	PROGRAMMABLE FUNCTIONS															
	● Logic operating circuits						○ Commands & visual indications									
1 TUNNEL "bidirectional" management 2 doors interlock	2 TUNNEL with 4 doors (2+2) 1 tunnel "entrancy" + 1 tunnel "exit"	AUTO/MANUAL FUNCTIONS	LOCKING permanent locking of both doors	UNLOCKING both doors temporarily unlocked (emergency)	TIMED OPENING COMMAND for each door with auto-relock (field adjustable 1 + 20 sec)	AUTOMATIC RE-LOCK PROGRAM for electrical locks (fail-secure or fail-safe)	"LAST EXIT" MODE	MONO/BIDIRECTIONAL SELECTABLE MODE	MOTORIZED DOORS CONTROL for automatic doors	GENERAL DOOR ALARM - immediate when 2 doors open - timed (adjustable 15 ÷ 30 sec) when	● general relay 1 SPDT contact ○ general buzzer	BATTERY CHARGER 1 unit at 12Vdc/2,7Ah (24Vdc/1,5Ah) 2 units at 12Vdc/2,7Ah (24Vdc/1,5Ah)				
DUALBLOCK® 1 tunnel 	● ●	---	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	12V (1) 24V (1)	034722E 034724E (by request)	batteries not included		
DUALBLOCK® 2 tunnel 	---	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	12V (2) 24V (2)	034742E 034724E (by request)	batteries not included		
Multipurpose consoles for desktop use or convertible (up side-down) into wall mounting panel-stand. Shock-proof plastic housing with metallic front plate.	"DUALDESK" DESKTOP CONSOLES FOR DOOR OPENING COMMAND															
	OPERATING FUNCTIONS															
	○ Commands & visual indications						△ Locking, in alternative unlocking (see note 1)									
Dualdesk "1 tunnel" 	○	---	○	○	○	○	---	○	○	---	○	12/24V	034750			
Dualdesk "1 tunnel" without housing 	○	---	○	○	○	○	---	○	○	---	○	12/24V	034750G (none housing)			
Minidualdesk "1 tunnel" 	○	---	○	△	△	○	---	---	---	---	○	12/24V	034752			
Minidualdesk "1 tunnel" without housing 	○	---	○	△	△	○	---	---	---	---	○	12/24V	034752G (none housing)			
	○	---	○	△	△	○	---	---	---	---	○	12/24V	034752GY (none key)			
Duplodesk "2 tunnel" 	---	○	○	△	△	○	---	---	---	---	○	12/24V 12/24V	034756M2 034756M2Y (none key)			
ACCESSORIES (optional) For the consoles listed above	Phone receiver independent PH (separate) table and/or wall intercom handset.												S034858F			

Note 1: The auto-manual key selector built-in on Minidualdesk console (Mod. 034752) operates as "simultaneous locking" command of both doors (or in alternative as unlocking command). If both lock/unlock functions are required to be present, in alternative should be used Dualdesk (Mod. 034750) or additional key selector (for example, housed into Dualblock® control panel).
Note 2: The published product do **not include** the batteries (at your care). Must be used specific rechargeable batteries "lead sealed type" (typical type for alarm systems).

DOOR MANAGEMENT SYSTEMS

UNIBLOCK & MULTIBLOCK SYSTEMS

Export Product-list
January 2018



TECNODIMENSIONE®

For 1 door management or multiple door interlocking logic
Control of electrical drop bolts and/or door strikes (both fail-secure and fail-safe). Stop/go displays supervision.
Timed opening command with automatic re-lock/unlimited temporary de-activation/or block of locking functions.
Ideal solution for Banks, Post Offices, Security rooms, etc.

TECHNICAL

CARACTERISTICS

Control panels in heavy duty metallic cabinet for wall mounting. Battery compartment to hold 1 battery at 12Vdc/6Ah or 2 batteries 12Vdc 1,9Ah. Front panel with key selector for on/off alarm, power indicating led, individual door status led, alarm led.

PROGRAMMABLE FUNCTIONS

● Logic operating circuits ○ Commands & visual indications

DOOR "TIMED" OPENING COMMAND with auto-relock (field adjustable 1 ÷ 20 sec)	AUTOMATIC RE-LOCK PROGRAM for electrical locks (fail-secure and fail-safe)	TAMPER PROTECTION in standby, the bolt sensor is not affected	COURTESY SERVICE electronic key override with timed unlock and auto re-lock	INSTANT DOOR LOCKING to prevent any access	DOOR UNLOCKING for free passage (escape mode) a = immediate b = delayed (adjustable 1 ÷ 20 sec)	GENERAL ALARM - surveillance - time-out door signal - anti-tampering alarm	IMPROPER USE ALARM (of emergency door) panic-bar pushed	REMOTE INDICATIONS for door status (open/closed)	I INTERLINK CONNECTION 2 or more doors interlock	BUILT-IN BATTERY-CHARGER 12Vdc/2,7Ah (24Vdc/1,5Ah)
---	--	---	---	--	---	--	---	--	--	--

Ordering information



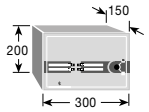
Q.ty

MODELS

N°

"UNIBLOCK" CONTROL PANEL FOR 1 DOOR MANAGEMENT

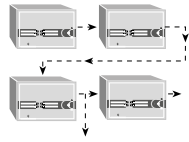
UNIBLOCK for 1 door



●	●	●	●	●	● a	●	---	●	●	12V
●	●	●	●	●	● a	●	---	●	●	24V

By request: PCB printer circuit mather board "alone" - dim. 180x115mm (without power supply and without housing)

"MULTIBLOCK" CONFIGURATION FOR SEVERAL DOORS



By connecting a UNIBLOCK control panel with others one, can easily create a sequential system of multiple interlocking doors (2... 4... 8... 12, or as many as desired), all controlled by a single operator, who controls access through the command console as the visitor passes through the obligatory route.

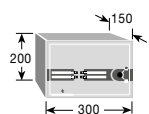
034712
034714 (by request)
batteries not included

S034712GS

(1 per each door)
034712
S034712GS
("visible" configuration)
batteries not included

PANICBLOCK SYSTEMS

PANICBLOCK for 1 door



"PANICBLOCK" CONTROL PANEL FOR 1 EMERGENCY DOOR MANAGEMENT

Protects against improper use of escape doors.
Immediate or delayed opening of the door programmable with or without alarm.

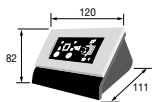
●	●	●	●	●	● a + b	●	●	●	●	12V
●	●	●	●	●	● a + b	●	●	●	●	24V

By request: PCB printer circuit mather board "alone" - dim. 180x115 mm (without power supply and without housing)

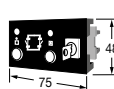
034762
034764 (by request)

S034762GS

UNIDESK for 1 door



UNIDESK without housing



"UNIDESK" DESKTOP CONSOLE

Compact unit to be connected to Uniblock panel to control 1 door.

Oper.
Vdc

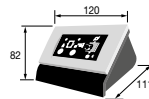
○	---	---	---	○	○ a	○	---	○	---	12/24V
---	-----	-----	-----	---	-----	---	-----	---	-----	--------

034751

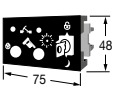
○	---	---	---	○	○ a	○	---	○	---	12/24V
---	-----	-----	-----	---	-----	---	-----	---	-----	--------

034751G
(none housing)

PANICDESK for 1 door



PANICDESK without housing



"PANICDESK" DESKTOP CONSOLE

Compact unit to be connected to Panicblock panel to control 1 emergency door.

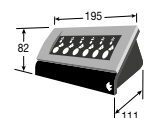
○	---	---	---	○	● a + b	○	○	○	---	12/24V
---	-----	-----	-----	---	---------	---	---	---	-----	--------

034760

○	---	---	---	○	● a + b	○	○	○	---	12/24V
---	-----	-----	-----	---	---------	---	---	---	-----	--------

034760G
(none housing)

MULTIDESK



"MULTIDESK" DESKTOP CONSOLES

TO CONTROL MULTIPLE CONFIGURATION OF 2... 3... 4... DOORS AND OVER
To be connected both UNIBLOCK or PANICBLOCK systems
(see a complete desktop range in the proper price list sheets "BRICKYDESK").

(by request)

ACCESSORIES (optional)
For the consoles listed above

Phone receiver independent PH (separate) table and/or wall intercom handset.

S034858F

Note: The published products do **not include** the batteries (at your care). Must be used specific rechargeable batteries "lead sealed type" (typical type for alarm systems).

BRICKYDESK DESKTOP CONSOLES FOR DOORS MANAGEMENT

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information



Q.ty

MODELS

N°

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

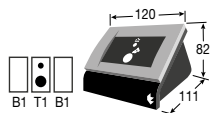
POWER CONSUMPTION

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.

MINIDESK



1

1T

3

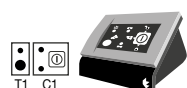
2

12V

15

1 V/R

034753T1B2



1

1T

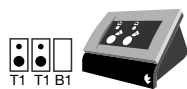
12V

30

1V/R + 1V + 1R

1C

034753T1C1



2

2T

3

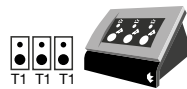
1

12V

30

2 V/R

034753T2B1



3

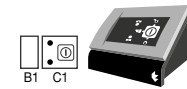
3T

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 consoles, as many you need to control up to 4 doors maximum.

035902.... x n°.....
one module for each door

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").

BRICKYDESK DESKTOP CONSOLES FOR DOORS MANAGEMENT

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information



Q.ty

MODELS

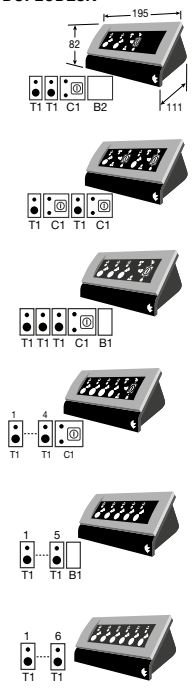
N°

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.

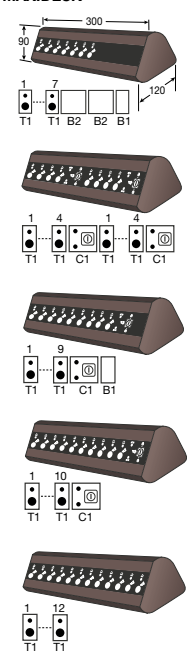
N° ... OF DOORS TO BE MANAGED	N° ... DOOR PUSH-BUTTONS with N.O. contact → N.C. (pushing the button)	EXTENDABLE UP TO N° of doors	N° ... OF BLIND UNITS for future extensions	OPERATING VOLTAGE Vdc	POWER CONSUMPTION mA	N° ... OF VISUAL INDICATORS G/R = 1 LED green/red bifunc. G = 1 LED green R = 1 LED red Y = 1 LED yellow (by request)	N° ... OF KEY SELECTORS "C" 3 release positions (for example lock/unlock) etc.
-------------------------------	--	------------------------------------	---	-----------------------	----------------------	---	--

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		

MAXIDESK



7	7T	12	5	12V	105	7V/R	---	034757T7B5		
8	8T	---	---	12V	150	8V/R + 2V + 2R	2C	034757T8C2		
9	9T	10	1	12V	150	9V/R + 1V + 1R	1C	034757T9C1B		
10	10T	---	---	12V	165	10V/R + 1V + 1R	1C	034757T10C1		
8	8T	12	4	12V	120	8V/R	---	034757T8B4		
9	9T	12	3	12V	135	9V/R	---	034757T9B3		
10	10T	12	2	12V	150	10V/R	---	034757T10B2		
11	11T	12	1	12V	165	11V/R	---	034757T11B1		
12	12T	---	---	12V	180	12V/R	---	034757T12		

ACCESSORIES (optional)

For the consoles listed

Phone receiver independent PH (separate) table and/or wall intercom handset.	S034858F	
Microtimer circuit for the timed opening of 1 door (if 1 electrical door strike or Minilock or Microlock electrical drop bolt is available). The circuit can be used with any of the consoles specified. It is possible to install from 1 to 12 circuits, depending on the number of doors to control.	035902.... x n° one module for each door	

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").

Traditional version

PROFESSIONAL STOP/GO DISPLAYS & INTERCOMS

Export Product-list
January 2018



TECHNICAL CHARACTERISTICS Extra-narrow-size units for multiuse installation from flush to surface mounting using proper ancillaries. Ideal for narrow frames (door-post).	DUALUX extra-narrow-size stop/go display with 9 LED green + 9 LED red	DUALVOX extra-narrow-size intercom unit - 2 loudspeakers	MICROLUX micro-size stop/go display with 1 bifunctional LED (green/red)	UNIVERSAL OPERATING VOLTAGE (12/24Vdc)	POWER CONSUMPTION	VISITORS BELL PUSH-BUTTON PHONE-CALL PUSH BUTTON	U = flush mounting (convertible for wall mount) I = recessed mounting A = surface mounting	Ordering information	Q.ty	
									MODELS	N°
DUALUX & DUALVOX 	•	---	---	12/24V	55	---	U	034782 034782C		
	•	---	---	12/24V	55	•	U			
MICROLUX A I 	---	---	•	12V	15	---	I	034753S1 034753T1 034753S1A 034753T1A		
	---	---	•	12V	15	•	I			
	---	---	•	12V	15	---	A			A
	---	---	•	12V	15	•	A			A
ANCILLARIES FOR MOUNTING										
SPACER BOX 	OPTIONAL: for surface-mounted DUALUX and DUALVOX models. Spacing box that enables to immediately "convert" recess-mounted DUALUX and DUALVOX models into SURFACE-MOUNTED overlapped on the door frame.								034789	
FOR MICROLUX "FLUSH" 	MANDATORY FOR FLUSH MOUNTING OF MICROLUX Kit of 1 frame Mod. 034753V1T as receptable of one MICROLUX + 1 cover-plate Mod. 034753V1P metallic type "silver colour" (or in grey plastic). To arrange flush mounting.								034753V1K (metallic cover-plate) 034753V1KG (metallic cover-plate)	
FRAME COVERPLATE										

Note: According with your needs, you have to order one or two DUALVOX units for visitors use: one unit for the first entry door, the other unit (twin parallel connected) max 50 mt distance, for the second entry door - when required. Please do not forget to order also the proper Phone Receiver Mod. S034858F. For telephone beside table console keypad, see under "table console" in price list.

New generation

Stop/go display
SLIM-DUALUX

Stop/go sensorized display
SLIM-DUALUX No-touch

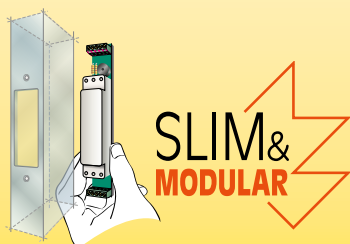
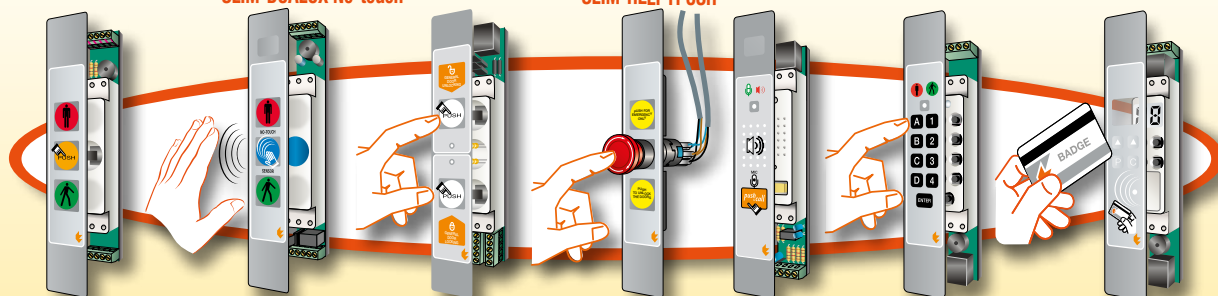
Push-button unit
SLIM-DUALPUSH

Push-button with "mushroom"
SLIM-HELPPUSH

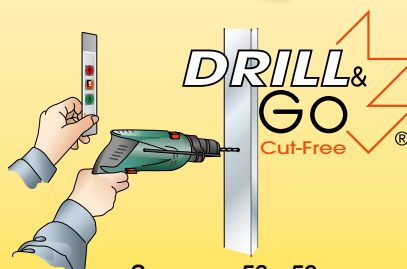
Intercon unit
SLIM-DUALVOX

Keypad
SLIM-CODEGUARD

Badge reader
SLIM-PASSGUARD



See page 43 - 44



See page 58 - 59

DOOR MANAGEMENT SYSTEMS

BRICKY FREELY ASSEMBLING MODULES TO PERFORM DESKTOP AND RACK CONSOLES

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information



Q.tY

MODELS

N°

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 aluminum housing

OPERATING VOLTAGE Vdc

POWER CONSUMPTION mA

COMMAND PUSH BUTTON "T" with N.O. correct → N.C. (pushing the button) 1A/12V rated

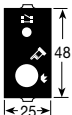
VISUAL INDICATORS

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

BRICKY T1



●

●

12V

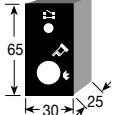
15

1T

1 V/R

034753T1

BRICKY T1A



●

●

12V

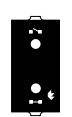
15

1T

1 V/R

034753T1A

BRICKY S2



●

●

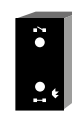
12V

15

1V + 1R

034753S2

BRICKY S2A



●

●

12V

30

1V + 1R

034753S2A

BRICKY S1



●

●

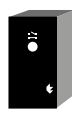
12V

15

1 V/R

034753S1

BRICKY S1A



●

●

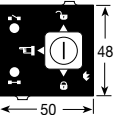
12V

15

1 V/R

034753S1A

BRICKY C1



●

●

12V

30

1V + 1R

1C

●

034753C1

034753C1Y

BRICKY B1



●

●

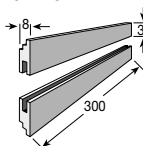
●

034753B1

034753B2

BRACKETS & AUXILIARY FRAMES FOR FLUSH MOUNTING IN PANELS OR CONSOLES

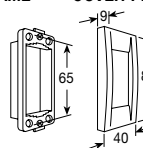
RAILS BRICKY



Pair of rails "with 12 spot" prepared to be receptable of BRICKY "flush" modules (up to 12 single units) to arrange any size of desktop or rack consoles.

034757P

FRAME COVER-PLATE



Kit comprising: 1 single frame with 1 slot, mod. 034753V1T, for the insertion of 1 Brickly element with 1 slot (for example T1, S1, S2) + 1 snap-one cover plate, mod. 034753V1P, in metal with "silver" finish (or in dark grey plastic). For recess-mounting on panels, door frames, etc.

034753V1KF

(aluminum cover plate)

034753V1KG

(plastic cover plate)



1
T1

4
T1

C1

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

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January 2018



Ordering information

MODELS

Q.ty
N°

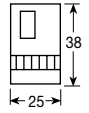
TECHNICAL CHARACTERISTICS
Multipurpose modules, microboard execution with screw terminals for fast wiring connections. Ideal as auxiliary actuators, interface for existing installations.

SINGLE UNIT MODULE	DOUBLE UNIT MODULE	FOR FLUSH MOUNTING into frame	SURFACE MOUNTING with black aluminum 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 to 12Vac (alternative voltage)	2 PROGRAMMABLE RELAYS - each stand-alone (separated inputs) - tandem (common input command)	1 TEMPORIZED RELAY (adjustable 1 ÷ 60 sec) programmable	CONTACT OUTPUTS changeover SPDT - 1A/12V
--------------------	--------------------	-------------------------------	--	---	-----------------------	----------------------	---	---	---	---	--

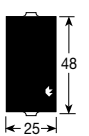
MICRORELEX R1

It is a small relay unit with amplified input circuit to be driven by any low level signal (either positive or negative 12Vdc). Execution and dimensions like single unit Bricky module.

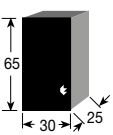
"pcb"



Bricky execution R1



Bricky execution R1A

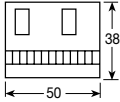


---	---	---	---	●	12V	20	1P	---	---	---	●	035812P		
---	---	---	---	●	12V	20	1N	---	---	---	●	035812N		
●	---	●	---	---	12V	20	1P	---	---	---	●	034753R1P		
●	---	---	●	---	12V	20	1N	---	---	---	●	034753R1N		
●	---	---	●	---	12V	20	1P	---	---	---	●	034753R1PA		
●	---	---	●	---	12V	20	1P	---	---	---	●	034753R1NA		

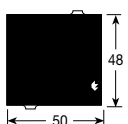
MICRORELEX R2

It is a unit with 2 small relays to be driven separately or contemporarily (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



flush mounting Bricky execution



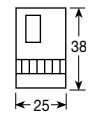
---	---	---	---	●	12V	40	---	---	●	---	●	035822		
---	●	●	---	---	12V	40	---	---	●	---	●	034753R2		

SPECIAL INTERFACE MODULES to upgrade condominium entrygate

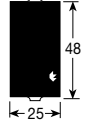
It is a small relay unit to be driven by alternative current input signal (from 8 up to 12Vca variable voltage). It should be used as interface adapter to intercom system (old generation) typically operates on 8 ÷ 12Vca voltage. Ideal to up-grade the existing conventional condominium entrygate to be equipped with advanced Tecnodimensione electrical bolts Tronix version.

MICRORELEX R1C

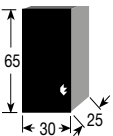
pcb execution



flush mounting Bricky execution



surface Bricky execution



---	---	---	---	●	8/12 Vac		30	---	●	---	●	035811C		
●	---	●	---	---	8/12 Vac		30	---	●	---	●	034753R1C		
●	---	---	●	---	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").

DOOR MANAGEMENT SYSTEMS

LOGIC MODULES FOR DOOR MANAGEMENT

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January 2018



TECNODIMENSIONE®

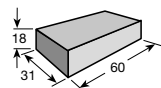
Properly designed to help the installer in his job to realize easily & quickly any system to meet both simple or complex customer demands.

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 attempts 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
--	---	--	---	---	--	--	--	---------------------------------	--------------------------------

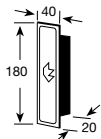
MICROTIMER



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 or fail-safe version).

○	●	---	---	---	●	---	---	12V	80
								24V	80

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	80
								24V	80

Ordering information



Q.ty
N°

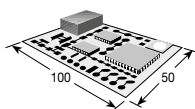
MODELS

035902
035904

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.

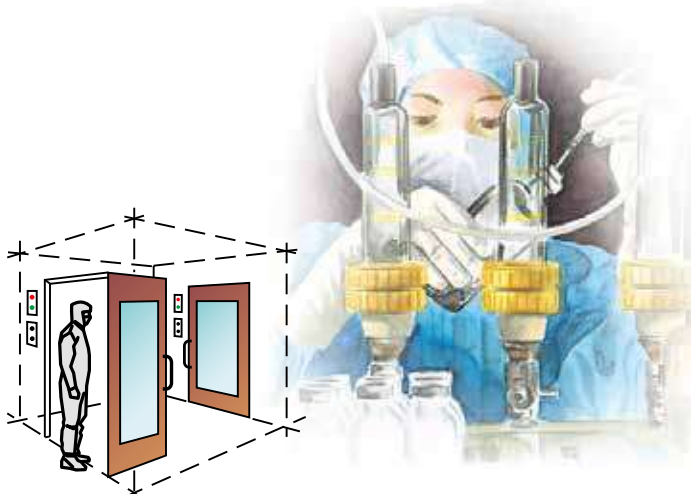
Logical card in Print Mather Board execution (without housing) prepared to manage with visually lights (without locks) the interdependence of 2 doors + 2 doors with presence control (changing room in use). Alarm relay for simultaneously opened doors. 12VDC/100 mA power supply.

Note: the selling of these module are devoted 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

PHARMABLOCK TECNODIMENSIONE door management devices and systems for "Clean Room"



The specified documentation Clean-Room in "Clik&Go" version or Flexicon version.

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

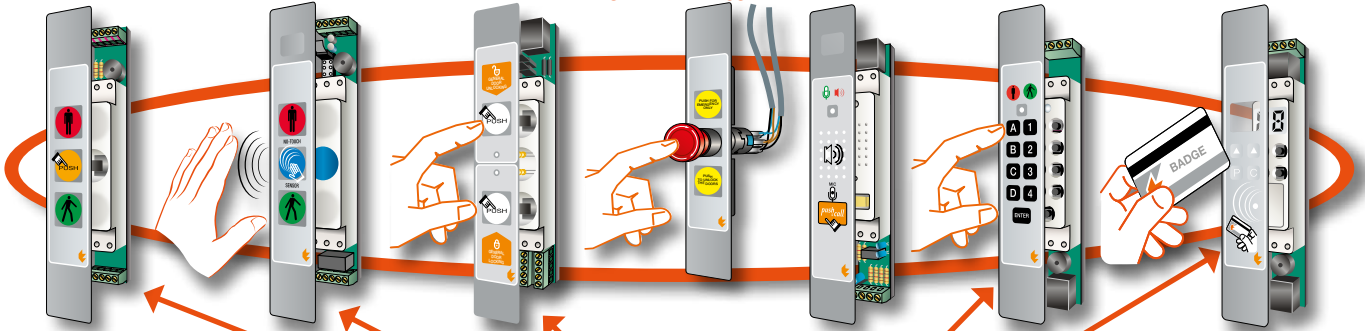
Push-button unit
SLIM-DUALPUSH

Push-button with "mushroom"
SLIM-HELPPUSH

Intercom unit
SLIM-DUALVOX

Keypad
SLIM-CODEGUARD

Badge reader
SLIM-PASSGUARD

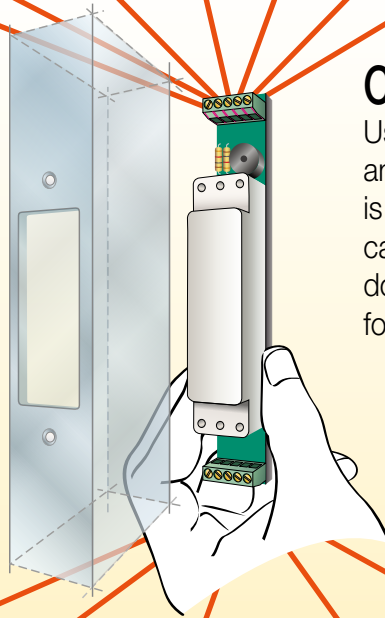


Unified module because....

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 keeping a 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...

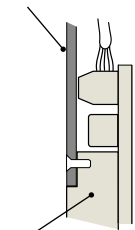
Using unified flanges, cases and boxes, any unified SLIM & MODULAR device is convertible into 5 different types that can be installed in any way, next to the door, based on the assembly needs found in the field.



Assembly type

1

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

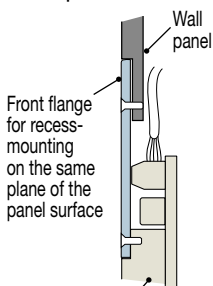


Unified body of modular device recess mounted set flush into surface door frame level

Assembly type

2

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

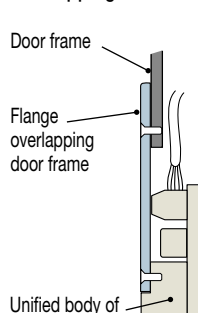


Unified body of modular device with front flange

Assembly type

3

for conventional flush mounting
with front flange overlapping door frame

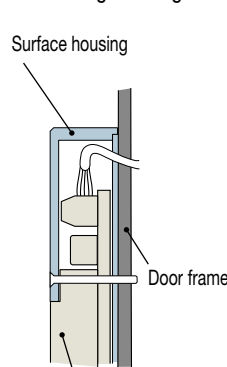


Unified body of modular device with conventional front flange

Assembly type

4

for surface mounting
with using housing

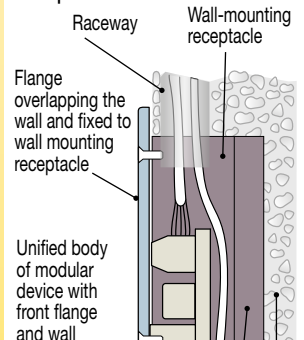


Unified body of modular device included in housing

Assembly type

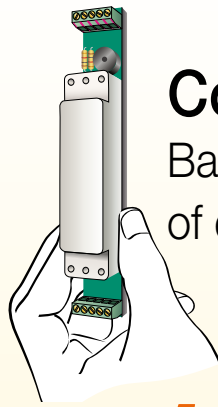
5

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



Unified body of modular device with front 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



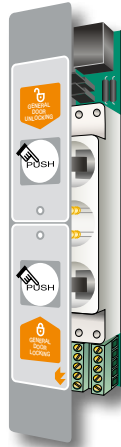
The stop and go display is a device with a red/green light and international STOP/GO symbols designed to regulate transit in various controlled entrances. It has a manual pressure button for opening the door and/or ringing the bell.

Stop/go sensorized display
SLIM-DUALUX No-touch



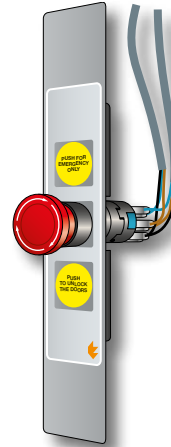
This is the stop and go display (instead of the manual pressure button) with an infrared sensor that "sees" a presence up to 10 cm away. The "contactless" door-opening command and/or bell works automatically by bringing the hand close without touching anything.

Push-button unit
SLIM-DUALPUSH



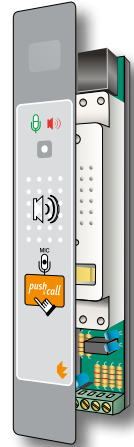
It is the keypad device with 2 independent multi-functional buttons that activates the specific command, using its various exist contacts pressed manually, according to the programme.

Emergency "mushroom" button
SLIM-HELPPUSH



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



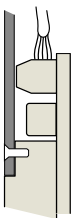
The talk-listen unit is the device that, when matched to another identical unit, in tandem and/or in multiples (with special Voxtronix centralisation module), allows voice intercommunication between different remote stations. The "Push&Call" button activates the start of the conversation in "alternated 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

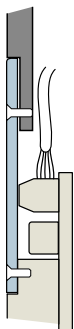
fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel



Assembly type

2

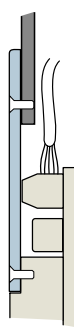
fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface



Assembly type

3

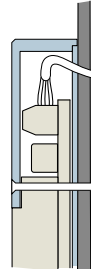
for conventional flush mounting with front flange overlapping door frame



Assembly type

4

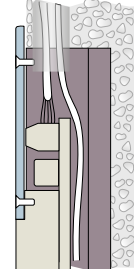
for surface mounting with using housing



Assembly type

5

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



SLIM-DUALUX PROFESSIONAL STOP/GO DISPLAYS

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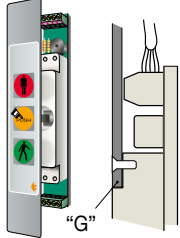
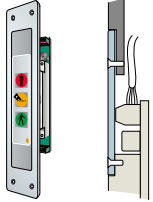
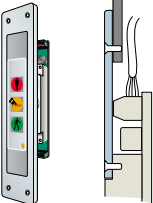
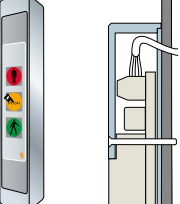
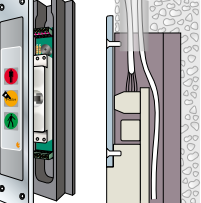


TECNODIMENSIONE®

- 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.

Ordering information

Q.ty

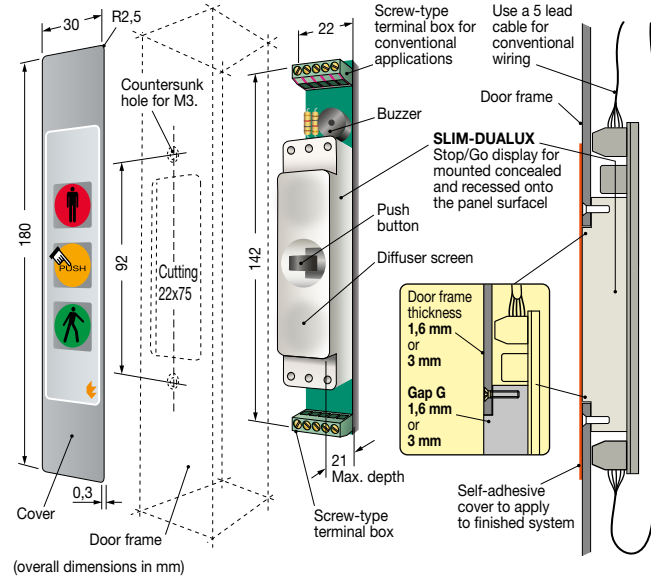
Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel ✱	Models for 12Vdc/70mA power supply	MODELS		N°
	SLIM-DUALUX stop and go display type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without 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 Same with diffuser screen and gap G for sections with a thickness of 3 mm	034981CM4U 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	MODELS		N°
	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)			
Assembly type 3 for conventional flush mounting with front flange overlapping door frame 	Models for 12Vdc/70mA power supply	MODELS		N°
	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)			
Assembly type 4 for surface mounting with using housing 	Models for 12Vdc/70mA power supply	MODELS		N°
	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)			
Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle 	Models for 12Vdc/70mA power supply	MODELS		N°
	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.

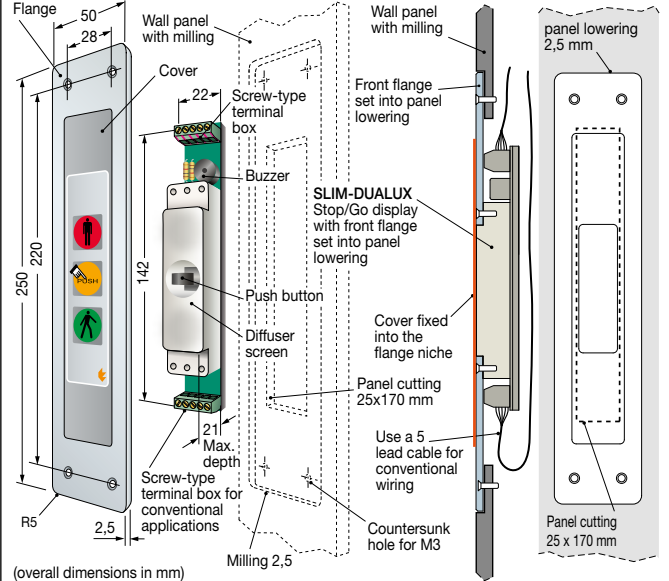
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 46.

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

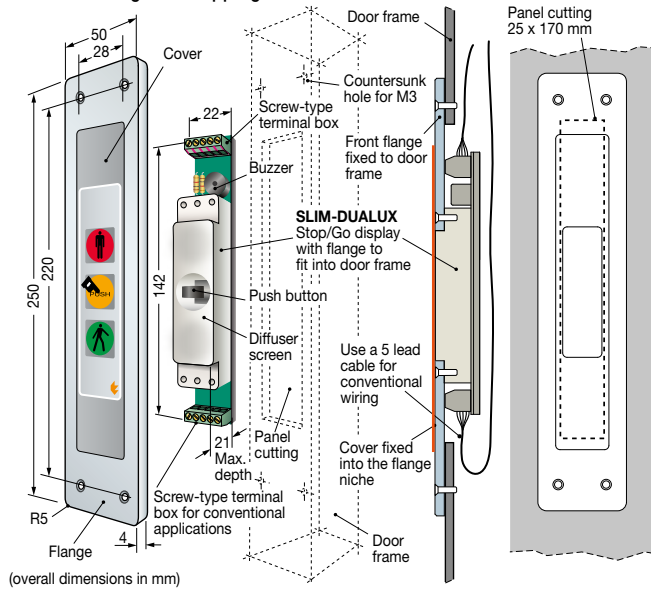
Assembly type 1 fully aligned concealed for recess-mounting on the same plane of the door frame panel without a flange



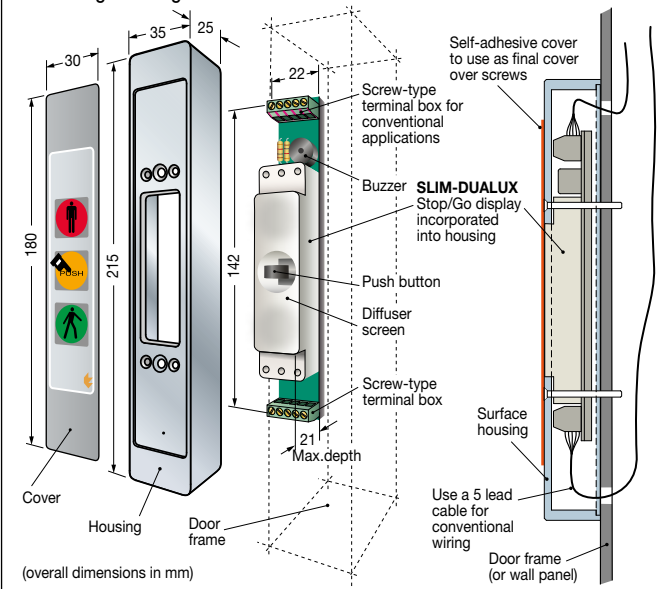
Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface



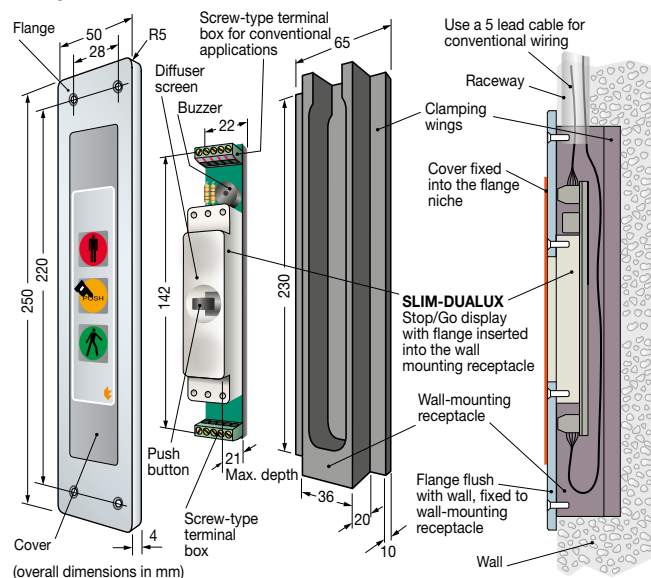
Assembly type 3 for conventional flush mounting with front flange overlapping door frame



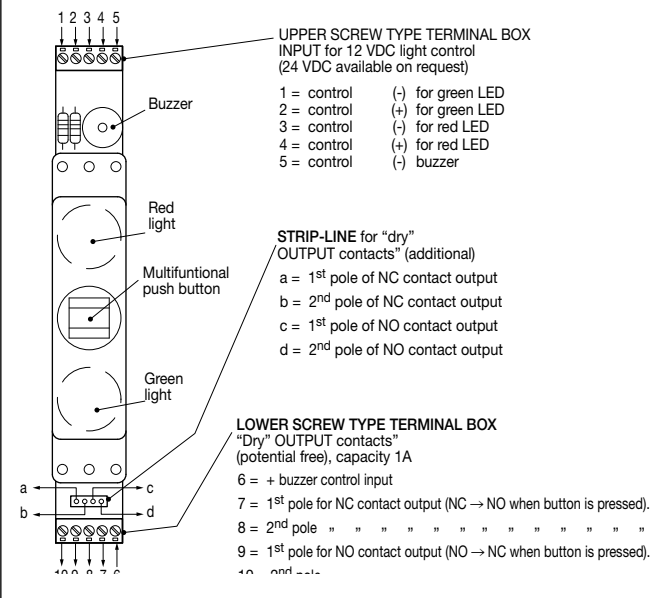
Assembly type 4 for surface mounting with using housing



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



CONNECTION DIAGRAM valid for all 5 types





SLIM-DUALUX No-touch

PROFESSIONAL SENSORIZED STOP/GO DISPLAYS

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January 2018



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Ordering information



Q.ty

N°

Models for 12Vdc/70mA power supply

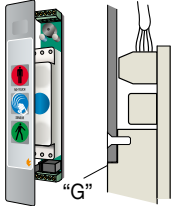
MODELS



- 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.

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.

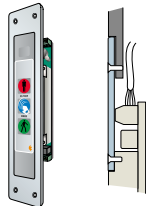
* In this case it is advisable to prepare the recess during the door frame machining.

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 ♦

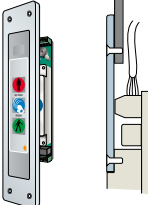


SLIM-DUALUX No-touch stop and go display type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Supplied with front flange in anodized aluminium with "silver" finish - 250 x 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

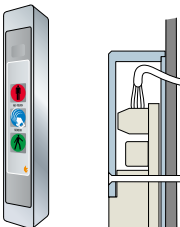


SLIM-DUALUX No-touch stop and go display type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche.

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

034983HM2U

Assembly type 4
for surface mounting with using housing

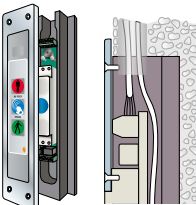


SLIM-DUALUX No-touch stop and go display type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 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 48.

SLIM-DUALPUSH

PROFESSIONAL PUSH-BUTTON PANELS

for multiple independent controls

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TECNODIMENSIONE®

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.

Ordering information



Q.ty

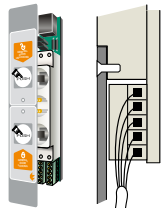
Models for 12Vdc/70mA power supply (on request on order models 24Vdc)

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.

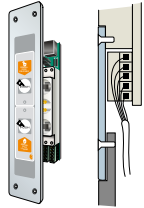
Same with front panel and gap G for sections with a thickness of 3 mm. Add suffix 3 to the code of the selected model.

034971CCM2U
(with 2 C buttons)
034971CIM2U
(with 1 C button + 1 I switch)
034971IIM2U
(with 2 I switches)

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.

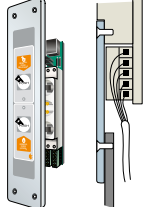
Cover pre-assembled and fixed into the flange niche.

♦ 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.

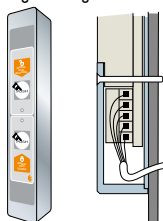
Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche.

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).

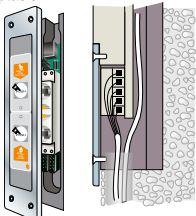
Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame.

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.

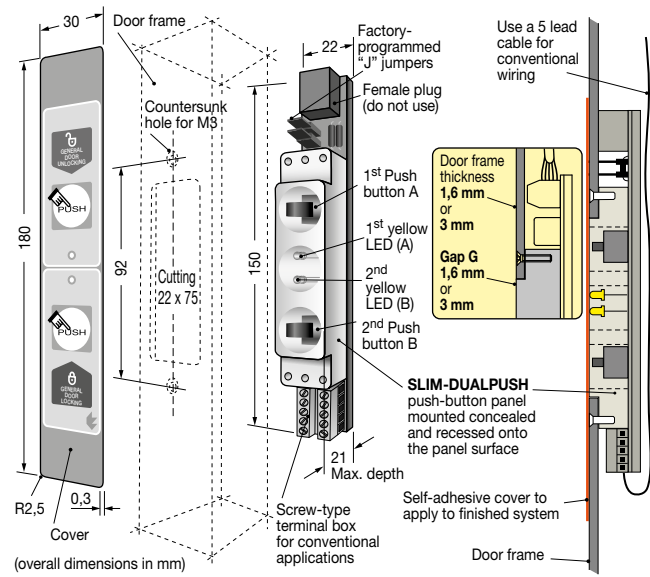
034975CCM2U
(with 2 C buttons)
034975CIM2U
(with 1 C button + 1 I switch)
034975IIM2U
(with 2 I switches)

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

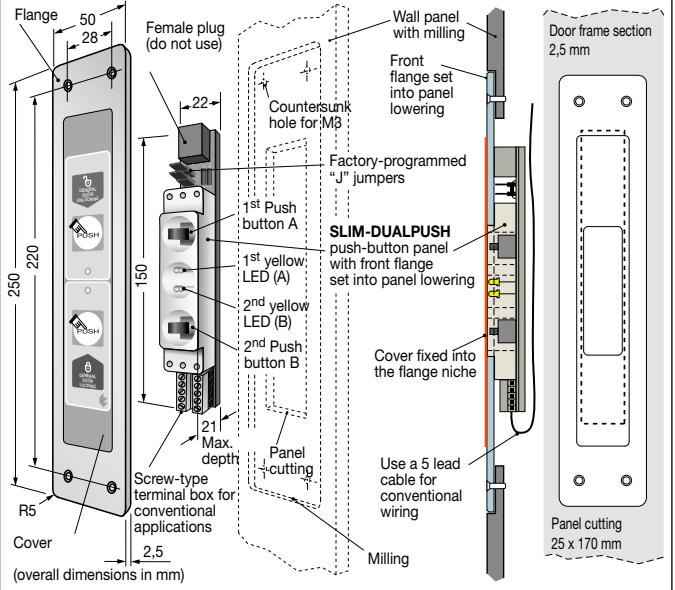
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 50

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

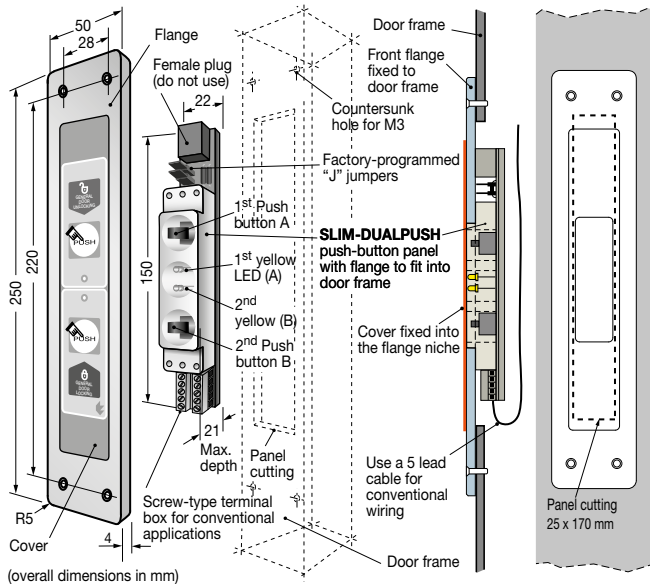
Assembly type 1 total alignment, lock recessed into surface without flange



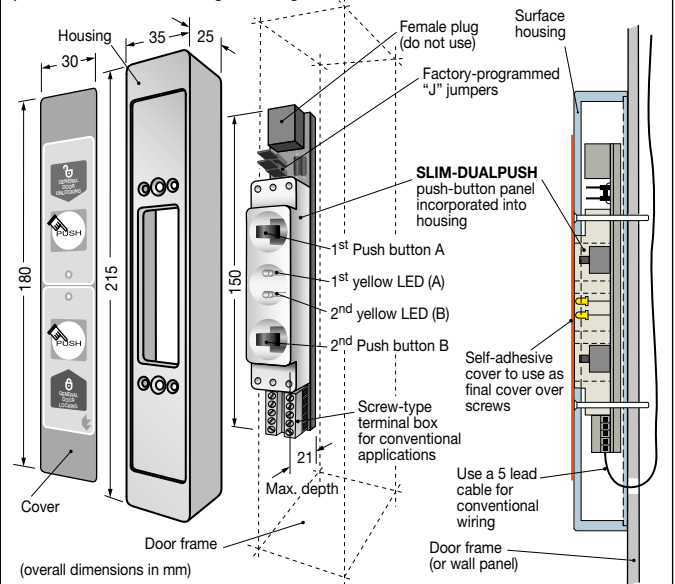
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



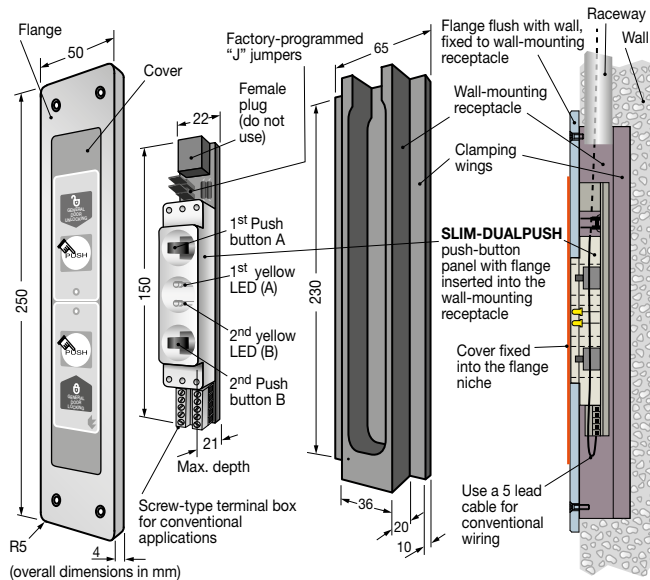
Assembly type 3 traditional fitting with front flange over the lock



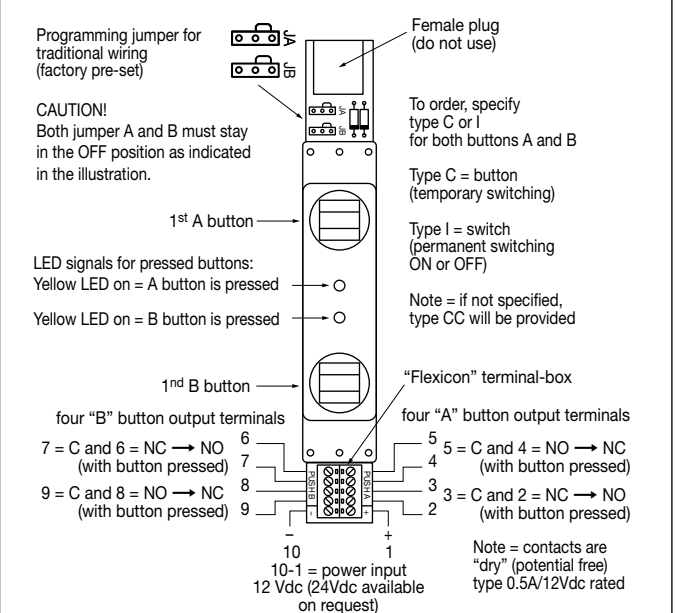
Assembly type 4 for mounting placed on surface using housing



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



CONNECTION DIAGRAM valid for all 5 types



SLIM-HELPPUSH

PROFESSIONAL PUSH-BUTTON PANELS with emergency mushroom head button

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January 2018



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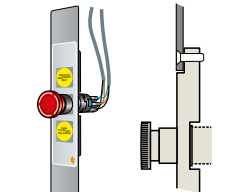
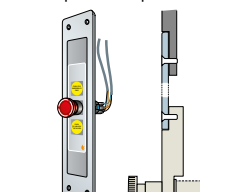
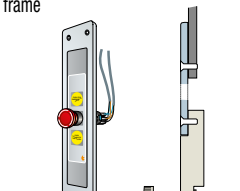
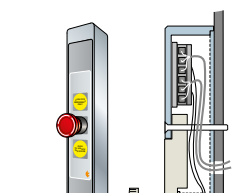
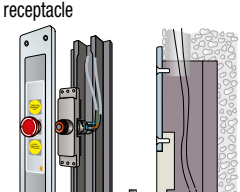
Ordering information

Q.ty

Models for 12 Vdc/70mA power supply and/or 24Vdc

MODELS

N°

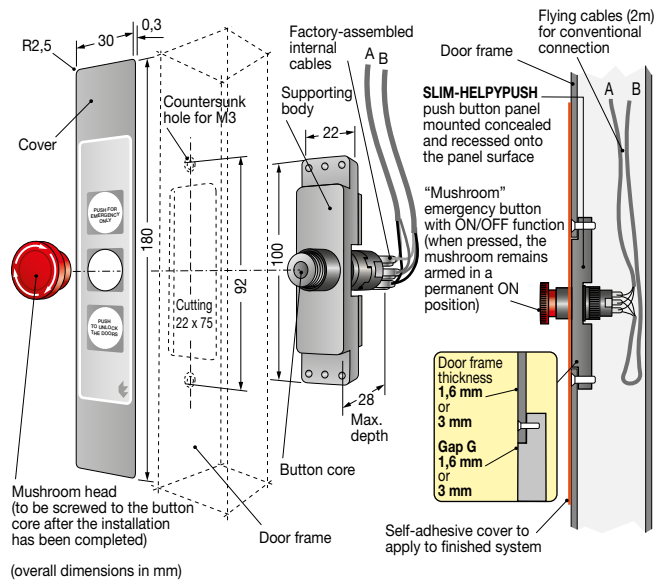
<p>Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel *</p> 	<p>SLIM-HELPPUSH push button panel type 1 with "mushroom" pressure button with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. 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.</p> <p>Same with front panel and gap G for sections with a thickness of 3 mm.</p>	<p>034971E0M2U</p>	
<p>Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆</p> 	<p>SLIM-HELPPUSH 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.</p>	<p>034972E0M2U</p>	
<p>Assembly type 3 for conventional flush mounting with front flange overlapping door frame</p> 	<p>SLIM-HELPPUSH 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.</p>	<p>034973E0M2U</p>	
<p>Assembly type 4 for surface mounting with using housing</p> 	<p>SLIM-HELPPUSH 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</p>	<p>034974E0M2U</p>	
<p>Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle</p> 	<p>SLIM-HELPPUSH 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.</p>	<p>034975E0M2U</p>	

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

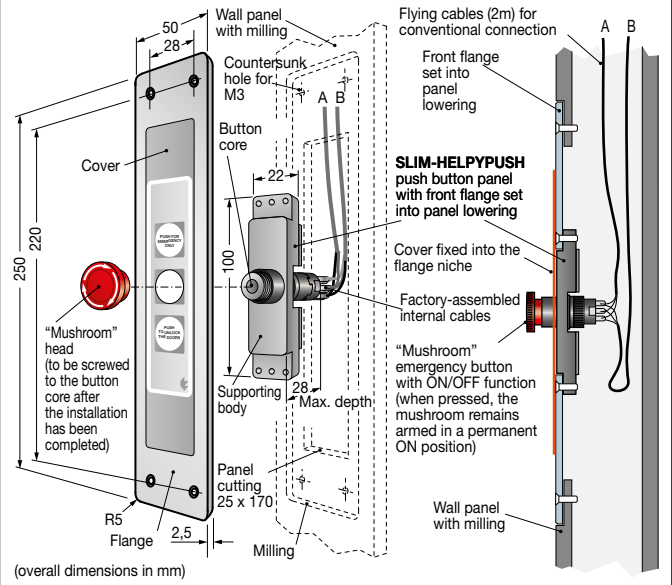
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 52

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

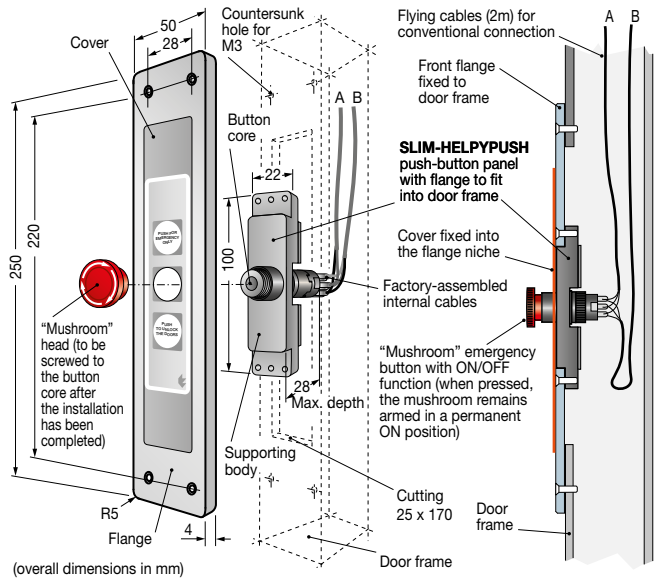
Assembly type 1 total alignment, lock recessed into surface without flange



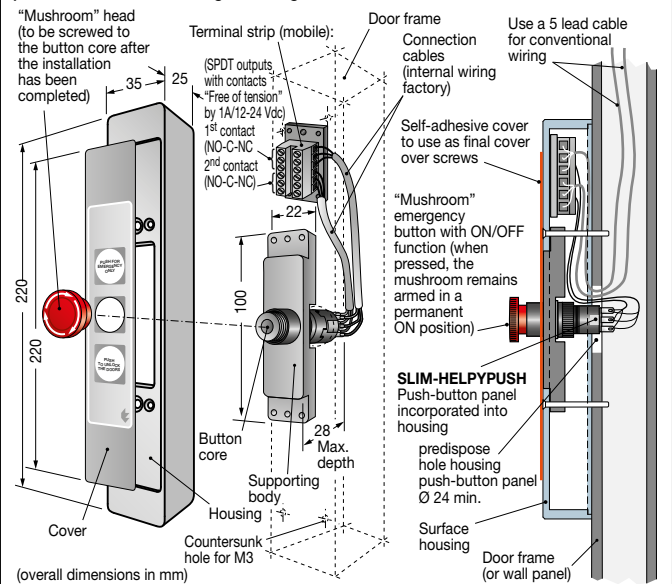
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



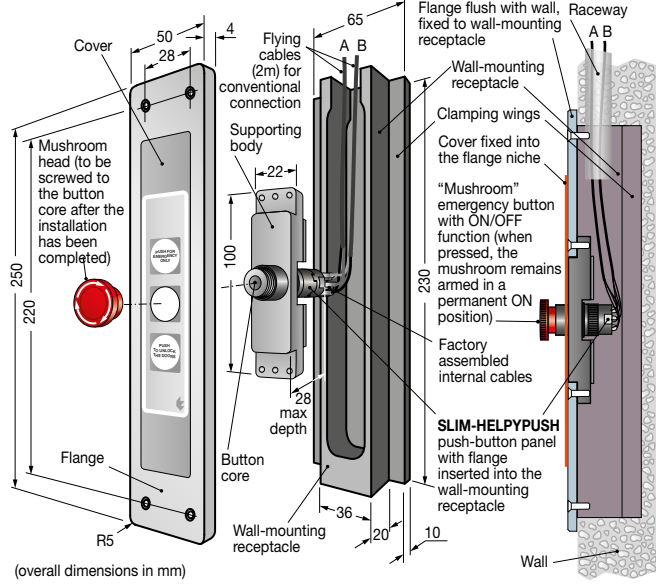
Assembly type 3 traditional fitting with front flange over the lock



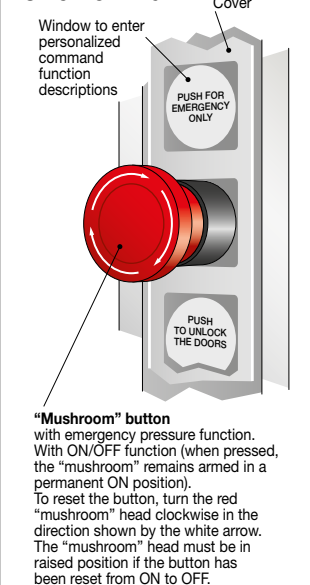
Assembly type 4 for mounting placed on surface using housing



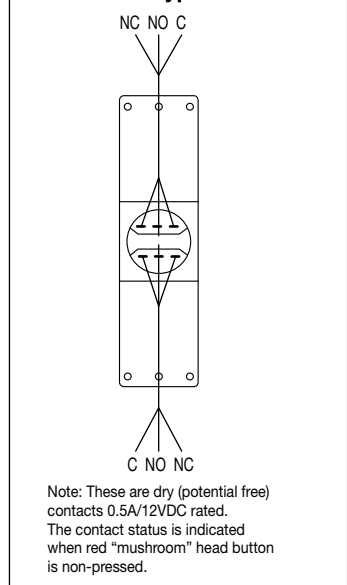
Assembly type 5 for recessed wall mounting with flange and wall box



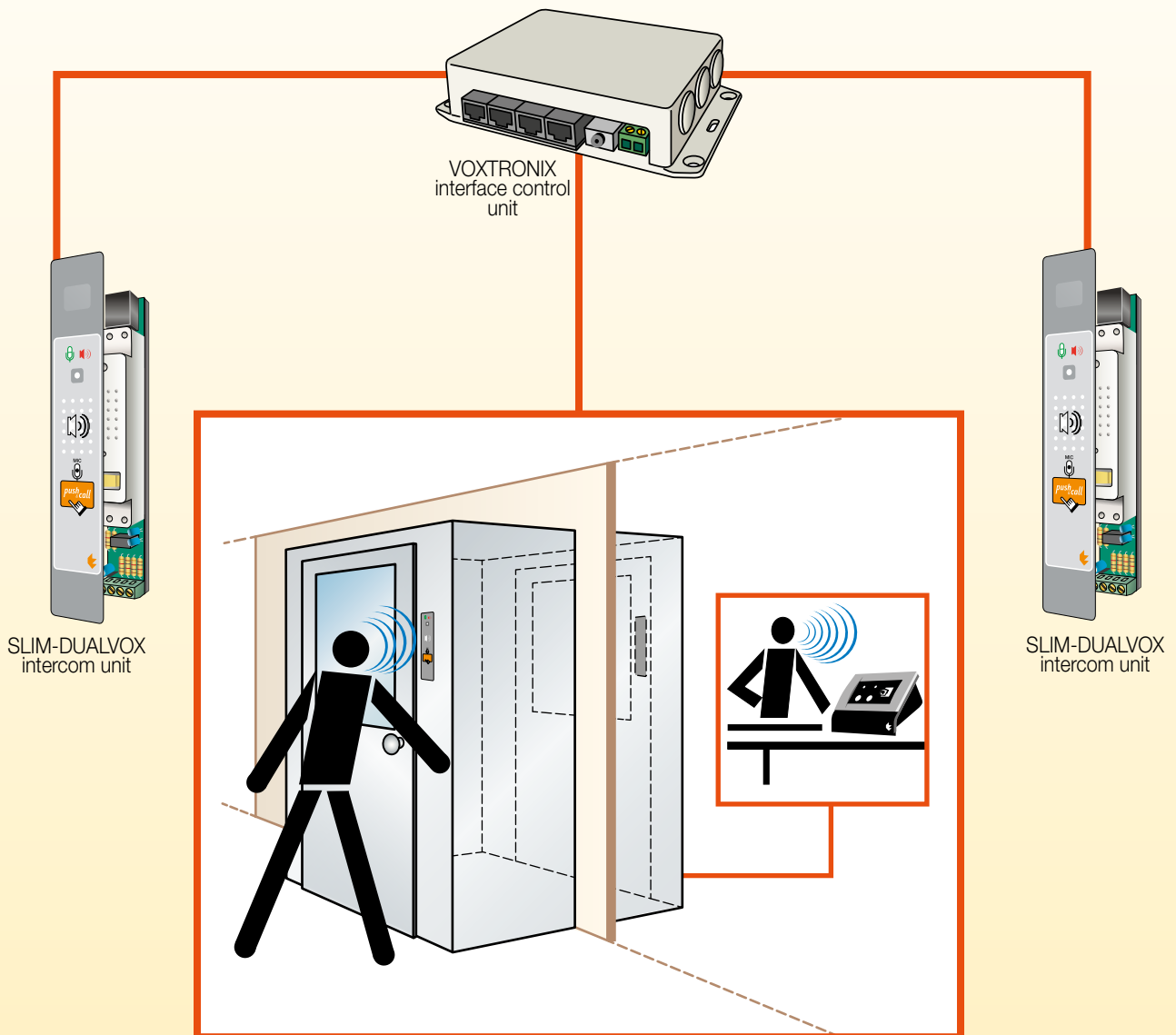
MUSHROOM BUTTON FUNCTIONING



CONNECTION DIAGRAM valid for all 5 types



VOXTRONIX



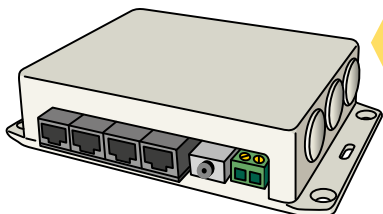
DOOR MANAGEMENT SYSTEMS

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

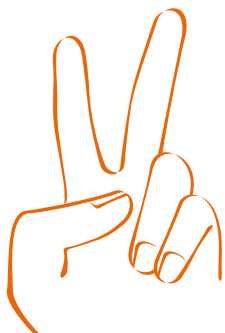


An interface that controls the alternating intercom communications system using "push&call" button. It houses the amplification and volume adjustment circuits; it controls two A and B channels which must be connected to two SLIM-DUALVOX intercoms respectively.

One unit
for **2** different needs

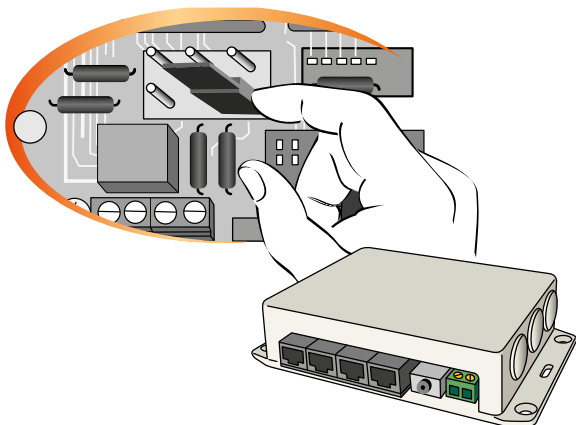
1st It can be instantly programmed thanks to the Jumpers = **MULTISELECT**

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**



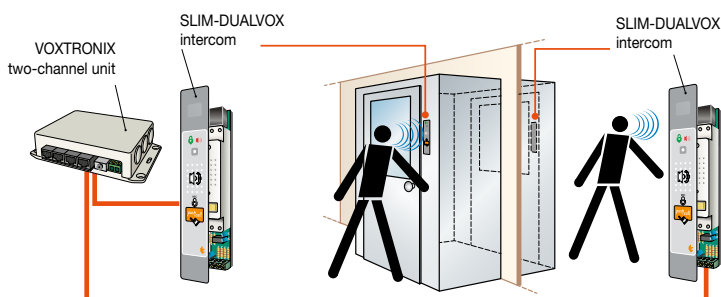
Microprocessor-based VOXTRONIX interface with two channels, to manage 2 SLIM-DUALVOX intercom units.

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.

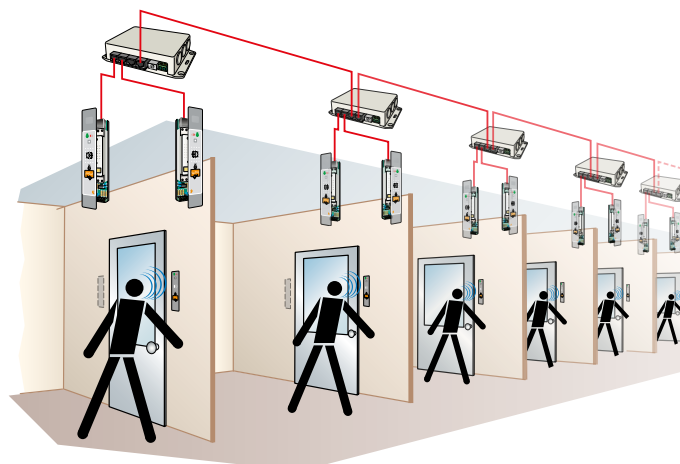
VOXTRONIX in basic configuration



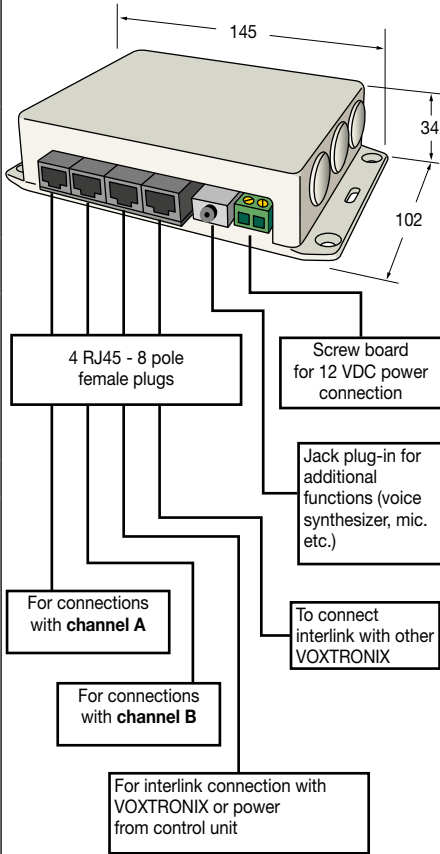
VOXTRONIX is designed to allow the configuration in "cascade" of multiple communication systems of 2... 4... 8... 12 intercom points without limitations.

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, contemporarily to all other points and consequently 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

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.

"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).

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information		Q.ty
MODELS		N°
034968H2W2U*		
* Module only. Other components are needed for operation, see page 57 and page 58.		

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, contemporarily to all other points and consequently the replays too.

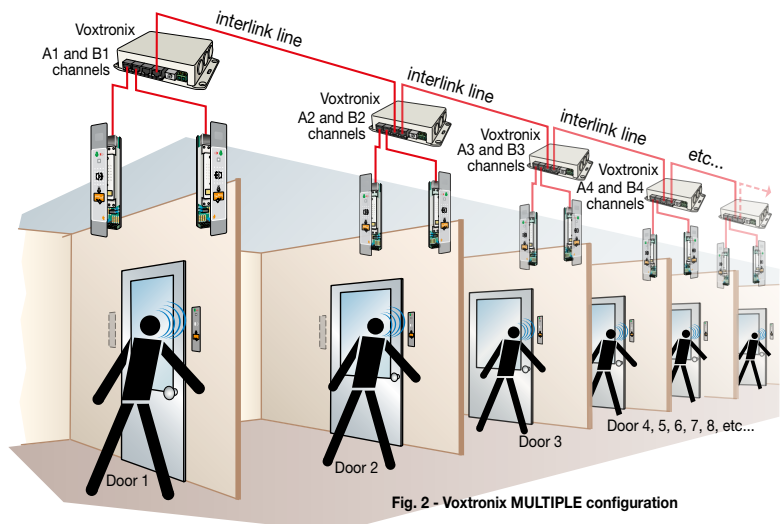



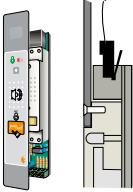
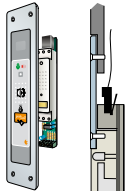
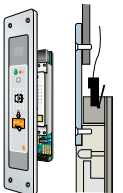
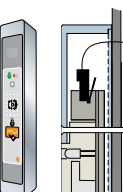
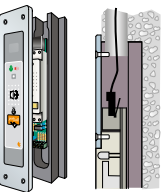


Fig. 2 - Voxtronix MULTIPLE configuration

<h2 style="color: orange;">SLIM-DUALVOX</h2> <h3>INTERCOM UNIT</h3> <p>“Push&call” technology for VOXTRONIX intercom system</p>		Export Product-list January 2018  TECNODIMENSIONE®		
	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.	
	Models for 12 Vdc/70mA power supply		ordering information 	Q.ty
		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 57 and page 58.	
		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 57 and page 58.	
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 57 and page 58.	
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 57 and page 58.	
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 57 and page 58.	
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 (opzionale)		

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 57.

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

Export Product-list
January 2018



TECNODINENSIONE®

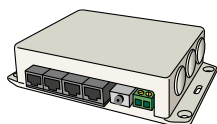
ordering information

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



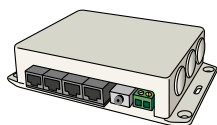
2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



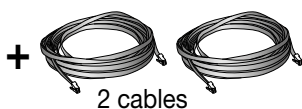
2 listen-talk units
SLIM-DUALVOX type 1

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

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



1 module
Voxtronix



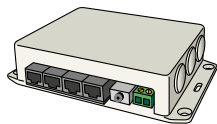
2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



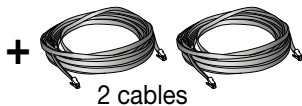
2 listen-talk units
SLIM-DUALVOX type 2

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

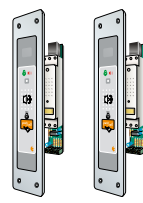
Basic kit configuration for two type-3 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



1 module
Voxtronix



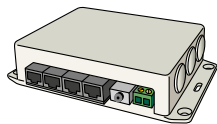
2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



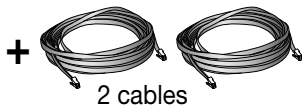
2 listen-talk units
SLIM-DUALVOX type 3

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

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



1 module
Voxtronix



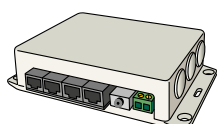
2 cables
MASTERWIREX
standard length 10 mt.
(other lengths on request)



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

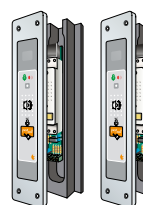
Basic kit configuration for two type-5 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 55)



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

The MULTIVOXTRONIX configuration with 4, 6, 8 or more speak-listen stations (see fig. 2, page 55) is the sum of the aforesaid BASIC KITS (with 2 stations).

FLAT-DUALUX ultra-slim

ULTRA-SLIM STOP/GO DISPLAY
for easy installation

with technology

innovation

FLAT-DUALUX
ultra-slim stop/go display

**DRILL &
GO**
Cut-Free®



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.

DOOR MANAGEMENT SYSTEMS



TECNODINENSIONE
security with style

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**

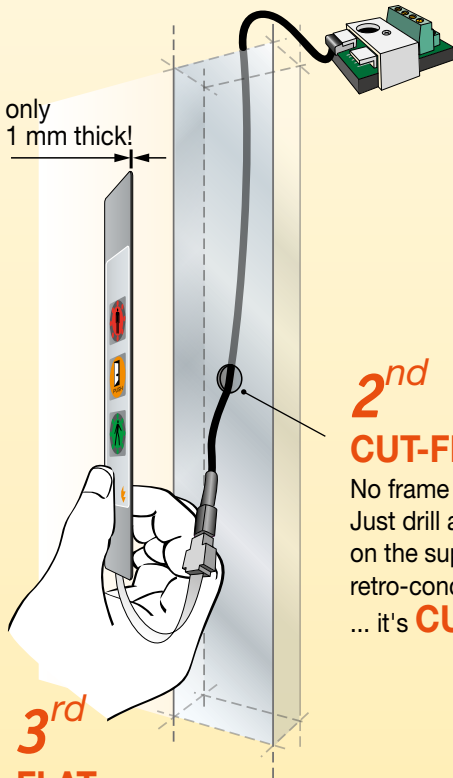
3rd ultra-slim, bendable, virtually "without thickness" (just 1 mm!) for fully-aligned installation self-adhesive on any smooth frame surface with even shaped and narrow profiles = **FLAT**

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

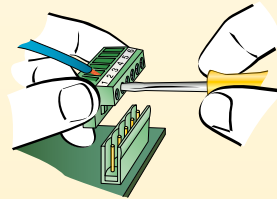
PERFECT FOR SMOOTH ULTRA-SLIM DOOR FRAMES



innovation



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...

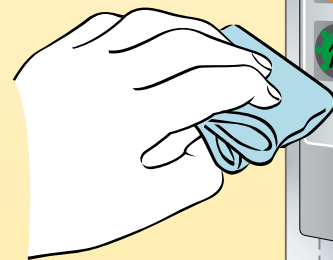
... it's **CUT-FREE**

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 necessarily plane as long as they are smooth and suitable to self-adhere...

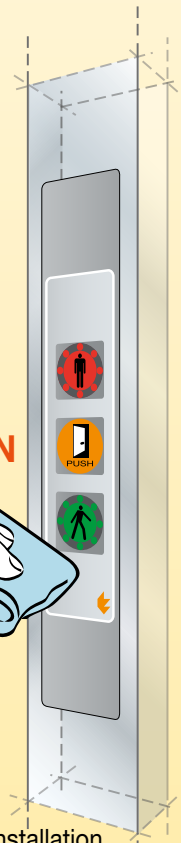
... it's **FLAT!**

4th
CLEAN



FLAT-DUALUX self-adhesive installation "flush-aligned" is smooth and roughness-free ... easily cleanable with any proper detergent...

... it's **CLEAN!**





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.

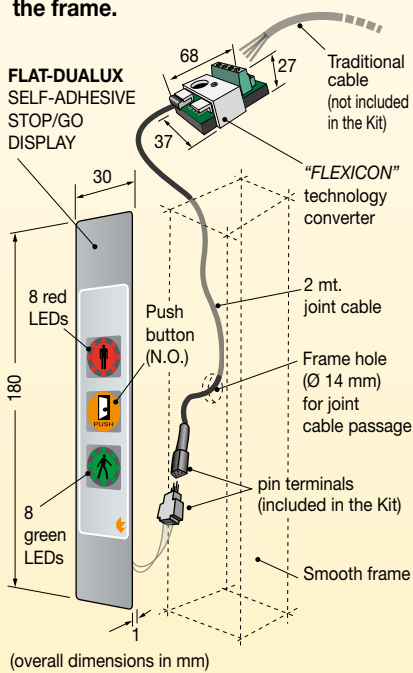


A SINGLE UNIT FOR 2 TYPES OF UNIVERSAL INSTALLATION

Type 6

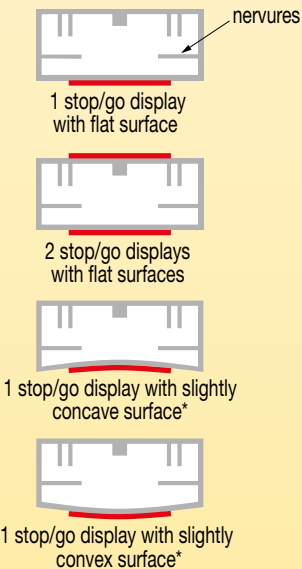
"FULLY-ALIGNED"

ultra-slim for self-adhesive installation on smooth surfaces without cutting the frame.



No cutting or work on the internal frame nervures

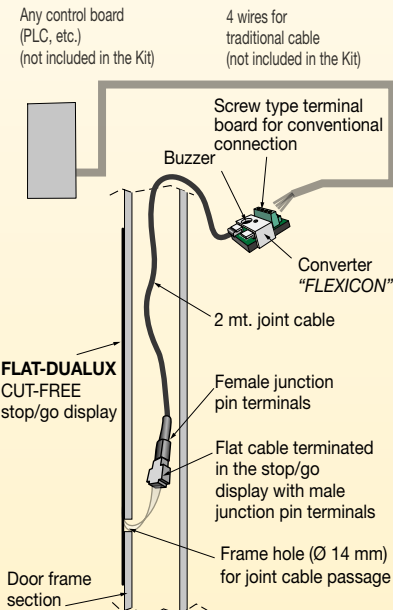
compatible smooth surfaces



*to be checked case by case

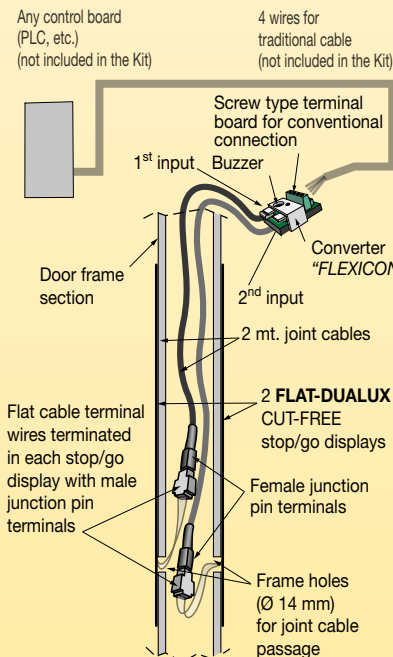
Kit 1 for one door - for example "pass box"

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

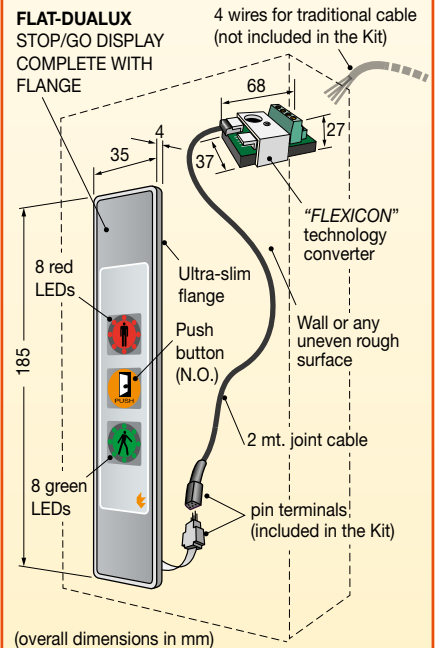


Kit 2 for one door - for example "interlocking system"

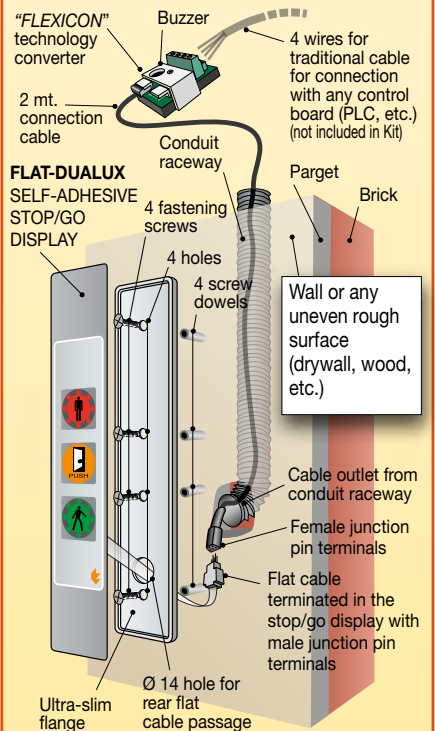
- composed of:
- n. 2 FLAT-DUALUX stop/go displays (type 6 or 7)
- n. 2 joint cables
- n. 1 "FLEXICON" converter



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



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





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.

Ordering information



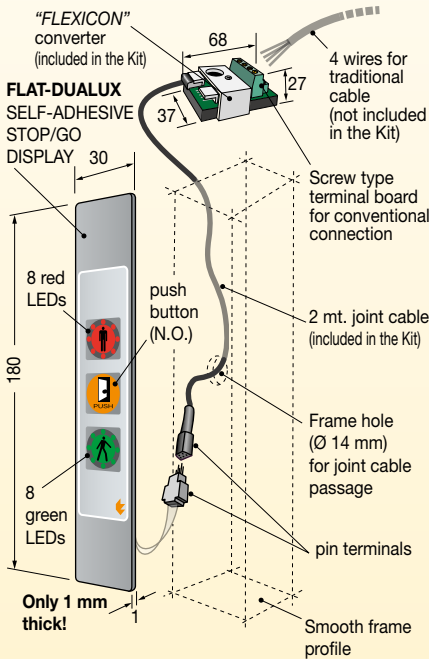
Q.ty

MODELS

N°

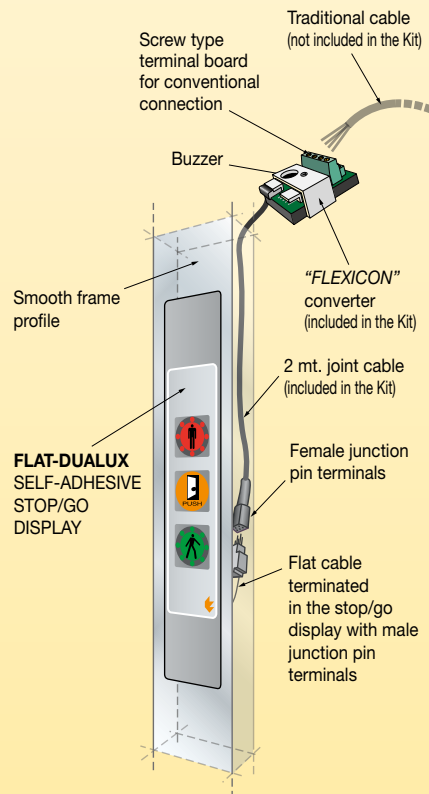
FLAT-DUALUX CUT-FREE ultra-slim with "FLEXICON" technology

Type **6** "fully aligned"



(overall dimensions in mm)

EXAMPLE OF "FULLY ALIGNED" APPLICATION



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 necessarily 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, only 1mm!)
- 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)
034986CMF4K2
(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

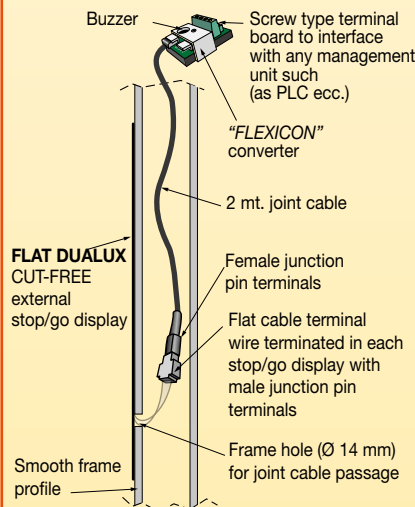
STANDARD EQUIPMENT

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)

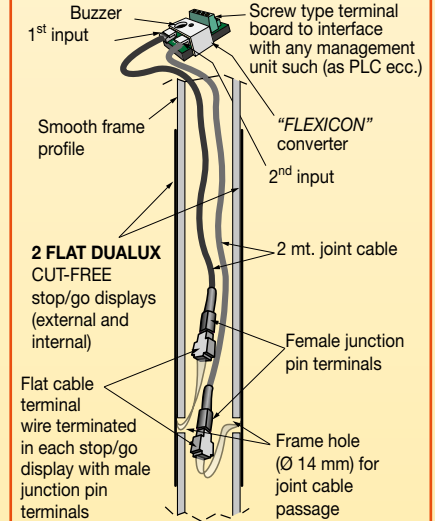


Kit 2 for "interlock" type door

- 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)

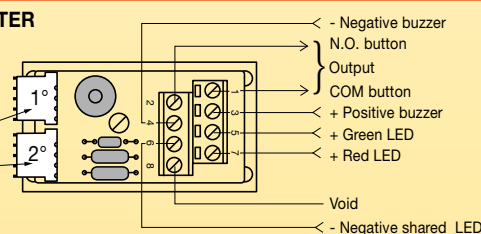


FLEXICON CONVERTER WIRING DIAGRAM

Female junction PIN input for connection cable

1st = for first stop/go display (kit1)

2nd = for additional second stop/go display (kit2)



Terminal board outputs for conventional wiring with any control board (PLC, etc.)



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

Ordering information



Q.ty

MODELS

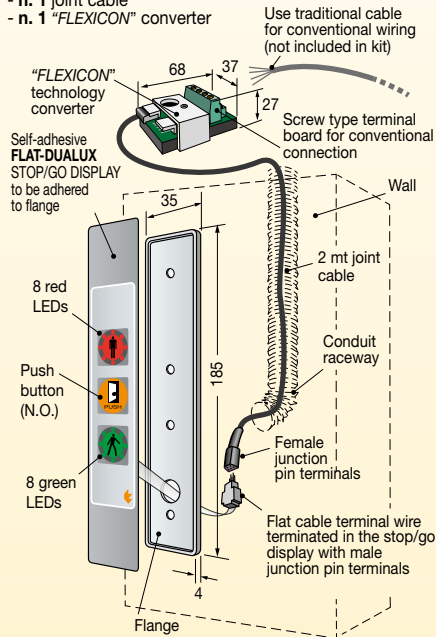
N°

Type 7 on the "SAME PLANE"

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

composed of:

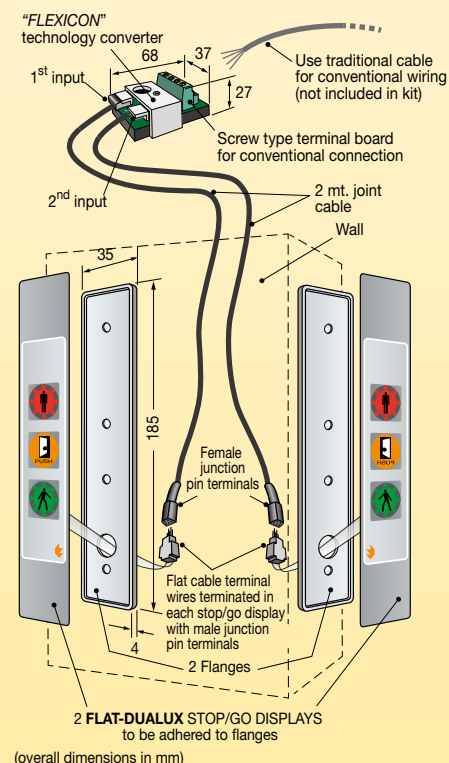
- n. 1 FLAT-DUALUX type 7 stop/go display with silver coloured anodised aluminium flange
- n. 1 joint cable
- n. 1 "FLEXICON" converter



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



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.

034987CMF4K1
(complete Kit 1)

Kit 2 same characteristics as the model above but for a 24Vdc/80 mA power supply.

034987CMF4K2
(complete Kit 2)

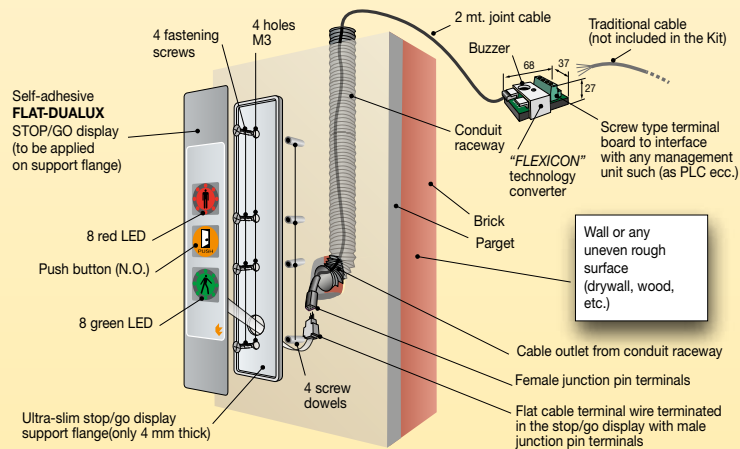
Special configurations available at extra charge

- 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.

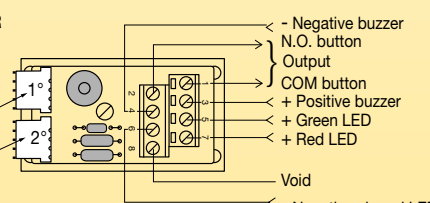
Example of FLAT-DUALUX type 7 stop/go display application complete with ultra-slim support flange for uneven surfaces



FLEXICON CONVERTER WIRING DIAGRAM

Female PIN input for joint cable

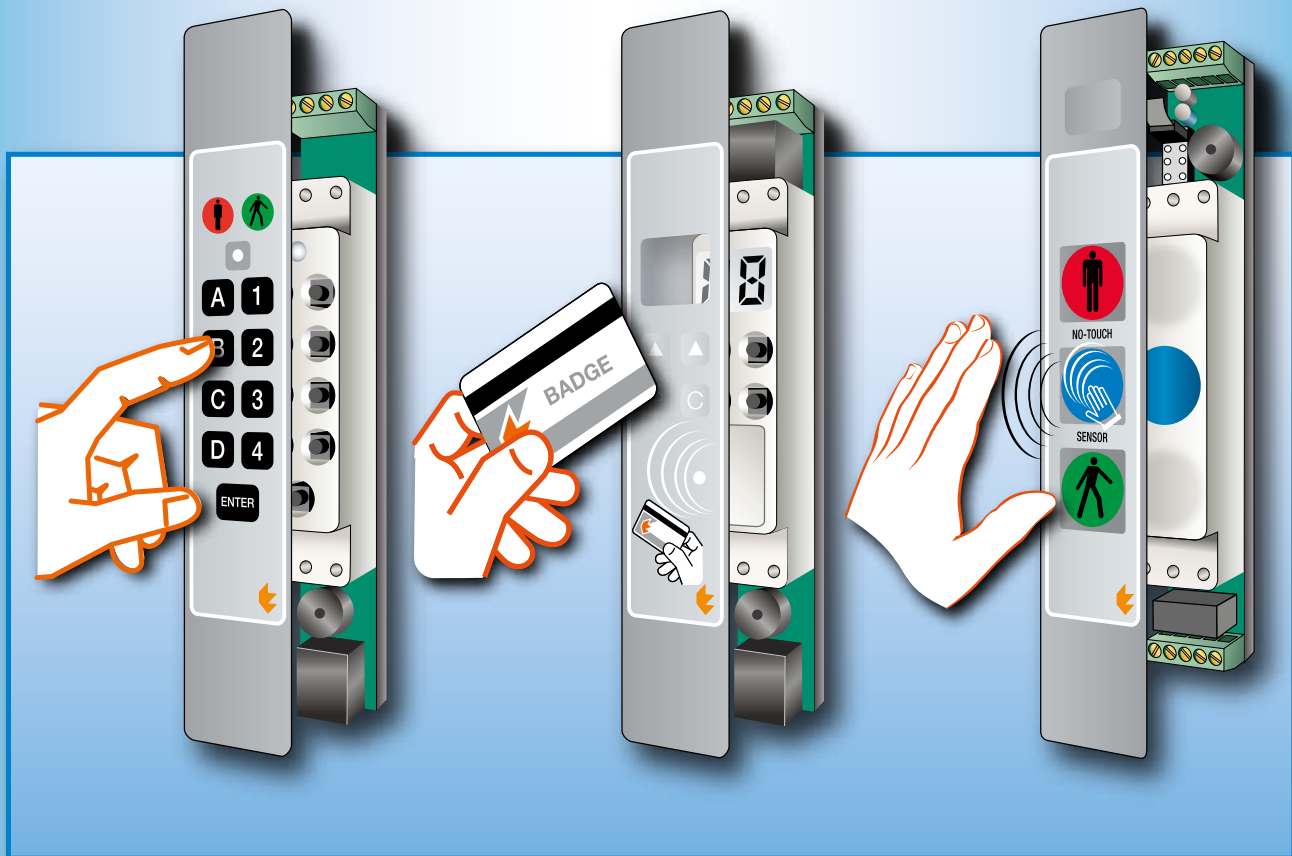
- 1st = for first stop/go display (Kit 1)
- 2nd = for additional second stop/go display (Kit 2)



Terminal board for conventional wiring to any control board (PLC, etc.)



ACCESS CONTROL SYSTEMS





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

Alphanumerical
keypads
SLIM-CODEGUARD



Proximity
badge readers
SLIM-PASSGUARD



Micro stand-alone
control unit
SLIM-HANDTRONIX

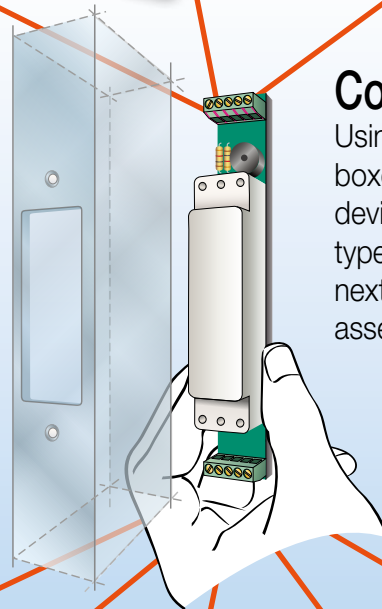


Unified module because....

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...

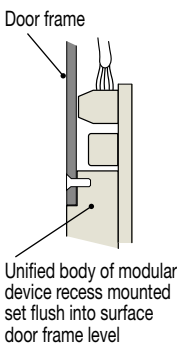
Using unified flanges, cases and boxes, any unified SLIM & MODULAR device is convertible into 5 different types that can be installed in any way, next to the door, based on the assembly needs found in the field.



Assembly type

1

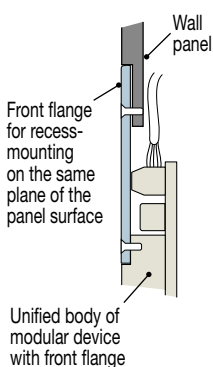
fully aligned concealed
for recess-mounting
without flange
on the same plane of
the door frame panel



Assembly type

2

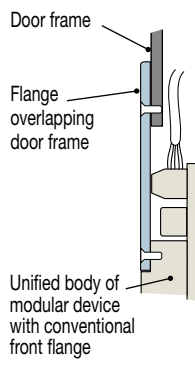
fully aligned at milling
for recess-mounting
with front flange
on the same plane
of the panel surface



Assembly type

3

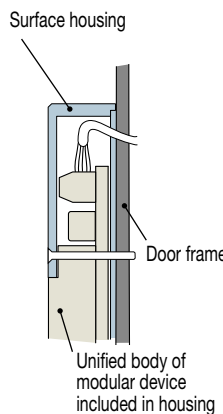
for conventional flush mounting
with front flange
overlapping door frame



Assembly type

4

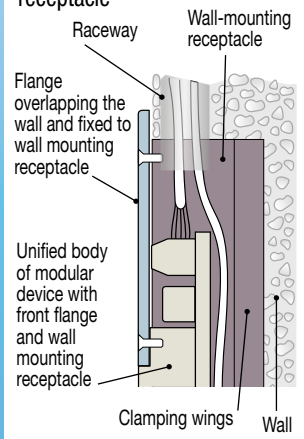
for surface mounting
with using housing



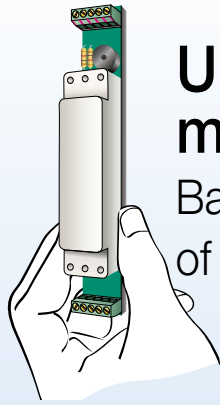
Assembly type

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
SLIM-CODEGUARD

for authorised accesses by typing access codes only.

Proximity badge readers
SLIM-PASSGUARD

for authorised accesses via personal touch badge only.

Stop and Go micro stand-alone control unit
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.

<p>Assembly type 1</p> <p>fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel</p>	<p>Assembly type 2</p> <p>fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface</p>	<p>Assembly type 3</p> <p>for conventional flush mounting with front flange overlapping door frame</p>	<p>Assembly type 4</p> <p>for surface mounting with using housing</p>	<p>Assembly type 1</p> <p>for recessed wall-mounting with flange and wall-mounting receptacle</p>
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SLIM-CODEGUARD PROFESSIONAL CODE KEYPAD

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TECNODIMENSIONE®



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

Alphanumeric 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 alphanumeric 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.

Ordering information

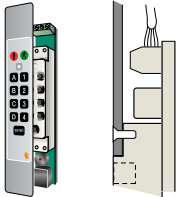
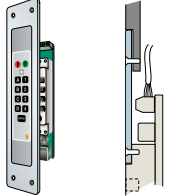
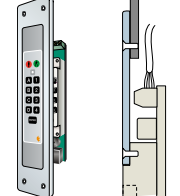
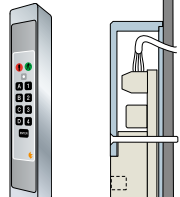
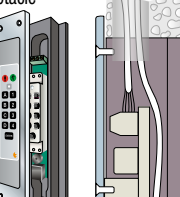


Q.ty

Models for 12 VDC power supply

MODELS

N°

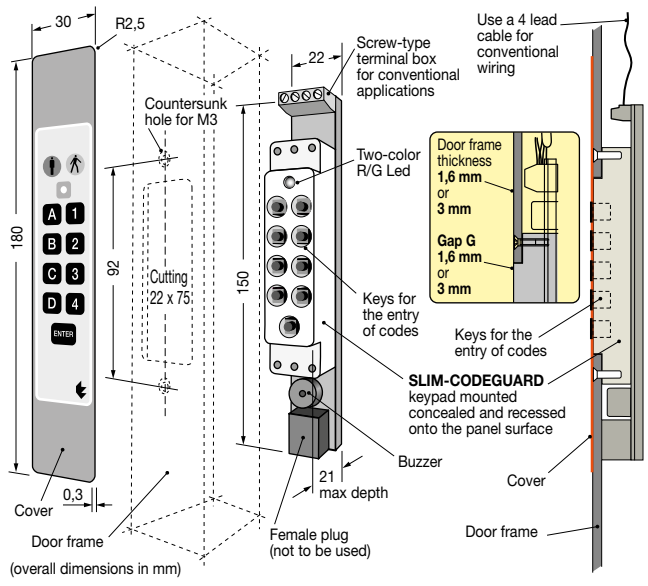
<p>Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel *</p> 	<p>SLIM-CODEGUARD access code keypad type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "smooth" 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.</p> <p>Same with front panel and gap G for sections with a thickness of 3 mm.</p>	<p>034991NM2U</p>		
<p>Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ♦</p> 	<p>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.</p>	<p>034992NM2U</p>		
<p>Assembly type 3 for conventional flush mounting with front flange overlapping door frame</p> 	<p>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.</p>	<p>034993NM2U</p>		
<p>Assembly type 4 for surface mounting with using housing</p> 	<p>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.</p>	<p>034994NM2U</p>		
<p>Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle</p> 	<p>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.</p>	<p>034995NM2U</p>		

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

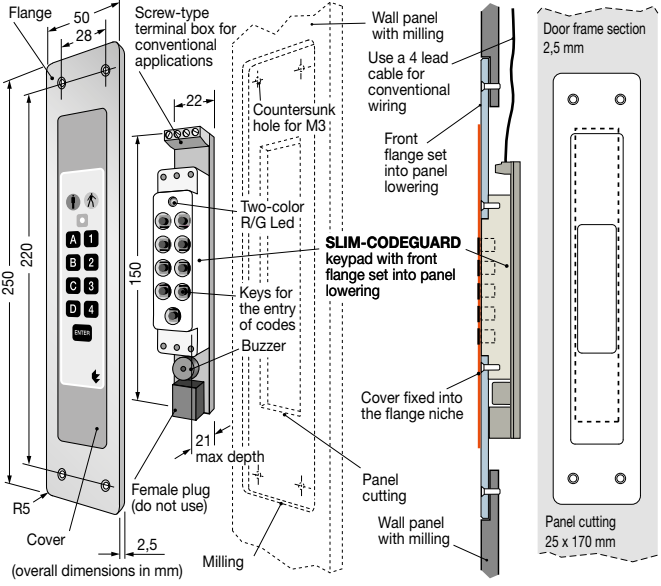
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 68

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

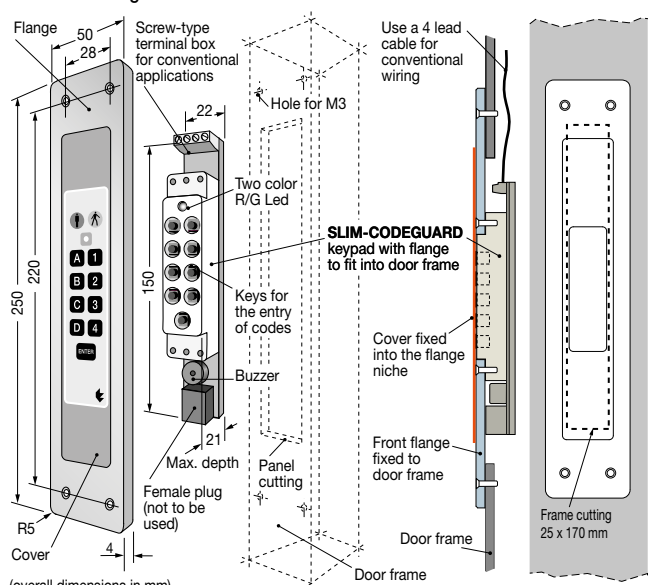
Assembly type 1 total alignment, lock recessed into surface without flange



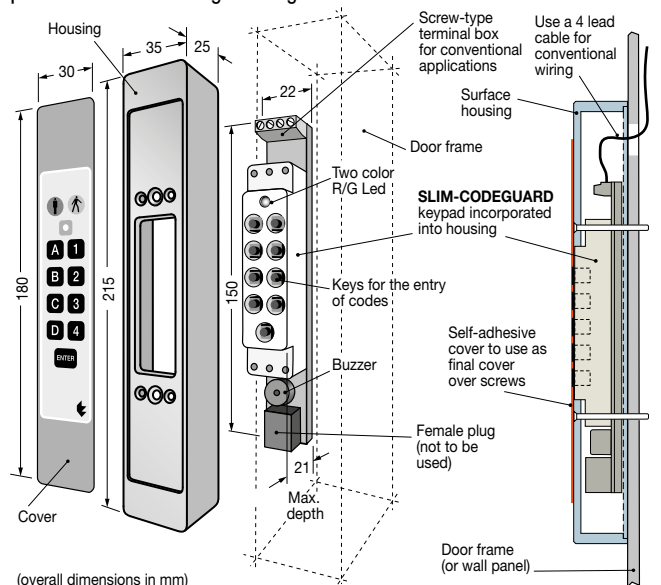
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



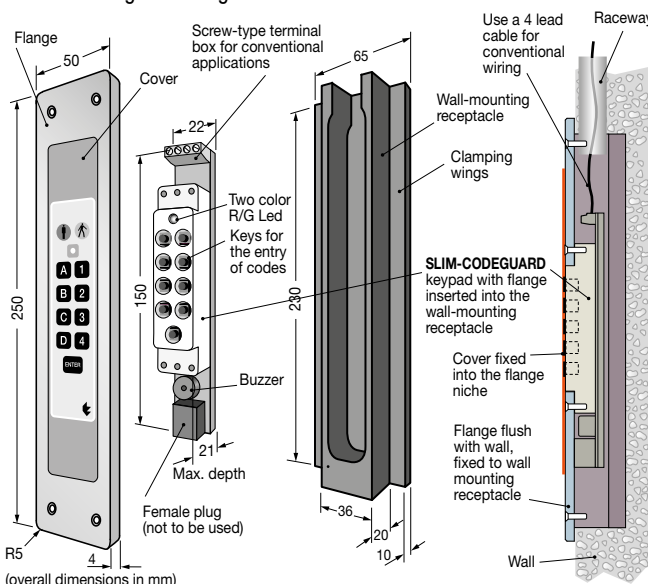
Assembly type 3 traditional fitting with front flange over the lock



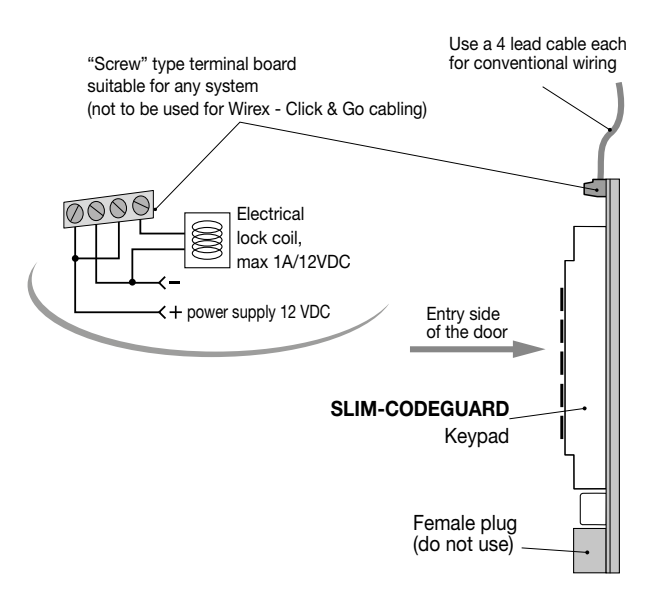
Assembly type 4 for mounting placed on surface using housing



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



CONNECTION DIAGRAM valid for all 5 types



SLIM-PASSGUARD

PROFESSIONAL PROXIMITY BADGE READERS

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January 2018



TECNODIMENSIONE®

Ordering information

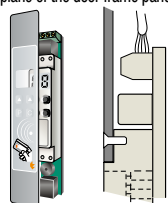
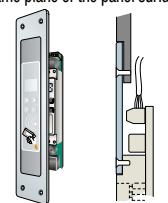
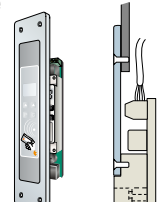
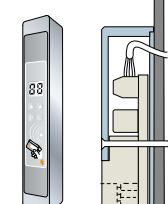
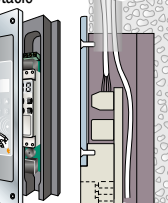


Q.ty

Models for 12 VDC power supply

MODELS

N°

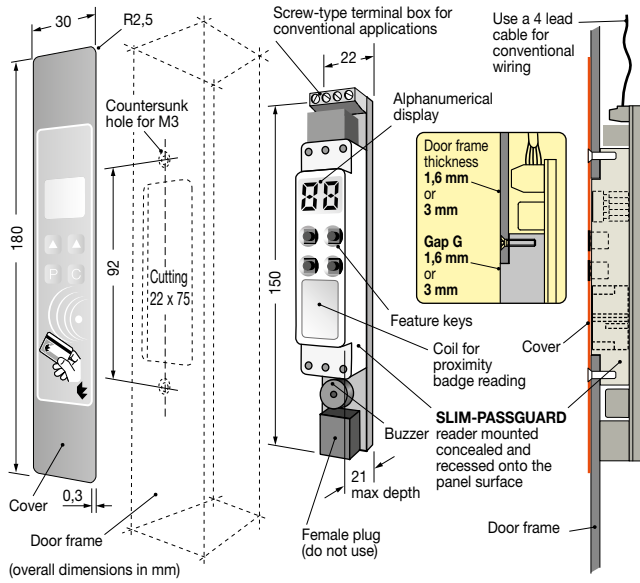
<p>Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel *</p> 	<p>SLIM-PASSGUARD proximity badge reader type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "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.</p> <p>Same with front panel and gap G for sections with a thickness of 3 mm.</p> <p>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.</p>	<p>034991TM2U</p> <p>034991TM2U3</p> <p>-----X</p>	<p>on request</p>	
<p>Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆</p> 	<p>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.</p> <p>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.</p>	<p>034992TM2U</p> <p>-----X</p>	<p>on request</p>	
<p>Assembly type 3 for conventional flush mounting with front flange overlapping door frame</p> 	<p>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.</p> <p>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.</p>	<p>034993TM2U</p> <p>-----X</p>	<p>on request</p>	
<p>Assembly type 4 for surface mounting with using housing</p> 	<p>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.</p> <p>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.</p>	<p>034994TM2U</p> <p>-----X</p>	<p>on request</p>	
<p>Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle</p> 	<p>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.</p> <p>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.</p>	<p>034995TM2U</p> <p>-----X</p>	<p>on request</p>	
	<p>Proximity badge in plastic, size DIN 86 x 54 mm (type credit card with Tecnodimensione logo)</p>	<p>034990T</p>		

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

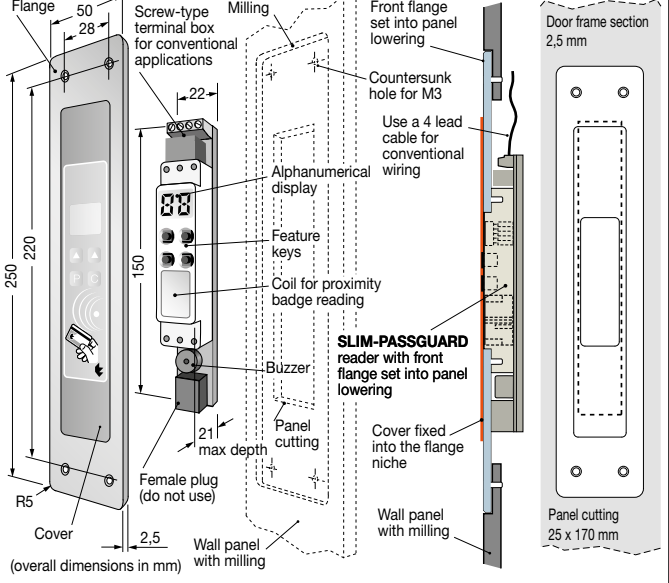
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 70

SLIM-PASSGUARD BADGE READERS - sizes, application examples and connection diagram

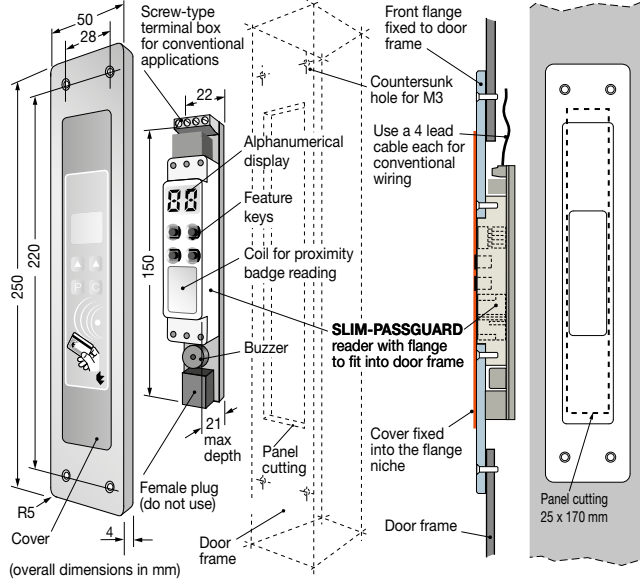
Assembly type 1 total alignment, lock recessed into surface without flange



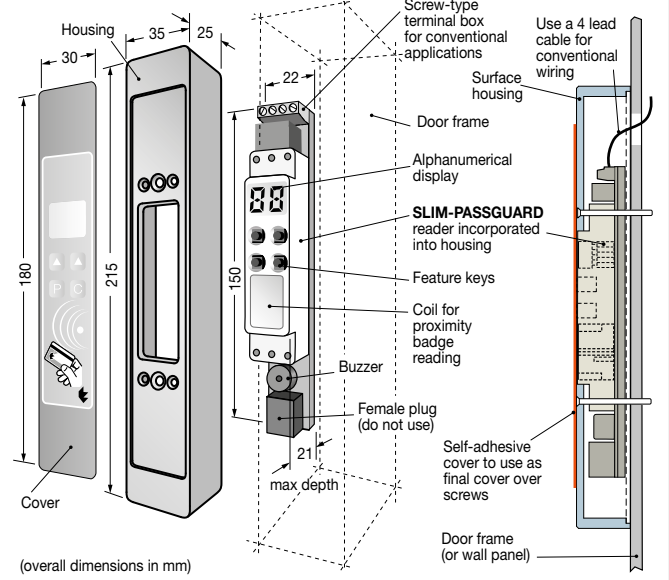
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



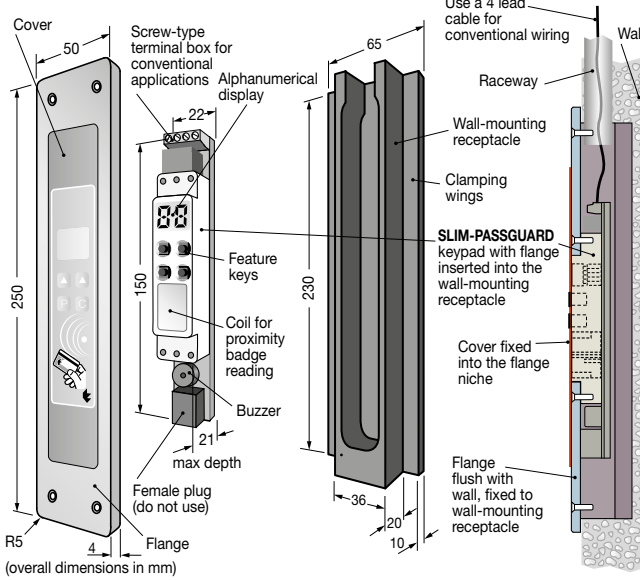
Assembly type 3 traditional fitting with front flange over the lock



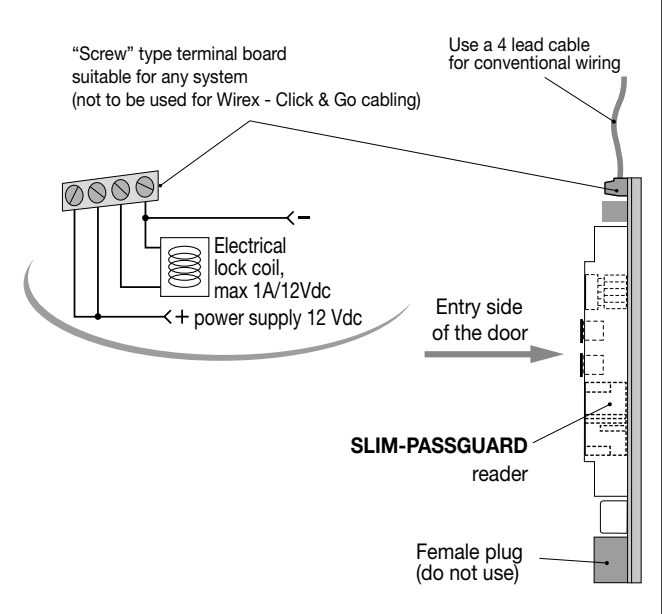
Assembly type 4 for mounting placed on surface using housing

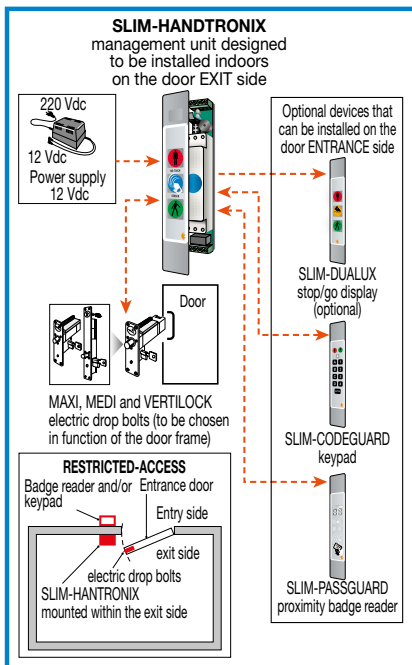


Assembly type 5 for recessed wall mounting with flange and wall box



CONNECTION DIAGRAM valid for all 5 types





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 preset 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 readair 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

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information



Q.ty

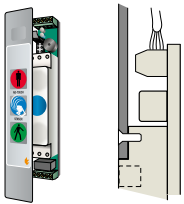
Models for 12 Vdc power supply

MODELS

N°

Assembly type 1

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



SLIM-HANDTRONIX stand alone 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 "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.**

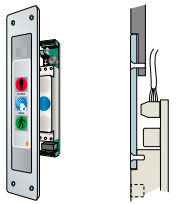
034991HM

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 ◆



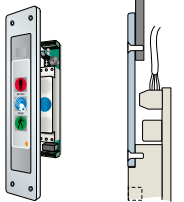
SLIM-HANDTRONIX stand alone unit type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence 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.

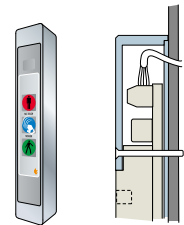
Cover pre-assembled and fixed into the flange niche.

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.

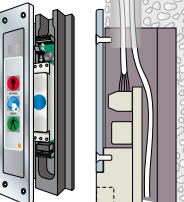
Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame.

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.

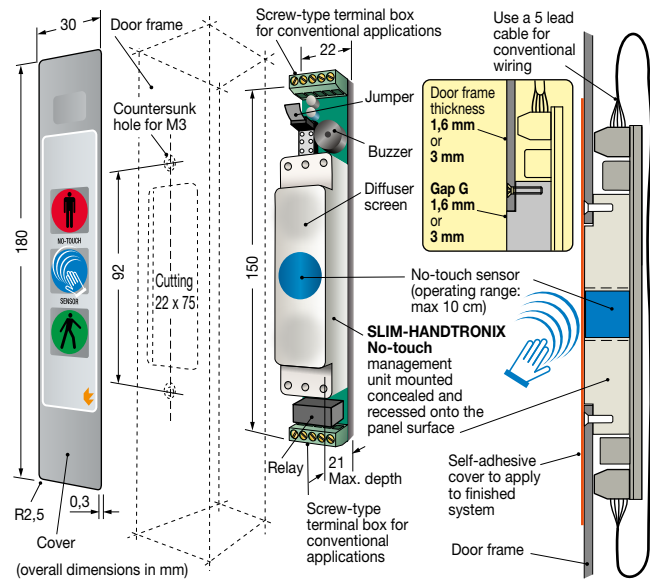
034995HM

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

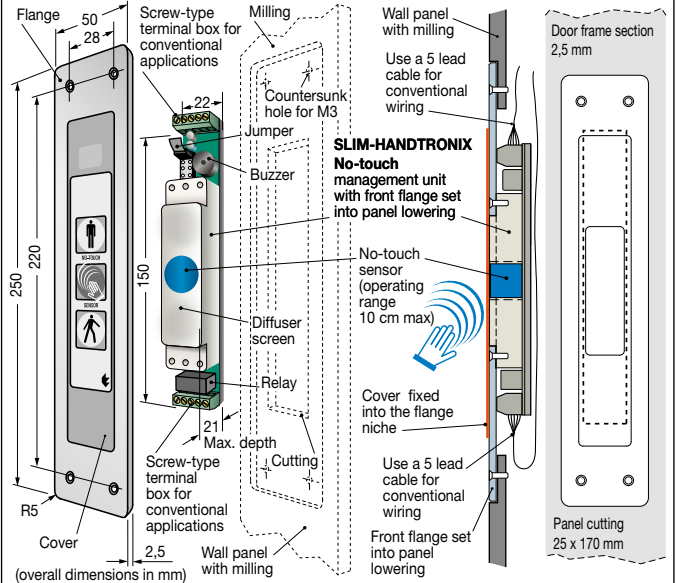
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 73

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

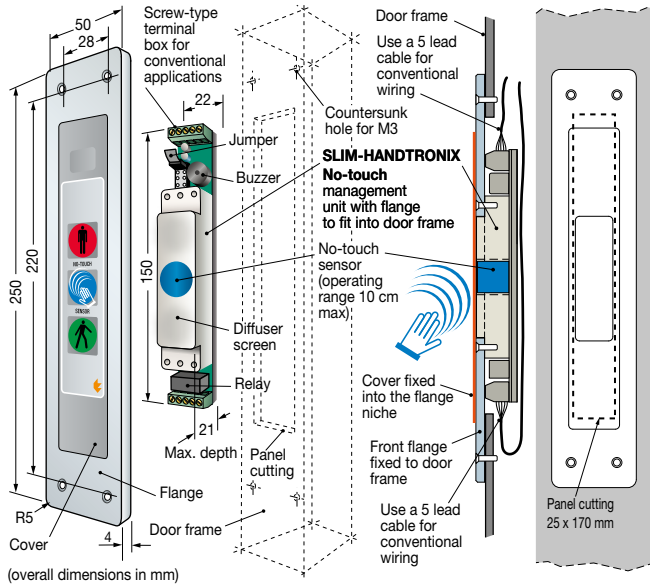
Assembly type 1 total alignment, lock recessed into surface without flange



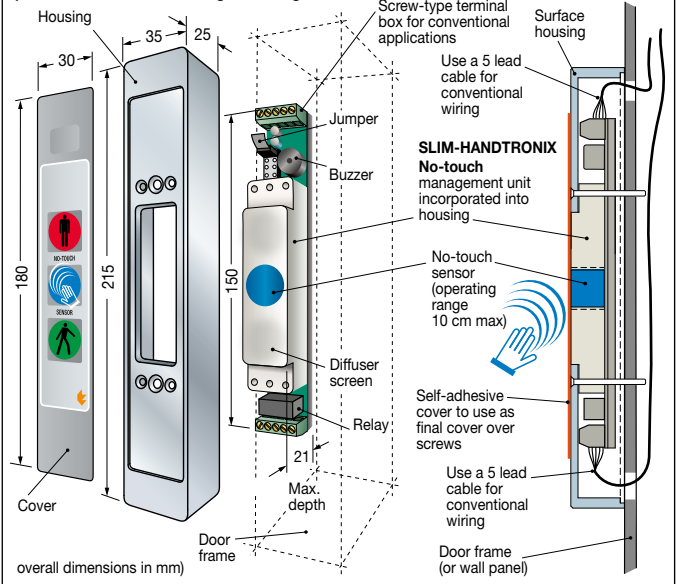
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



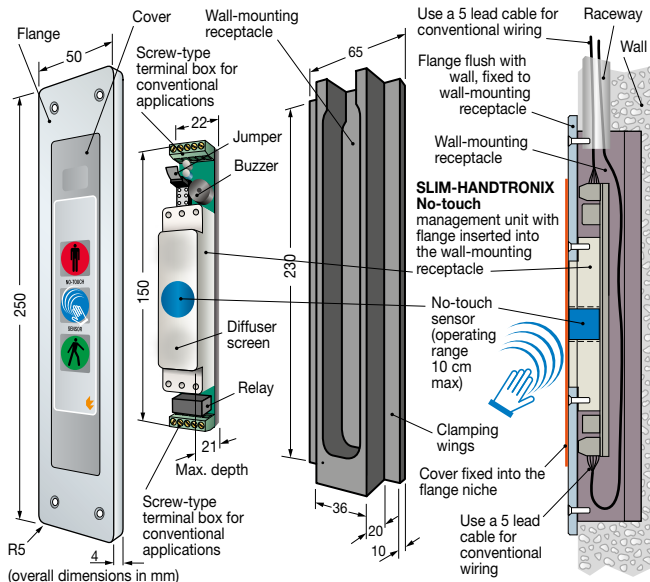
Assembly type 3 traditional fitting with front flange over the lock



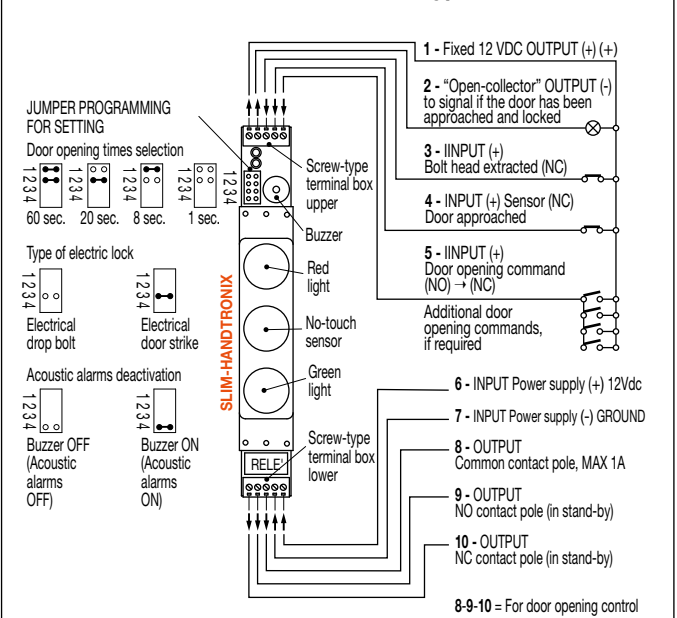
Assembly type 4 for mounting placed on surface using housing



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



CONNECTION DIAGRAM valid for all 5 types



TECNODIMENSIONE PROFESSIONAL ANCILLARIES FOR INSTALLATION

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

DEVICES

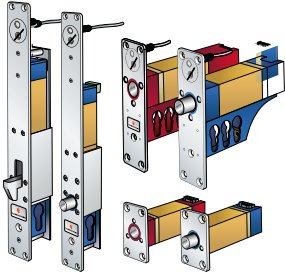
STOP/GO DISPLAYS

INTERCOMS
ALPHANUMERICAL
KEYPADS,
BADGE READERS



ELECTRICAL LOCKS

ELECTRICAL DROP BOLTS

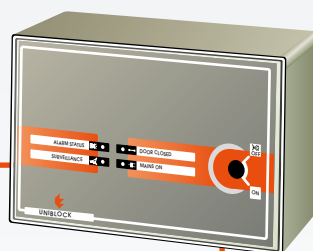
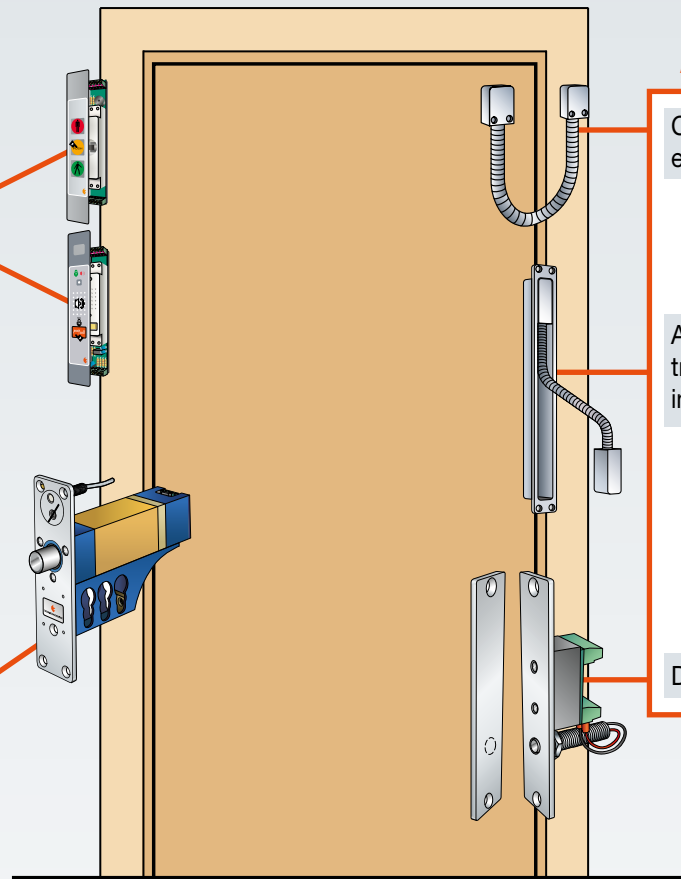


ANCILLARIES

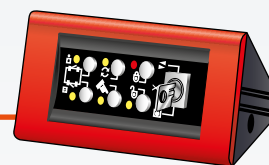
Cable transfer
external

Alternatively cable
transfer "concealed"
internal

Door status sensor



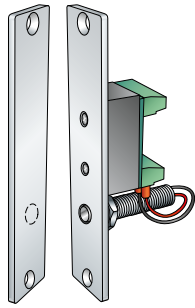
Control unit



Desktop console
for door opening



ANCILLARIES FOR INSTALLATION



PROFESSIONAL PROXIMITY SENSORS TO MONITOR DOOR STATUS

SLIM-PROXY

MAGNETIC REED SENSOR

with screw-type terminal board for conventional cabling

Export Product-list

January 2018



TECNODIMENSIONE®

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

Ordering information



Q.ty

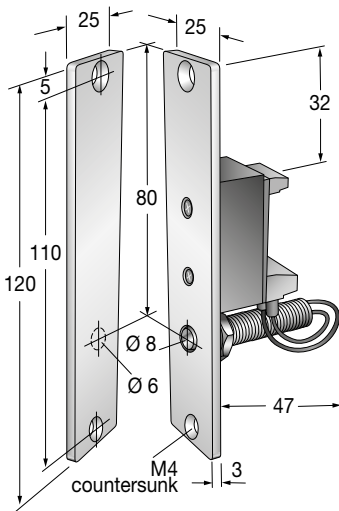
MODELS

N°

SLIM-PROXY

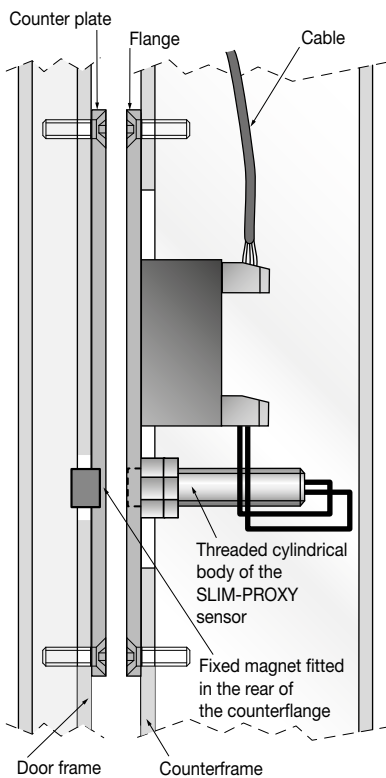
For recess mounting

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).



(overall dimensions in mm)

EXAMPLE OF IMMEDIATE ASSEMBLY



Models for 12 Vdc power supply

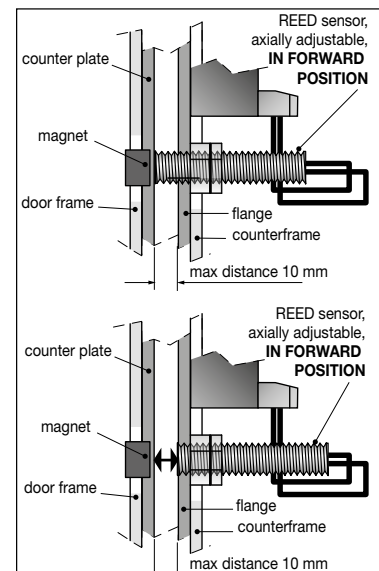
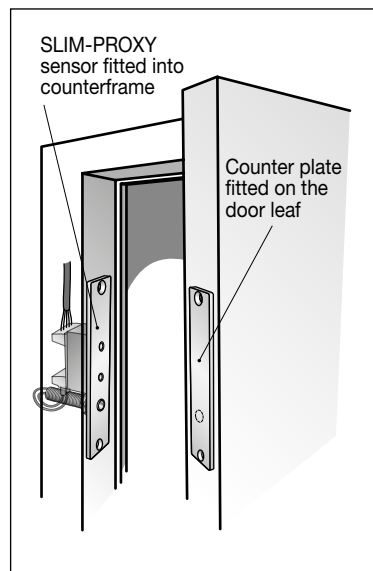
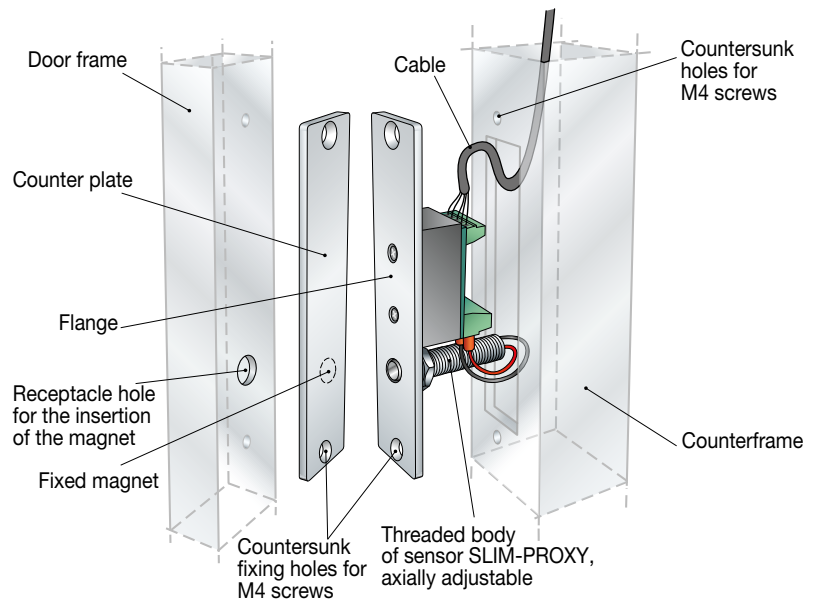
Reed sensor for fitting SLIM-PROXY with screw-on terminal with conventional cabling for any system for controlling door shutting (adjustable on the axis).

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

EXAMPLE OF CONNECTING THE SLIM-PROXY PROXIMITY SENSOR



ANCILLARIES FOR INSTALLATION


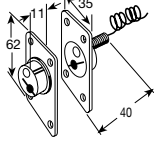
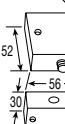
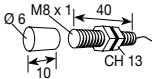
Export Product-list

January 2018

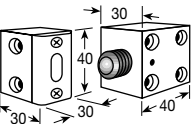
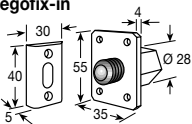


TECNODIMENSIONE®

PROFESSIONAL PROXIMITY SENSORS TO MONITOR DOOR STATUS

		Ordering information		Q.ty
				
		MODELS		N°
<p>REGOPLUS® & PROXY SENSORS WITH "HIGH FLOW" MAGNETIC REED CONTACTS</p> <p>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.</p>		SERIES		
<p>REGOPLUS</p> 	<p>Door monitoring proximity contact for flush mounting, set composed of 2 chromium-coated brass face-plate adapter to be fitted into the frame of the door, with built-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.</p>	REGOPLUS®	032111DF3	
<p>PROXY</p> 	<p>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.</p>	PROXY	0020705D	
<p>"SIMPLIFIED" execution</p> 	<p>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.</p>		032111	

SNAP-IN RETAINERS/POSITIONING DEVICE FOR DOOR CLOSING

<p>REGOFIX THE MECHANICAL DOOR FIXING DEVICE</p> <p>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.</p>				
<p>Regofix</p> 	<p>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.</p>		004915AF	
<p>Regofix-in</p> 	<p>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.</p>		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)

Export Product-list
January 2018



TECNODINENSIONE®

Ordering information



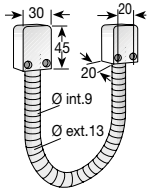
Q.ty

SERIES

MODELS

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 aluminium type natural "silver" coloured = F.

"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 aluminium conduit terminals, dark brown "coloured" = N.

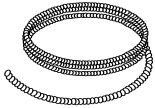
MEDICABLEX

031301F

MEDICABLEX

031301N

"Bulk" flexible conduit



Flexible cable protective conduit "in bulk" (one skein 10 mt long) to be cutted to pieces.

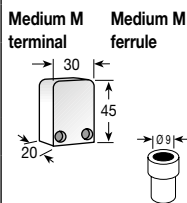
"Medium gauge" flexible protective cable conduit, zinc-coated metallic type. External diameter Ø 13mm internal diameter Ø 10mm (measured without ferrules)

031305Z

(10 mt skein)

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 aluminium massive block and anodized in natural "silver" colour.

"Medium gauge" conduit terminal M as above but "dark brown" coloured.

"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.

031309F

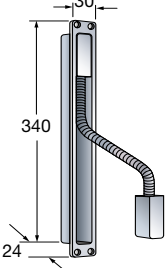
031309N

031313B

(set of 10 pc)

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 aluminium, anodized in natural "silver" colour = F. Universal version to be installed either into door-frame or opposite way into the door.

CABLEX-IN

031302F

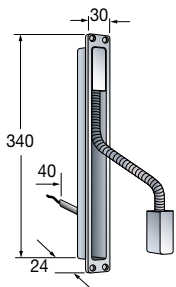
"Concealed" cable transfer protective set composed as above mentioned but with anodized aluminium housing "dark brown" coloured = N.

CABLEX-IN

031302N

Cable transfer set

CABLEX-IN sensorized



"SENSORIZED" TYPE

with built-in inaccessible 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 aluminium, anodized in natural "silver" colour = F. Special "sensorized" version with built-in "inaccessible" proximity reed sensor with output SPDT changeover dry contact 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.

CABLEX-IN

031302FZ

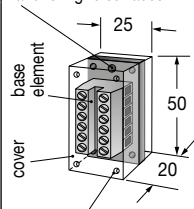
"Concealed" cable transfer protective set composed as above mentioned but with anodized aluminium housing "dark brown" coloured. Special "sensorized" version as above mentioned.

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

POWERBLOCK PROFESSIONAL POWER SUPPLIES

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January 2018



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 threshold 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

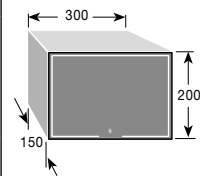


Q.ty

MODELS

N°

MINI-POWERBLOCK metallic housing version



POWER UNITS HOUSED IN HEAVY DUTY METAL CABINET FOR WALL MOUNTING
- door locked by screw. Compartment to hold 1 medium - size battery 6Ah/12Vdc (or 2 batteries x 1,9 Ah).

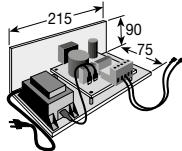
Power unit with built-in electronic battery charger, housed in heavy duty metal cabinet. Output for 12Vdc/2,7Amps total charge. Complete with "sealed type" safety transformer equipped with built-in autoresettable "thermal protection device" at 110 °C threshold switching. With 1,5 mt cable with europlug for 230Vac/50÷60Hz mains.

Power unit with built-in electronic battery charger, housed in heavy duty metal cabinet. Output for 24Vdc/1,5Amps total charge. Complete with "sealed type" safety transformer equipped with built-in autoresettable "thermal protection device" at 110 °C threshold switching. With 1,5 mt cable with europlug for 230Vac/50÷60Hz mains.

034770A

034771A

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 built-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.

Battery charger-stabilized rectified unit 24Vdc/1,5A total charge. Complete with "sealed type" safety transformer equipped with built-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.

S034770G

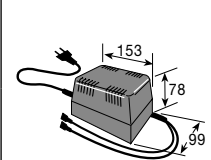
S034771G

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.

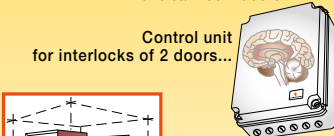
034779B21

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

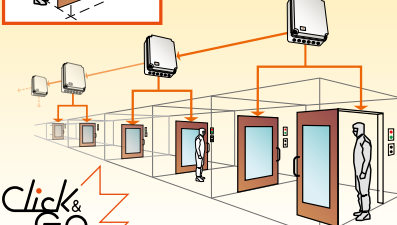
(devices and systems for the management of clean room doors)

PHARMATRONIX
microprocessor-based
PROFESSIONAL TECNODIMENSIONE CONTROL UNIT
is the brains behind the management of clean room doors

Control unit for interlocks of 2 doors...

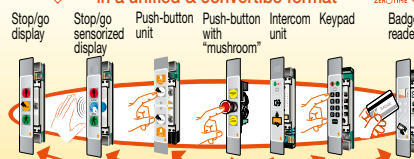


...and in "cascade" of multiple interlocks of 4, 6, 8, 12... doors, without limitations



Click & Go
ZEROTIME

SLIM & MODULAR Ultra-slim and super-compact devices in a unified & convertible format **Click & Go** ZEROTIME



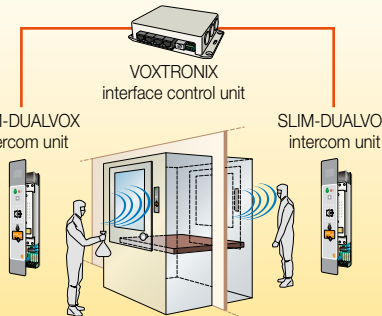
Unified module because... All devices are interchangeable and housed in the same unified casing of the previous lock.

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

Click & Go
ZEROTIME

VOXTRONIX
Two-way intercom system for passbox and clean rooms



VOXTRONIX interface control unit

SLIM-DUALVOX intercom unit

SLIM-DUALVOX intercom unit

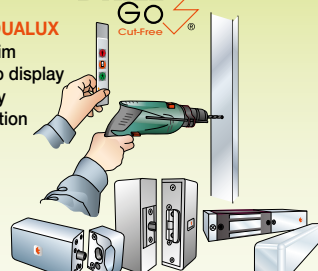
cabling systems for immediate installation with technology

Click & Go
ZEROTIME

innovation **Click & Go** ZEROTIME news
Tecnodimensione for Doors management and Professional electrical locks with technology

DRILL & GO Cuf-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
PHARMALOCK devices and systems for the management of clean room doors
Cabling systems for immediate installation with technology

Click & Go ZEROTIME

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

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products of excellence only
Past, present and future... all in Tecnodimensione style

TECNODIMENSIONE
PRODUCTS WITH STYLE

CLEAN ROOM

Click & Go ZEROTIME

(for immediate installation)

Export Product-list is at your disposal by request

CLEAN ROOM

flexi con

MULTIFUNCTIONAL INPUTS/OUTPUTS

(for conventional wiring)

Export Product-list is at your disposal by request

CLEAN ROOM
Devices and systems for the management of clean room doors
processing units with multi-programmable entrances/exits on terminal box for interfacing with any management unit such as PLCs, microprocessor boards or conventional electronics, also for pre-existing systems

with technology **flexi con** MULTIFUNCTIONAL INPUTS/OUTPUTS

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