

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



Export Product-list



products of excellence only



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



TECNODIMENSIONE

security with style



**DOOR MANAGEMENT
SYSTEMS**

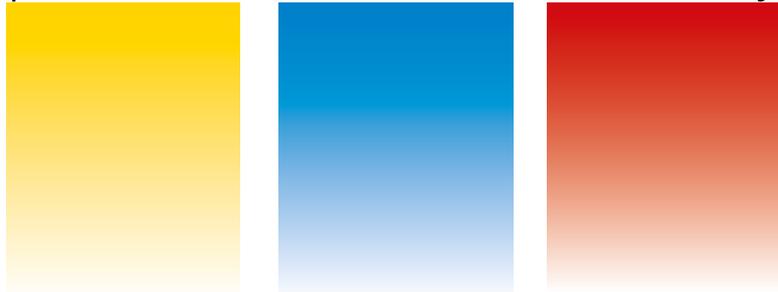


**ACCESS CONTROL
SYSTEMS**



**PROFESSIONAL
ELECTRICAL LOCKS**

products of excellence only



with technology

***flexi
con***

**MULTIFUNCTIONAL
INPUTS/OUTPUTS**

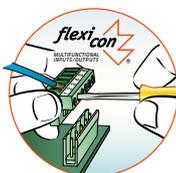


*Past, present and future...
all in Tecnodimensione style*



TECNODIMENSIONE

security with style



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Ultra narrow and mini compact devices
with "FLEXICON" technology
Professional Tecnodimensione® products
devices with screw-type terminal board with "conventional cables" for
clean room systems with medium and long range connections

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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)





All PHARMABLOCK 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



Why is there an interlock in clean rooms?

The PHARMABLOCK Tecnodimensione system is the answer.

The logic of mutual-acknowledgement interlocking doors for the controlled transit of people and/or materials has proved to be the most effective solution to protect from contamination the clean rooms of research laboratories, pharmaceutical industries, hospitals, nuclear stations, food industries and generally of all environments where accesses must be managed and controlled rigorously, yet in absolute peace of mind and safety.

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 you closely analyze the typical issues of clean rooms and the more you realise which and how many variables complicate the task.

The situation can become even more complex if several doors have to interact with one another with transit logics that depend in part and/or in whole from specific procedures, modes, timings, emergency situations, etc., that is from an enormous amount of tasks that are interconnected.

In addition to this, one must also take into account a series of practical aspects connected with the installation of the door frames, the mechanical and electromechanical characteristics of locks, and the routing and wiring of the driving, signalling and management systems cables...

Lastly the final installation must also be designed so that it can be easily serviced and cleaned with detergents, without leading to the accumulation of debris that could contaminate clean rooms... This alone confirms the complexity of this technology and underlines the importance of relying on an experienced and qualified partner to professionally design and develop appropriate interlocking systems and logics.

Tecnodimensione, leader in the security field, has leveraged its precious know-how, acquired and broadened in over 35 years of work in the industrial and commercial fields both in Italy and abroad, to design this new line of products with "FLEXICON" technology to interface with any management unit such as PLC, microprocessor board or traditional electronics.

PHARMABLOCK devices are also available in "Click&Go" technology systems with structured and pre-cabled WIREX cables equipped with 8-pole RJ45 quick connection plugs that satisfy basic needs in "one go" and provide customers with a whole range of professional interlocking systems for clean rooms.

(Require the specific section "Devices and Systems with Click & Go technology".)

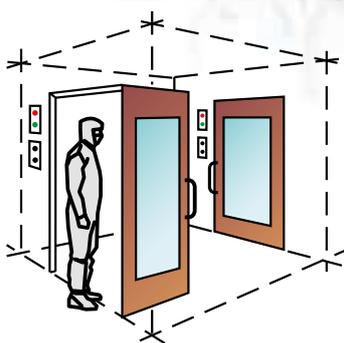
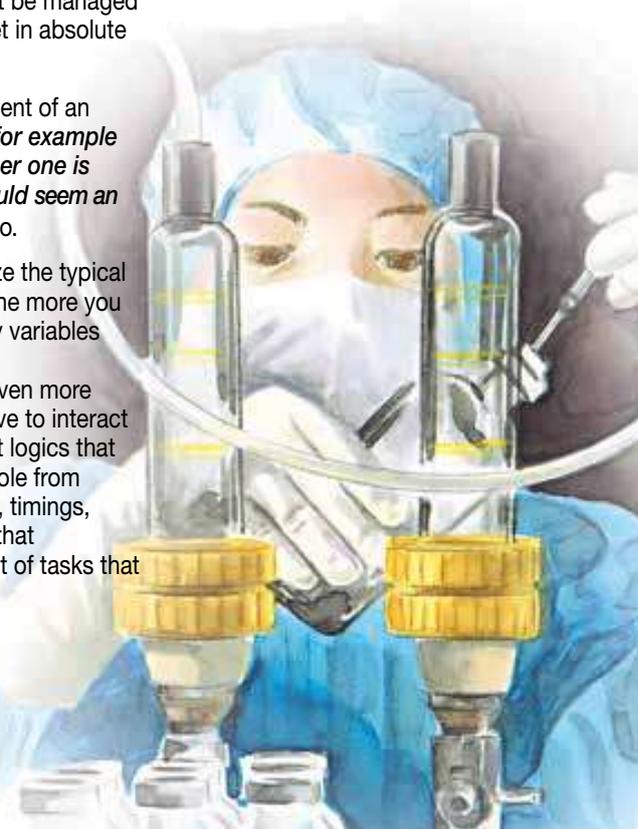
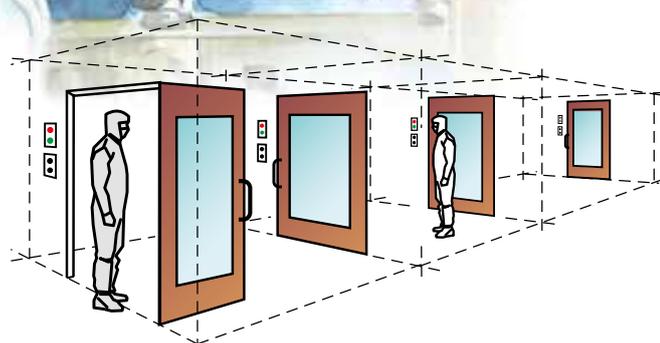


Diagram - Mutual acknowledgement interlocking system with two doors



Multiple configuration for interlocking 3, 4 or more doors without virtually any limits

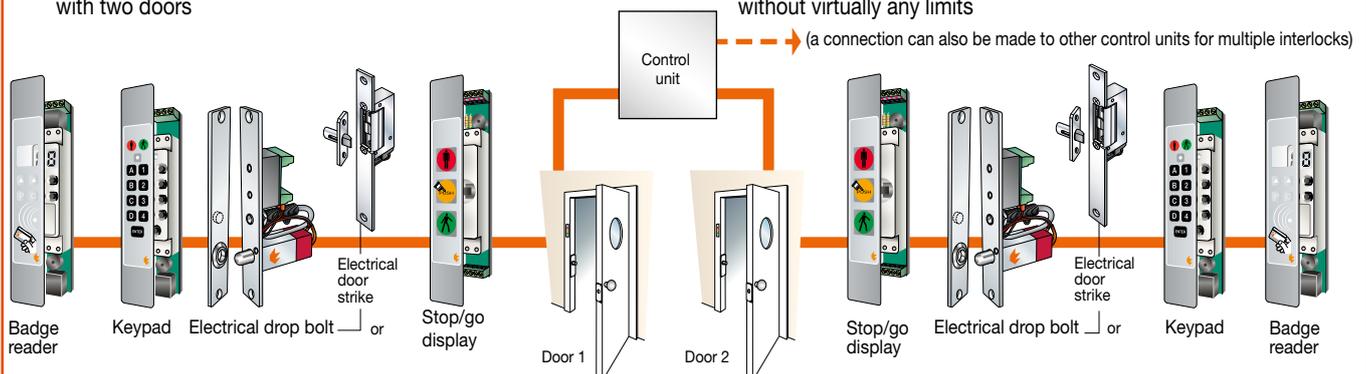


Diagram of the equipment required to configure a door interlocking system with mutual acknowledgment



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

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

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

In any case the products must be only utilised for the purposes only for which are intended as described in the application notes.

Any application not expressly indicated or authorised is considered misuse. The warranty does not apply to products which have been damaged, mistreated, modified, misused, or subjected to neglect or abnormal use and/or storage, and damaged by natural wear, unprofessional or negligent treatment, chemical, electro-mechanical or electrical influences.

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

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

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

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

Place of Performance and Jurisdiction

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

BASIC TERMS

Packing: for normal shipment included

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

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

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

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

For all others sales and warranty terms, are exclusively applicable our general sales and warranty conditions that are fully and 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 cambiali 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

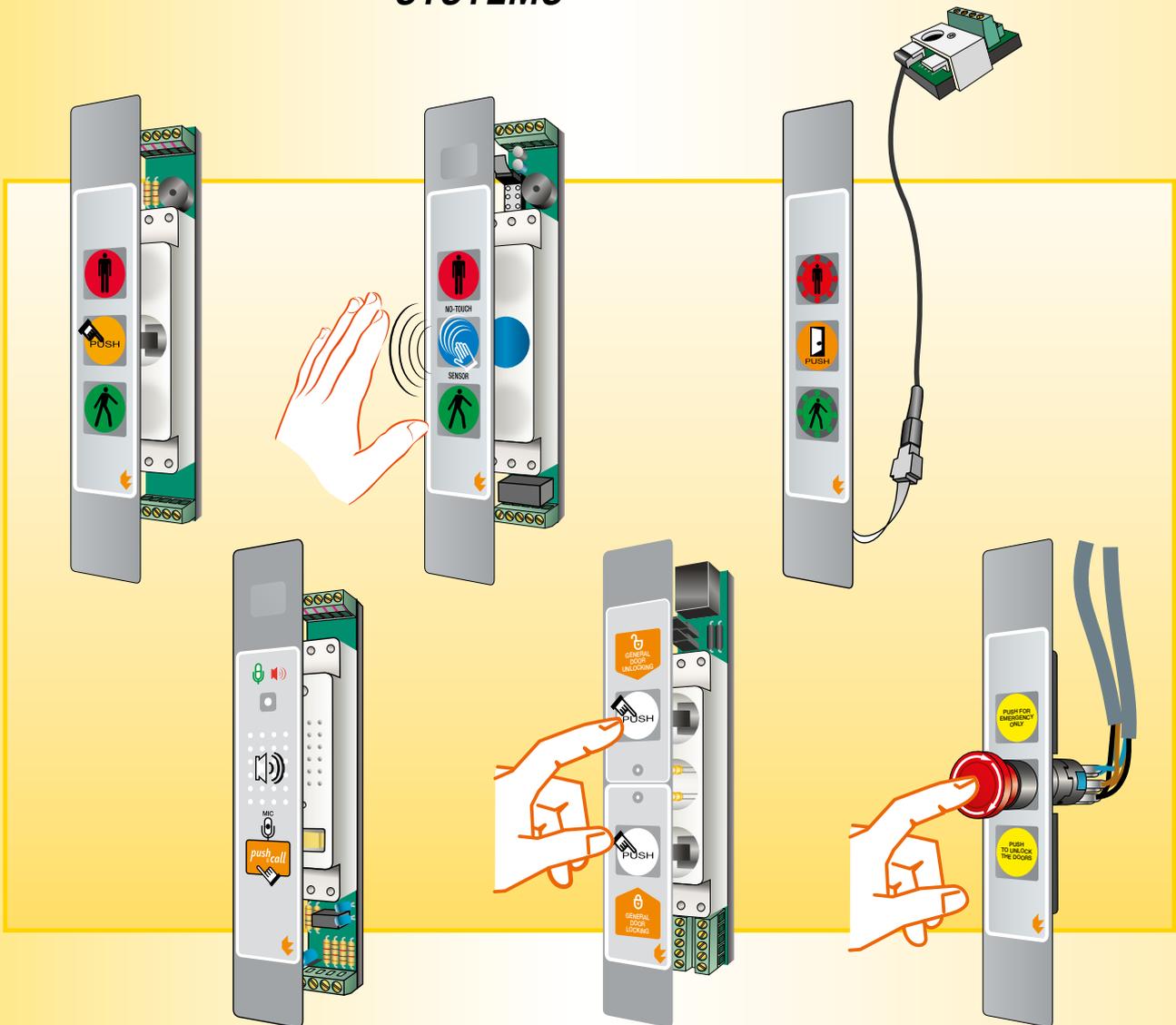
THE CORRECT WAY TO HANDLE ELECTRICALLY OPERATED LOCKS

- 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.



DOOR MANAGEMENT SYSTEMS



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

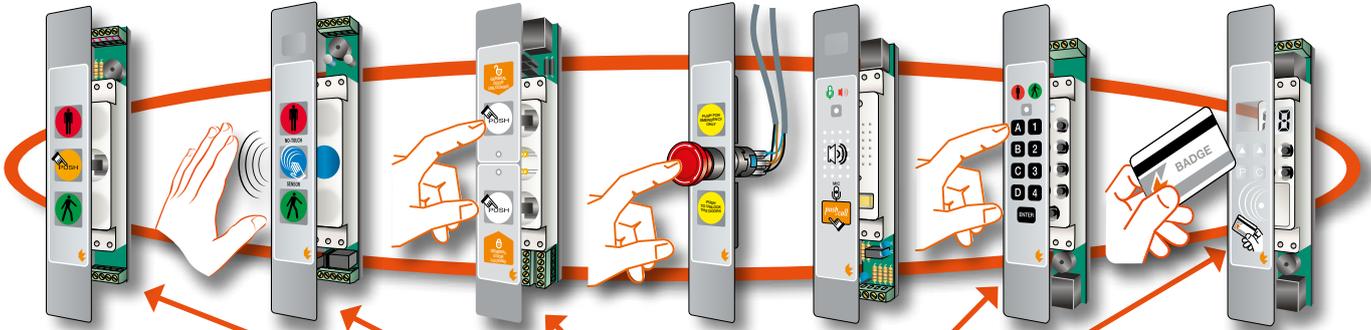
Push-button unit
SLIM-DUALPUSH

Push-button with "mushroom"
SLIM-HELPPUSH

Intercom unit
SLIM-DUALVOX

Keypad
SLIM-CODEGUARD

Badge reader
SLIM-PASSGUARD

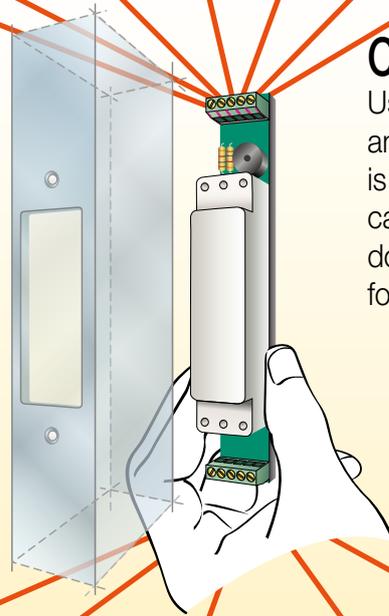


Unified module because....

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...

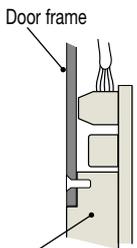
Using unified flanges, cases and boxes, any unified SLIM & MODULAR device is convertible into 5 different types that can be installed in any way, next to the door, based on the assembly needs found in the field.



Assembly type

1

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

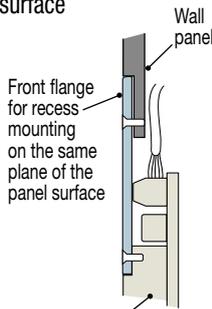


Unified body of modular device recess mounted set flush into surface door frame level

Assembly type

2

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

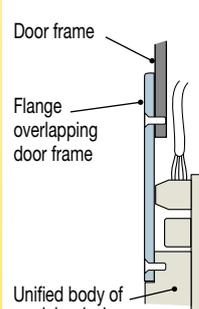


Unified body of modular device with front flange

Assembly type

3

for conventional flush mounting
with front flange overlapping door frame

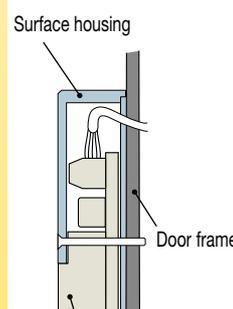


Unified body of modular device with conventional front flange

Assembly type

4

for surface mounting
with using housing

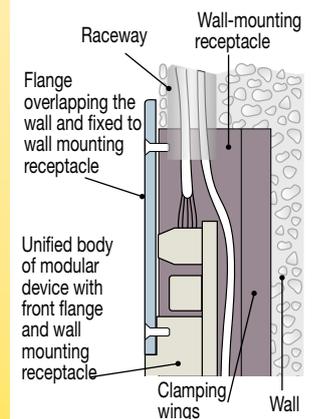


Unified body of modular device included in housing

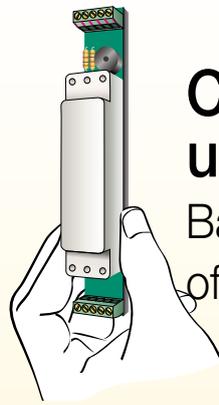
Assembly type

5

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



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



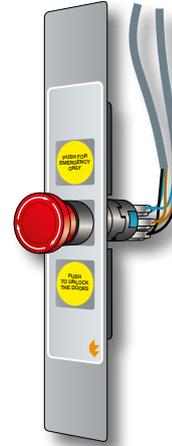
This is the stop and go display (instead of the manual pressure button) with an infrared sensor that "sees" a presence up to 10 cm away. The "contactless" door-opening command and/or bell works automatically by bringing the hand close without touching anything.

No-touch Push-button panel 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

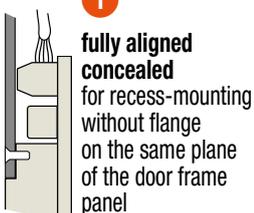


The talk-listen unit is the device that, when matched to another identical unit, in tandem and/or in multiples (with special Voxtronix centralisation module), allows voice intercommunication between different remote stations. The "Push&Call" button activates the start of the conversation in "alternated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

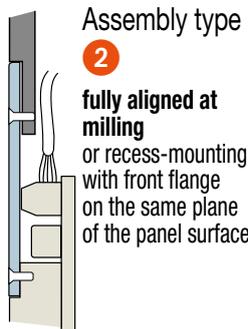
1



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

Assembly type

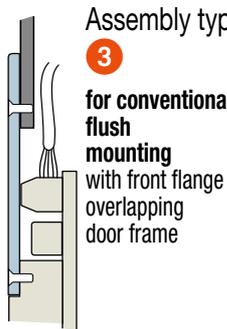
2



fully aligned at milling or 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

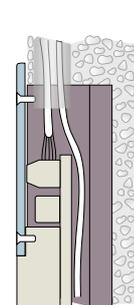
4



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

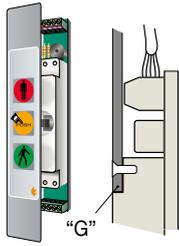
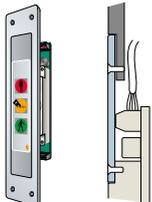
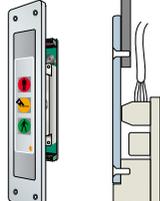
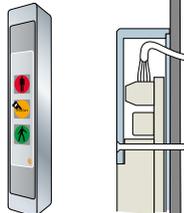
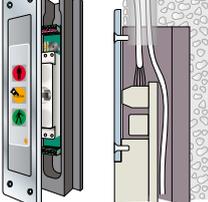
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January 2018



- With 2 screw-on terminal boxes for conventional wiring
- Green/red lights + 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

	Models for 12Vdc/70mA power supply	MODELS	N°
Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel * 	SLIM-DUALUX 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 1.6mm. 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 3mm.	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 1.6mm	034981CM4U	
	Same with diffuser screen and gap G for sections with a thickness of 3mm.	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	034982CM2U	
	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 - 250x50mm, thickness 2.5mm for recessmounting 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.		
	Models for 24Vdc/40mA power supply (on request)		
	SLIM-DUALUX stop and go display same but with 24 Vdc/40mA power supply.	034982CM4U	
Assembly type 3 for conventional flush mounting with front flange overlapping door frame 	Models for 12Vdc/70mA power supply	034983CM2U	
	SLIM-DUALUX stop and go display type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250x50mm, thickness 4mm 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.		
	Models for 24Vdc/40mA power supply (on request)		
	SLIM-DUALUX stop and go display same but with 24 Vdc/40mA power supply	034983CM4U	
Assembly type 4 for surface mounting with using housing 	Models for 12Vdc/70mA power supply	034984CM2U	
	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 (35x25x215mm). 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.		
	Models for 24Vdc/40mA power supply (on request)		
	SLIM-DUALUX stop and go display same but with 24 Vdc/40mA power supply.	034984CM4U	
Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle 	Models for 12Vdc/70mA power supply	034985CM2U	
	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 - 250x50mm, thickness 4mm, 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 (65x30x230mm), 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.		
	Modelli per alimentazione 24Vdc/40mA (a richiesta)		
	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 15.



SLIM-DUALUX No-touch PROFESSIONAL SENSORIZED STOP/GO DISPLAYS



- With 2 screw-type terminal box for conventional cables
- Green/red light + buzzer
- Equipped (instead of manual pressure button) with an infrared sensor that "sees" a presence up to 10 cm away. The "contactless" door-opening command and/or alarm works automatically by bringing the hand close, without touching anything.

- On board 1A/12Vdc relay with a dry exit contact (no voltage), programmable NO or NC, using the jumper.
- Timed command with exit relay that starts and remains activated for 8 seconds, each time the hand comes near the No-touch sensor's range of action.
- 1 adhesive cover in polycarbonate, 180x30mm, R2,5, thickness 0.3mm with 7-colour international symbols.

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TECNODIMENSIONE®

Ordering information



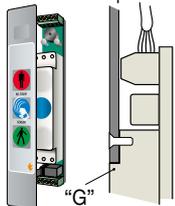
Q.ty

Models for 12Vdc/70mA power supply

MODELS

N°

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



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

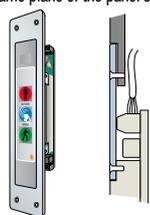
*** In this case, it is advisable to prepare sunk milling during the panel machining phase.**

034981HM2U

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

034981HM2U3

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



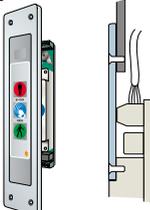
SLIM-DUALUX No-touch stop and go display type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out).

Supplied with front flange in anodized aluminium with "silver" finish - 250x50mm, thickness 2.5mm 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



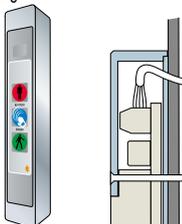
SLIM-DUALUX No-touch stop and go display type 3 for traditional recessed fitting using flange.

Supplied with front flange in anodized aluminium with "silver" finish - 250x50mm, thickness 4mm 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 (35x25x215mm).

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 - 250x50mm, thickness 4mm, 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 (65x30x230mm), 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.

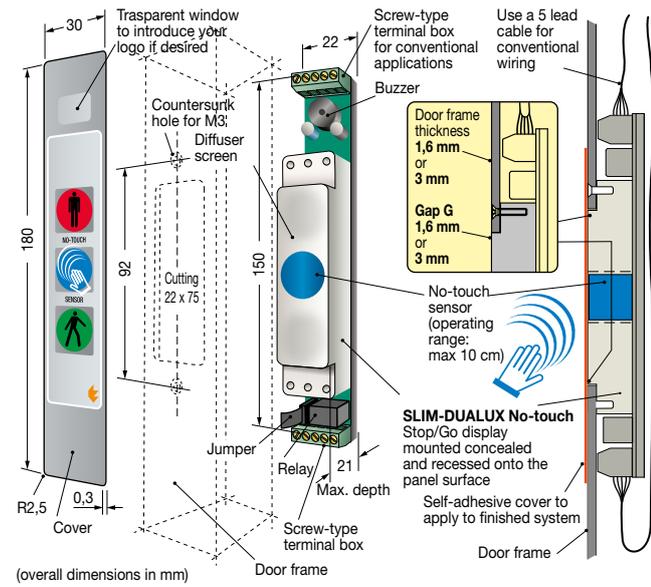
Wall niche and cable channel to be prepared beforehand.

034983HM2U

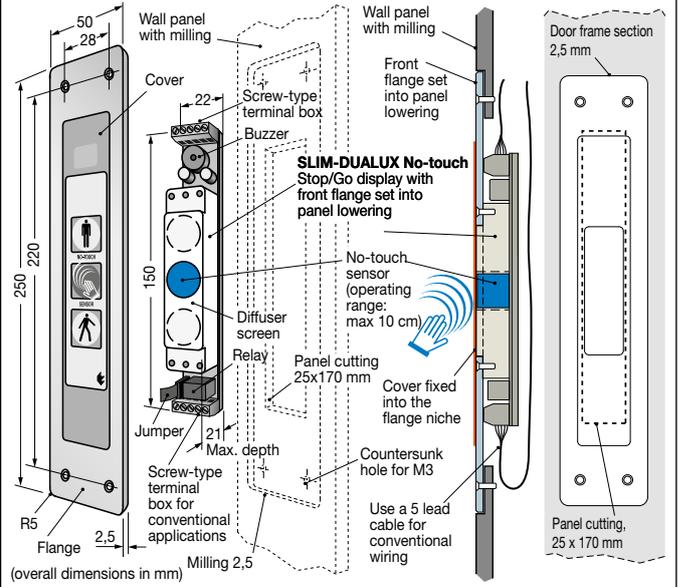
Special configurations available at extra charge: Cover with your logo and/or customized.

For sizes, measurements and details of chasing, application examples and connection diagrams, see page 17.

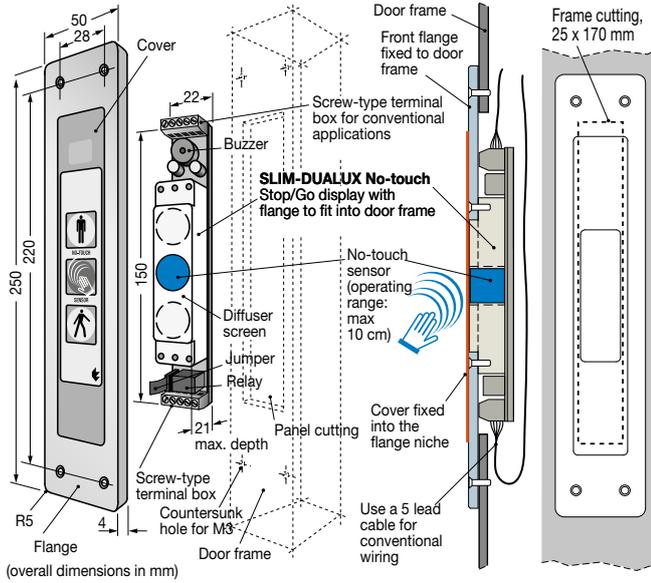
Assembly type 1 total alignment, lock recessed into surface without flange



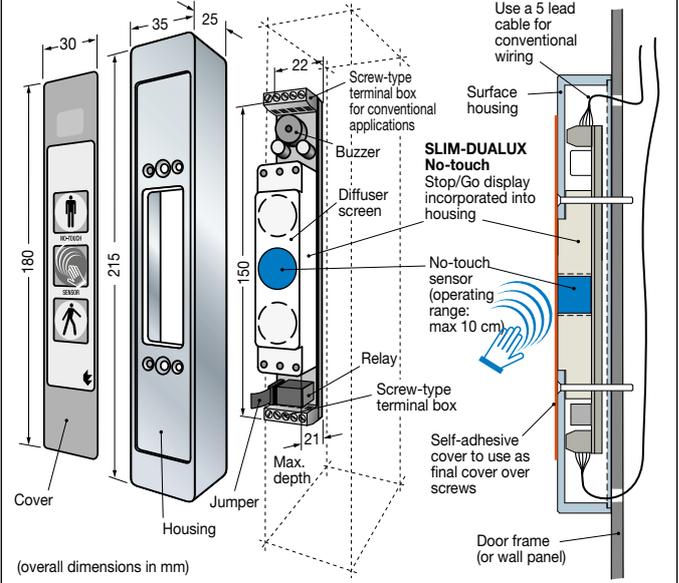
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



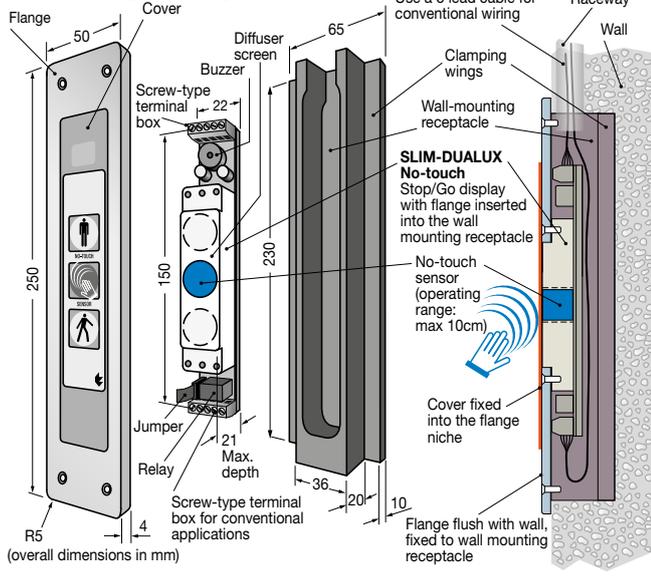
Assembly type 3 traditional fitting with front flange over the lock



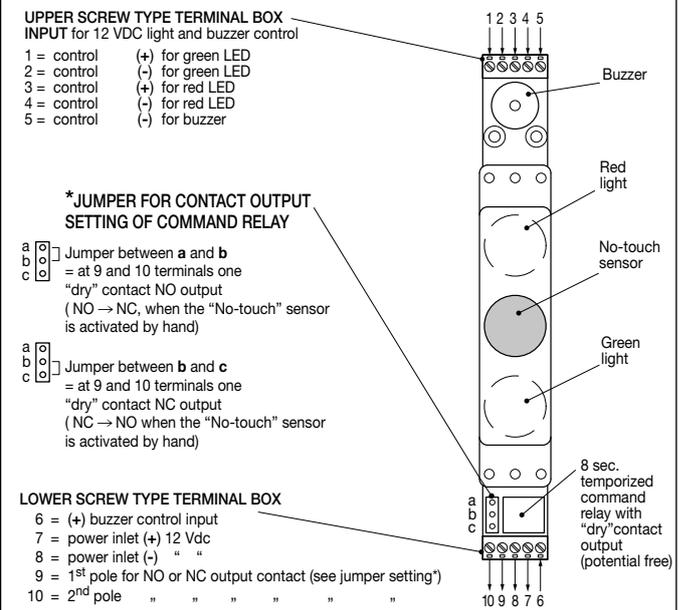
Assembly type 4 for mounting placed on surface using housing



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



CONNECTION DIAGRAM valid for all 5 types



SLIM-DUALPUSH

PROFESSIONAL PUSH-BUTTON PANELS

for multiple independent controls

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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, 180x30mm, R2,5, thickness 0.3mm with 7-colour international symbols; with 2 windows for the personalised indication of commands.

Ordering information



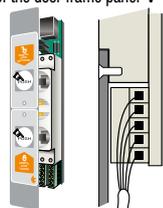
Q.ty

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 1.6mm. 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 3mm. 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 - 250x50mm, thickness 2.5mm 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 - 250x50mm, thickness 4mm for flush mounting. Cover pre-assembled and fixed into the flange niche.

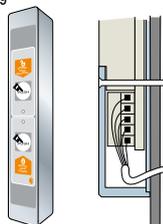
Mounting can be carried out "on site", directly onto the installed door frame.

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 (35x25x215mm).

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.

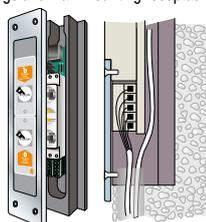
Useful when you wish to avoid recess-mounting or cuts on the door frame.

034974CCM2U
(with 2 C buttons)

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 - 250x50mm, thickness 4mm, 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 (65x30x230mm), 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)

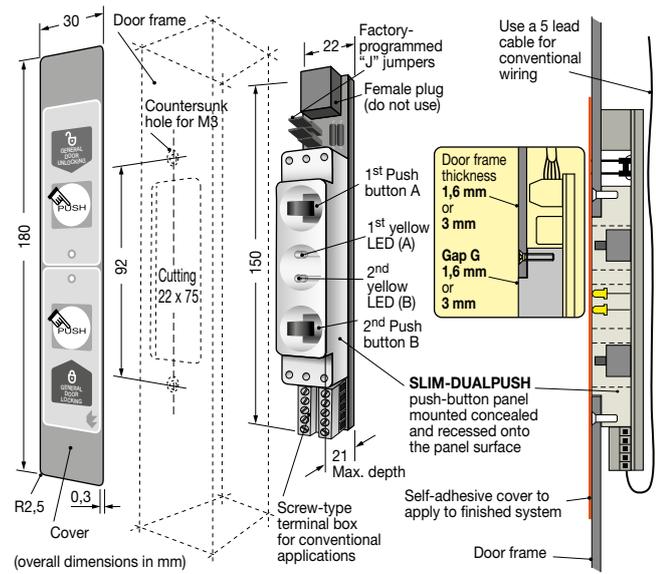
034975IIM2U
(with 2 I switches)

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

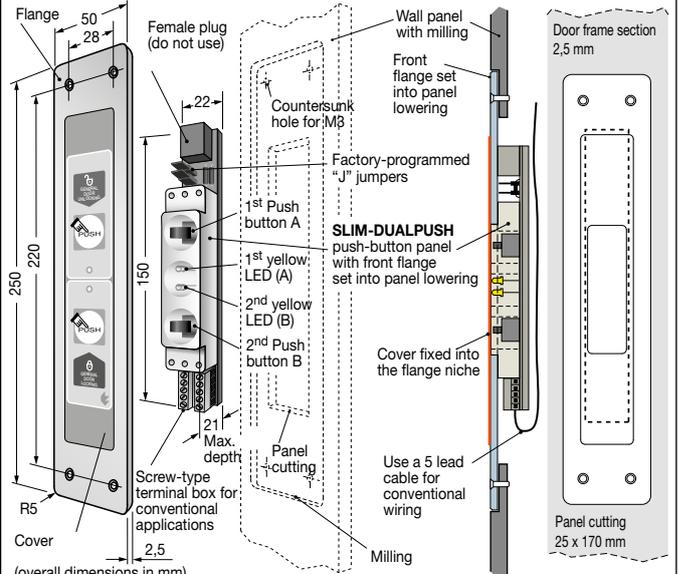
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 19.

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

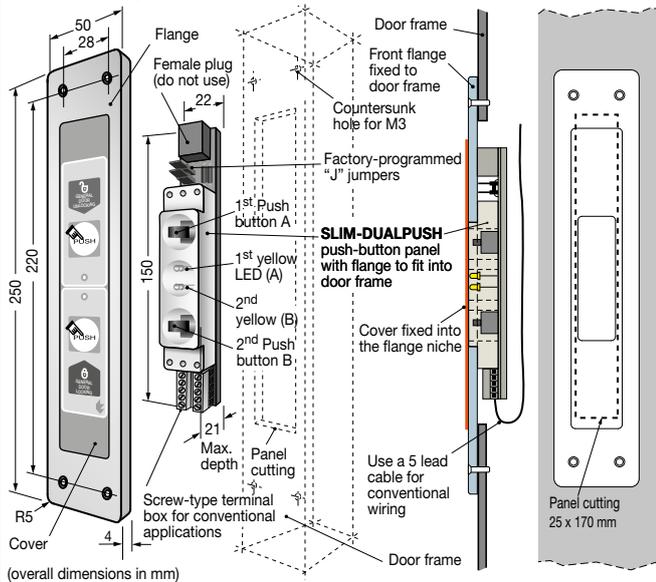
Assembly type 1 total alignment, lock recessed into surface without flange



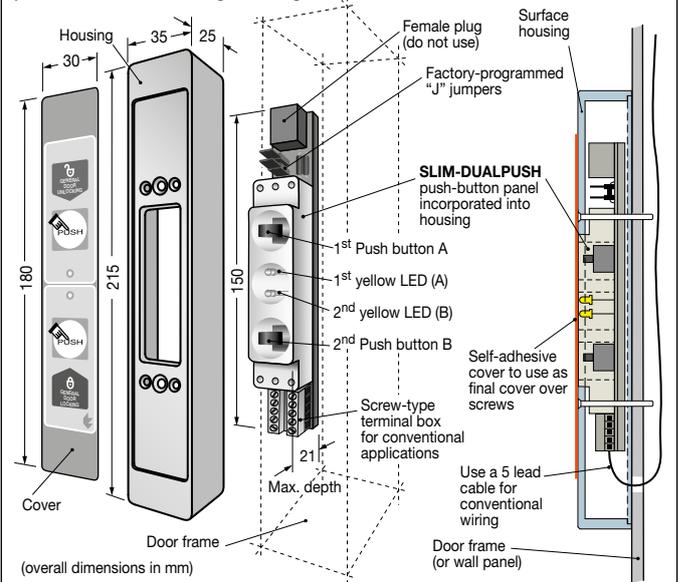
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



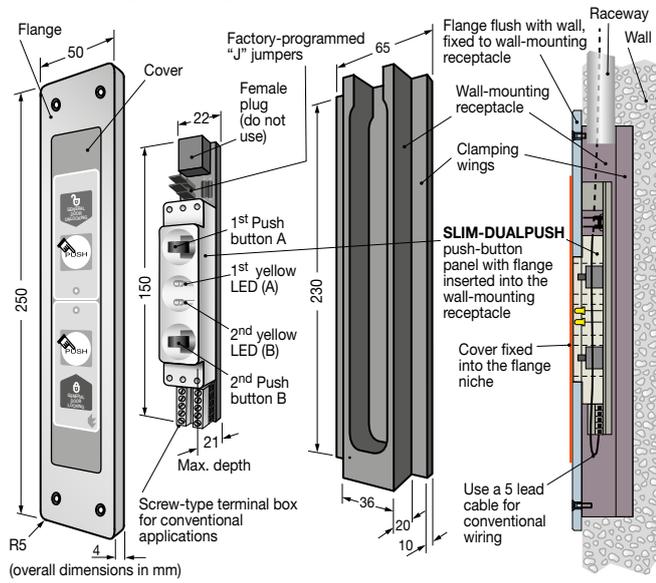
Assembly type 3 traditional fitting with front flange over the lock



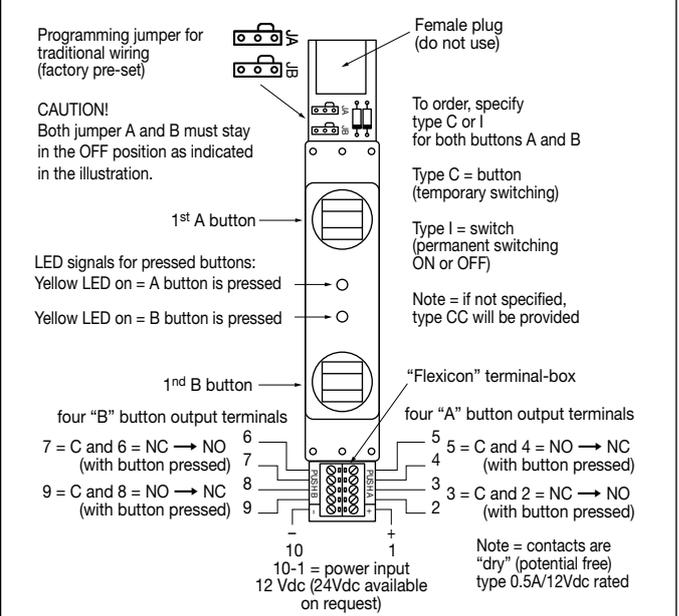
Assembly type 4 for mounting placed on surface using housing

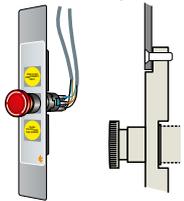
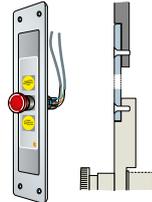
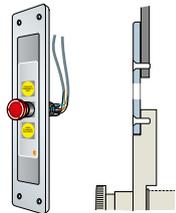
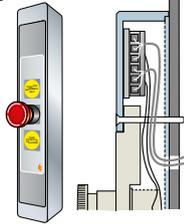
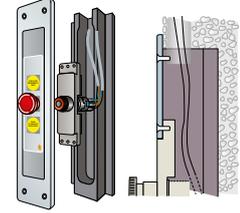


Assembly type 5 for recessed wall mounting with flange and wall box



CONNECTION DIAGRAM valid for all 5 types



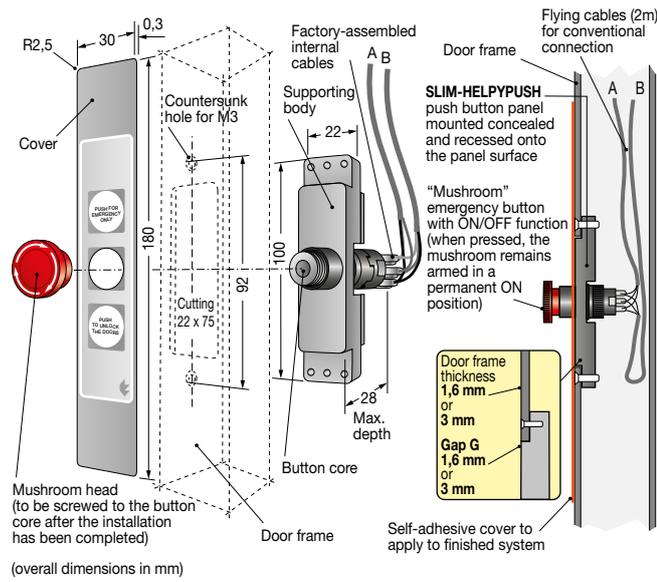
<h2 style="color: orange;">SLIM-HELPPUSH</h2> <h3>PROFESSIONAL PUSH-BUTTON PANELS</h3> <p>with emergency mushroom head button</p>		Export Product-list January 2018  TECNODIMENSIONE®		
	<ul style="list-style-type: none"> - With flying cables 2 metres long, precabled in the factory, each with 3 conventional cabling terminals for any type of system. - Fitted with a red mushroom head button for manual emergency operations (for example to open part and/or all the doors, stop the operating cycle, send a fire alarm, etc.). Monostable ON/OFF mushroom head button (when pressed, it remains permanently ON). The button can be reset (OFF) with a specific voluntary action by turning the red head of the button clockwise. - 2 SPDT independent exchange output contacts - "dry" type with 1A/12-24 Vdc capacity; the 1st contact (flying cable A) is the emergency door release control. The 2nd contact (flying cable B) can be used for additional local and/or remote optical/acoustic signals (alarms, special controls, etc.). - 1 adhesive cover in polycarbonate, 180x30mm, R2,5, thickness 0.3mm with 7-colour international symbols; with 2 windows for the personalised indication of commands. 		Ordering information 	Q.ty
	Models for 12 Vdc/70mA power supply and/or 24Vdc		MODELS	N°
Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel * 	SLIM-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 1.6mm. Complete with self-adhesive cover designed to be applied after the final installation of the system. * In this case it is advisable to prepare the recess during the door frame machining.		034971E0M2U	
	Same with front panel and gap G for sections with a thickness of 3mm.		034971E0M2U3	
Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ♦ 	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, 250x50mm, thickness 2.5mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. ♦ In this case, it is advisable to prepare sunk milling during the panel machining phase.		034972E0M2U	
Assembly type 3 for conventional flush mounting with front flange overlapping door frame 	SLIM-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 - 250x50mm, thickness 4mm for flush mounting. Cover pre-assembled and fixed into the flange niche. Mounting can be carried out "on site", directly onto the installed door frame.		034973E0M2U	
Assembly type 4 for surface mounting with using housing 	SLIM-HELPPUSH push-button panel type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35x25x215mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. Useful when you wish to avoid recess-mounting or cuts on the door frame.		034974E0M2U	
Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle 	SLIM-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 - 250x50mm, thickness 4mm, 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 (65x30x230mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the push button panel. Wall niche and cable channel to be prepared beforehand.		034975E0M2U	

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

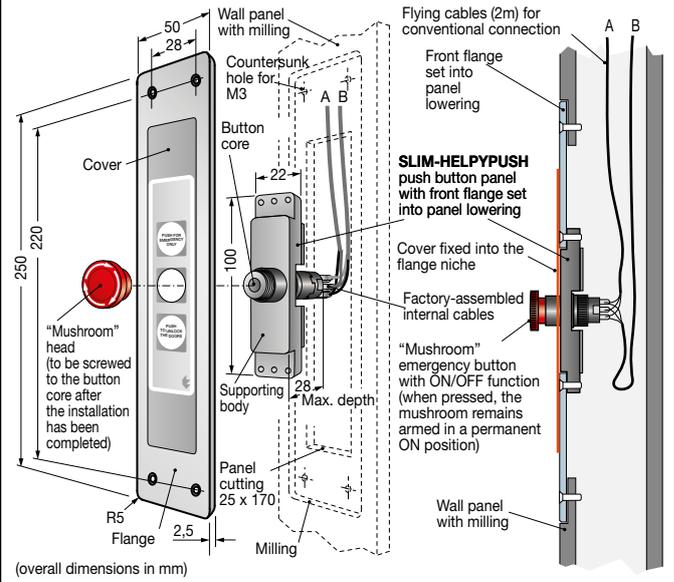
For sizes, measurements and details of chasing, application examples and connection diagrams, see page 21.

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

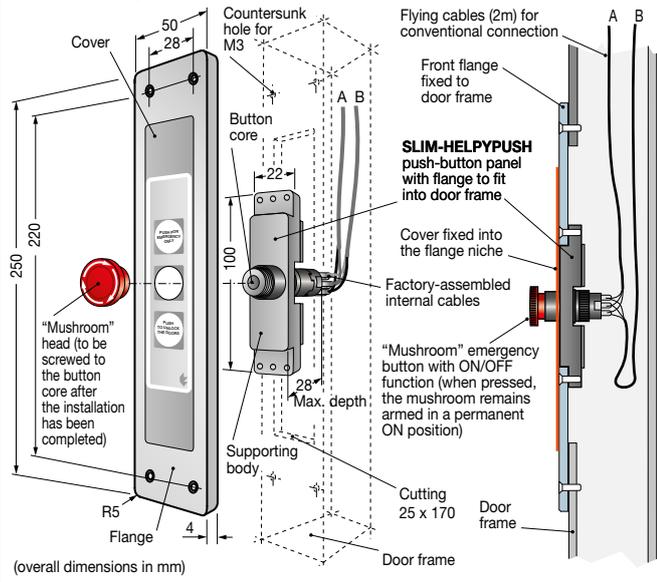
Assembly type 1 total alignment, lock recessed into surface without flange



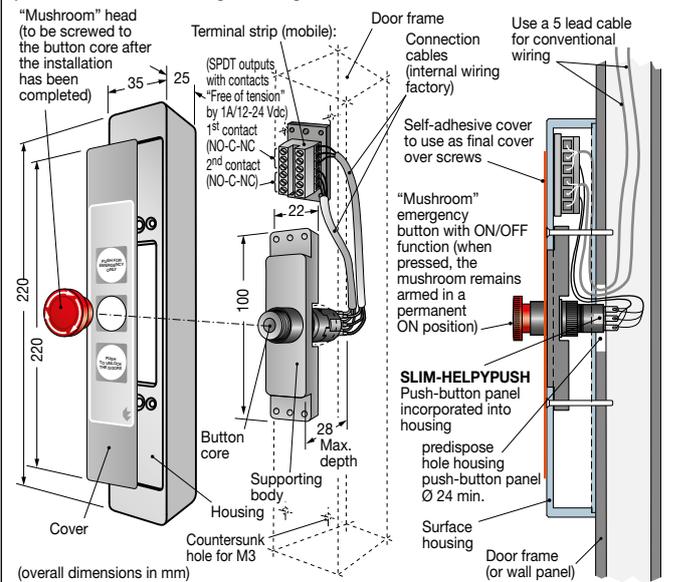
Assembly type 2 alignment at bottom with front flange "flush with surface" at bottom



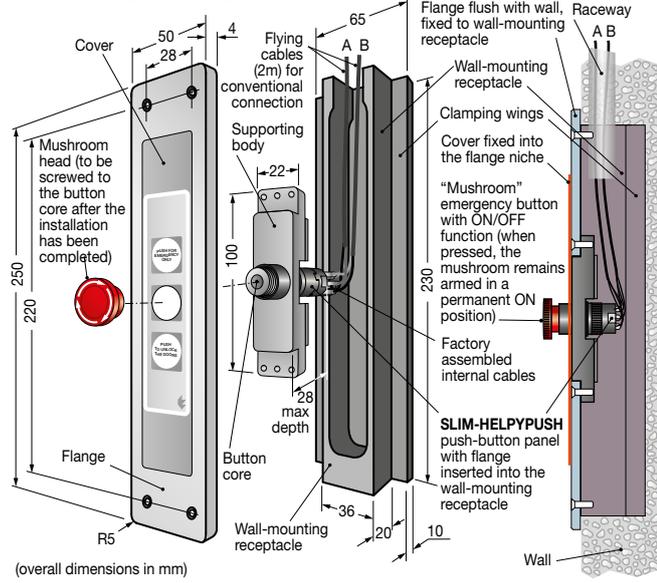
Assembly type 3 traditional fitting with front flange over the lock



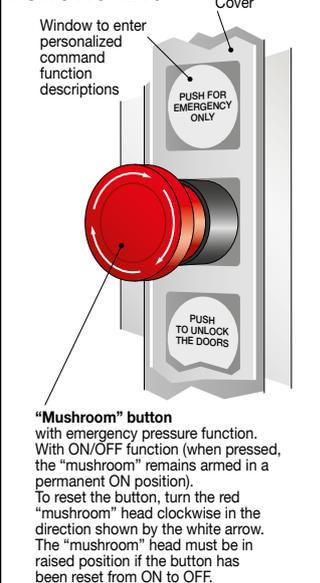
Assembly type 4 for mounting placed on surface using housing



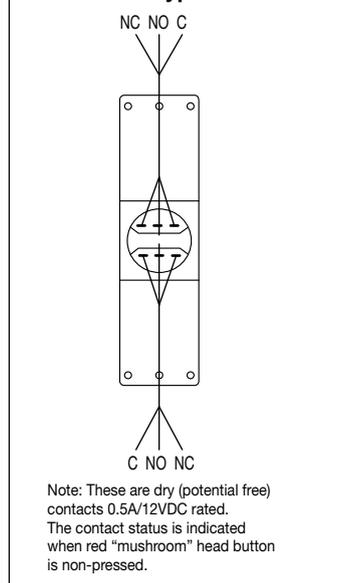
Assembly type 5 for recessed wall mounting with flange and wall box



MUSHROOM BUTTON FUNCTIONING

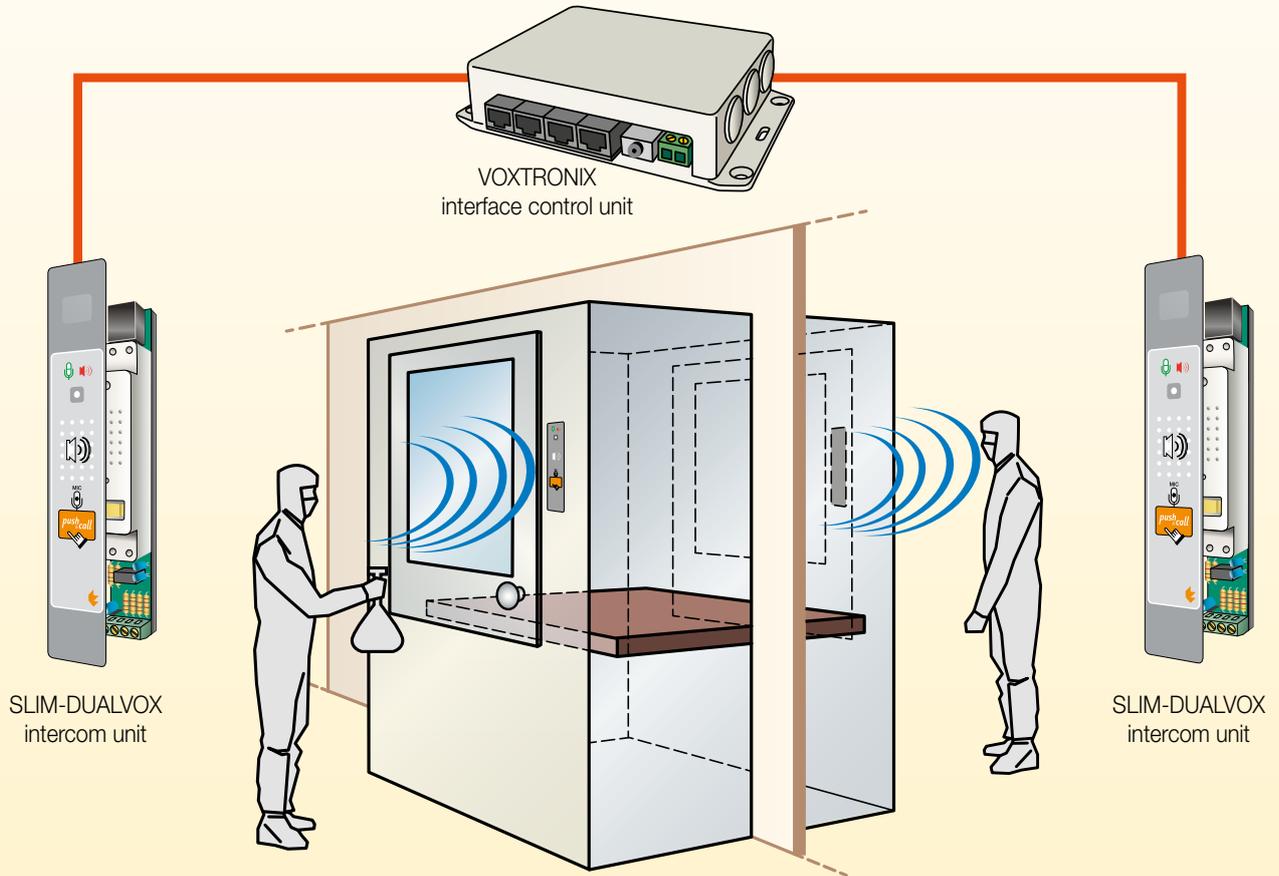


CONNECTION DIAGRAM valid for all 5 types



VOXTRONIX

Two-way intercom system for passbox and clean rooms



Talk-listen intercommunication system

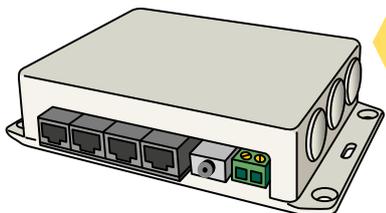


with alternated listen and answer mode using the “push&call” mode.



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

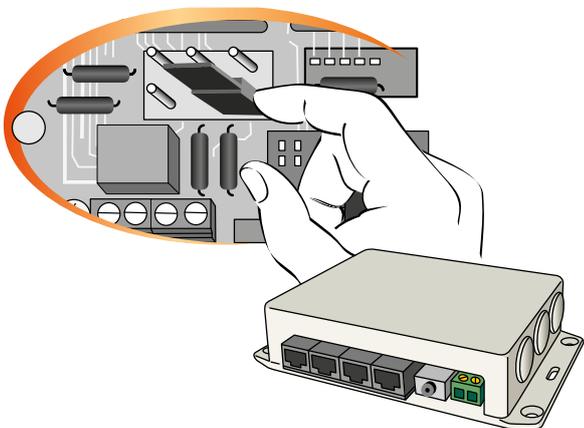


1st It can be instantly programmed thanks to the Jumpers = **MULTISELECT**

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 INTERCOM COMMUNICATIONS
OF PASSBOX AND CLEAN ROOMS.

1st **MULTISELECT**



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

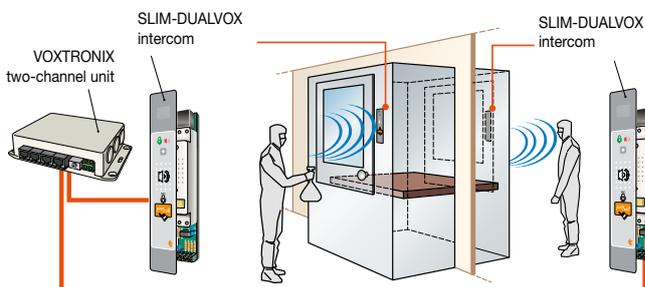
Tecnodimensione systems can be immediately adapted to all plants, depending on their configuration, both during commissioning and after start-up. As it does not require changes to the module or the installation of new connection lines, it is the ideal solution to meet current and future customers' needs. 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



...it's **EXPANDER!**

<p>Two-channel VOXTRONIX (expandable)</p>	<p align="center">INTERCOM CONTROL MODULE</p> <p align="center">VOXTRONIX</p> <p align="center">with RJ45-8 pole quick plug for easy installation and quick wiring</p> <p>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.</p> <p>“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.</p> <p align="center">2-channel models (12V DC power)</p> <p>Two-channel VOXTRONIX intercom module with microprocessor to control 2 SLIM-DUALVOX (see page 25) 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).</p>	<p align="center">Export Product-list January 2018</p> <p align="center"></p> <table border="1"> <thead> <tr> <th>Ordering information</th> <th>PRICE in Euro</th> <th>Q.ty</th> </tr> <tr> <th>MODELS</th> <th>€ each</th> <th>N°</th> </tr> </thead> <tbody> <tr> <td>034968H2W2U*</td> <td></td> <td></td> </tr> </tbody> </table> <p>* Module only. Other components are needed for operation, see page 26 and page 27.</p>	Ordering information	PRICE in Euro	Q.ty	MODELS	€ each	N°	034968H2W2U*		
Ordering information	PRICE in Euro	Q.ty									
MODELS	€ each	N°									
034968H2W2U*											
<p><i>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.</i></p> <p><i>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).</i></p>											

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).

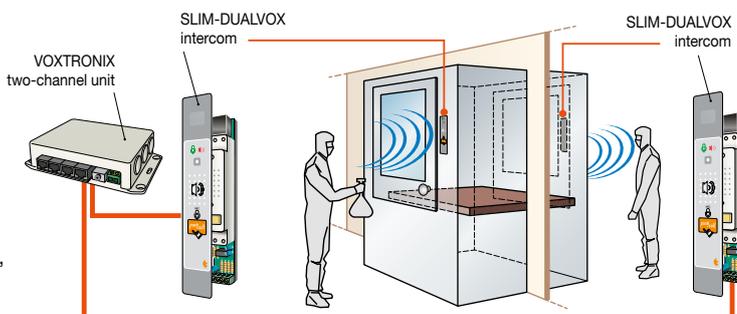


Fig. 1 - Voxtronix BASE configuration

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 units 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.

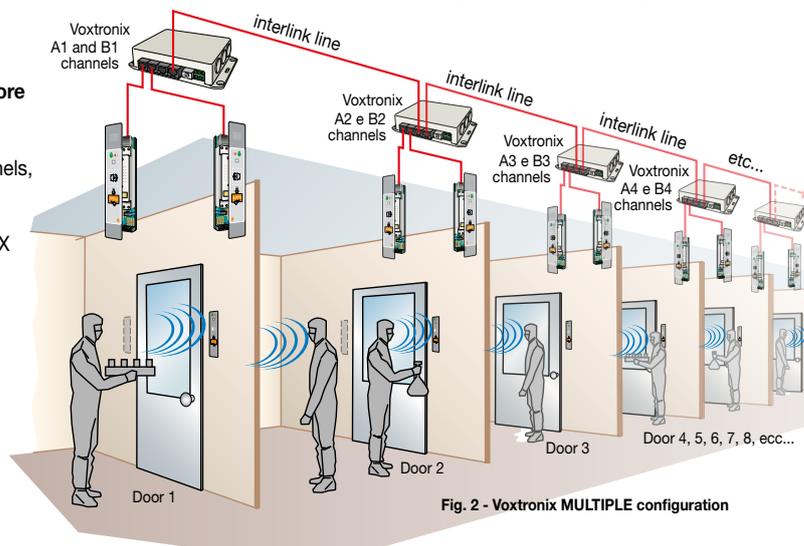
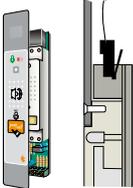
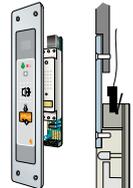
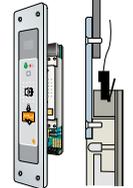
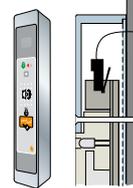
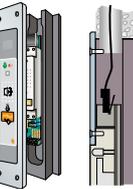


Fig. 2 - Voxtronix MULTIPLE configuration

<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		
	SLIM-DUALVOX speak-listen with: <ul style="list-style-type: none"> - with 1 RJ45-8 pole female quick fit plug for necessary connections with VOXTRONIX module (see page 24). - 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. 		<ul style="list-style-type: none"> - 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		 TECNODIMENSIONE®	ordering information 
		MODELS	N°	
Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel *	 <p>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.</p> <p>* In this case it is advisable to prepare the recess during the door frame machining.</p>		034961CW2U*	* Module only. Other components are needed for operation, see page 26 and page 27.
<p>Same with front panel and gap G for sections with a thickness of 3 mm.</p>		034961CW2U3*		
Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆	 <p>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).</p> <p>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.</p> <p>◆ In this case, it is advisable to prepare sunk milling during the panel machining phase.</p>		034962CW2U*	* Module only. Other components are needed for operation, see page 26 and page 27.
Assembly type 3 for conventional flush mounting with front flange overlapping door frame	 <p>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.</p> <p>Mounting can be carried out "on site", directly onto the installed door frame.</p>		034963CW2U*	* Module only. Other components are needed for operation, see page 26 and page 27.
Assembly type 4 for surface mounting with using housing	 <p>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.</p> <p>Useful when you wish to avoid recess-mounting or cuts on the door frame.</p>		034964CW2U*	* Module only. Other components are needed for operation, see page 26 and page 27.
Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle	 <p>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.</p> <p>Wall niche and cable channel to be prepared beforehand.</p>		034963CW2U*	* Module only. Other components are needed for operation, see page 26 and page 27.
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 26.

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



TECNODIMENSIONE®

ordering information

Q.ty

MODELS

N°

Basic kit configuration for two type-1 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 24)



1 module
Voxtronix



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



2 listen-talk units
SLIM-DUALVOX type 1

VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX
COMPLETE BASIC KIT type 1

034968H2W2U
034928WD
034928WD
034961CW2U
034961CW2U
(NB: unit with gap G 1,6 mm, for gap G 3 mm see page 25)

Basic kit configuration for two type-2 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 24)



1 module
Voxtronix



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



2 listen-talk units
SLIM-DUALVOX type 2

VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX
COMPLETE BASIC KIT type 2

034968H2W2U
034928WD
034928WD
034962CW2U
034962CW2U

Basic kit configuration for two type-3 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 24)



1 module
Voxtronix



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

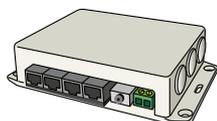


2 listen-talk units
SLIM-DUALVOX type 3

VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX
COMPLETE BASIC KIT type 3

034968H2W2U
034928WD
034928WD
034963CW2U
034963CW2U

Basic kit configuration for two type-4 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 24)



1 module
Voxtronix



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



2 listen-talk units
SLIM-DUALVOX type 4

VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX
COMPLETE BASIC KIT type 4

034968H2W2U
034928WD
034928WD
034964CW2U
034964CW2U

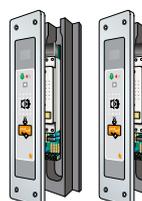
Basic kit configuration for two type-5 speak-listen stations for assembly in BASIC configuration (see fig. 1 page 24)



1 module
Voxtronix



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



2 listen-talk units
SLIM-DUALVOX type 5

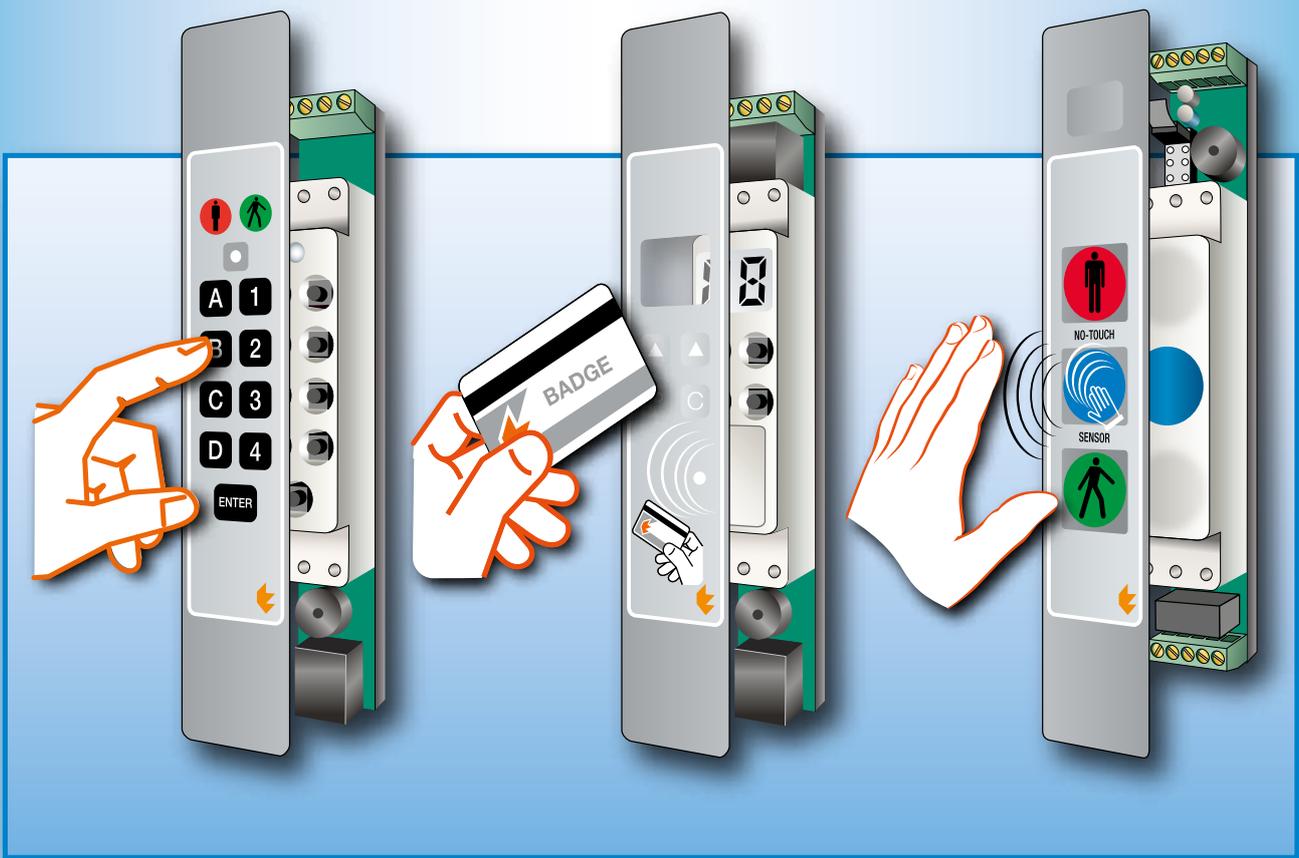
VOXTRONIX
MASTERWIREX
MASTERWIREX
SLIM-DUALVOX
SLIM-DUALVOX
COMPLETE BASIC KIT type 5

034968H2W2U
034928WD
034928WD
034965CW2U
034965CW2U

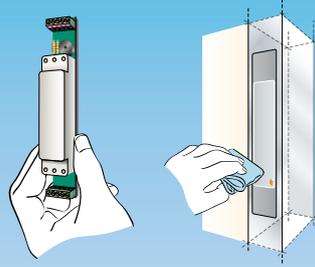
The MULTIVOXTRONIX configuration with 4, 6, 8 or more speak-listen stations (see fig. 2, page 24) is the sum of the aforesaid BASIC KITS (with 2 stations).



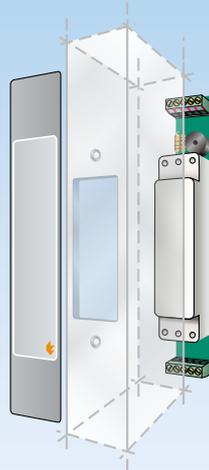
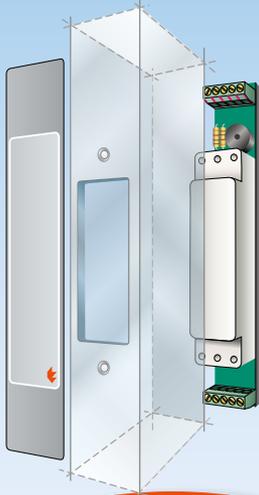
ACCESS CONTROL SYSTEMS



**SLIM&
MODULAR**

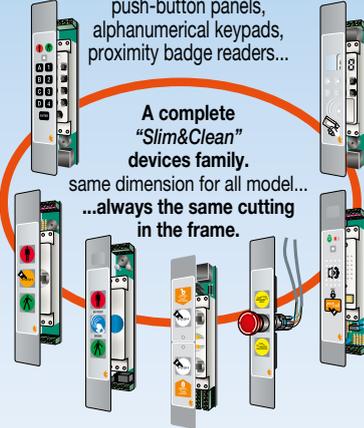


**SLIM&
CLEAN**
MODULAR®



stop/go displays, intercom units,
push-button panels,
alphanumerical keypads,
proximity badge readers...

A complete
"Slim&Clean"
devices family.
same dimension for all model...
...always the same cutting
in the frame.



Unified cutting into door frame
(22x75mm)
made in advance during
the frame processing phase...
all "Slim&Clean" devices
can be housed in the field.

As exactly dimensioned like all other devices in the
"Slim&Clean" line to be interchangeable and freely housed
in the same frame cuts and settings...

... they are **MODULAR!**

ACCESS CONTROL SYSTEM



"SLIM&CLEAN"

ALPHANUMERICAL KEYPADS, BADGE READERS and ...

... MANAGEMENT UNITS

Alphanumerical keypad

Proximity badge reader

Micro control unit



SLIM-CODEGUARD
for authorized accesses
that require the entry of
an access code.

SLIM-PASSGUARD
for authorized accesses
with badge reader.

SLIM-HANDTRONIX
oltre ad essere un semaforo
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.



TECNODIMENSIONE
security with style

SLIM & MODULAR

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

ACCESS CONTROL SYSTEM

Alphanumerical
keypads
SLIM-CODEGUARD



Proximity
badge readers
SLIM-PASSGUARD



Micro stand-alone
control unit
SLIM-HANDTRONIX

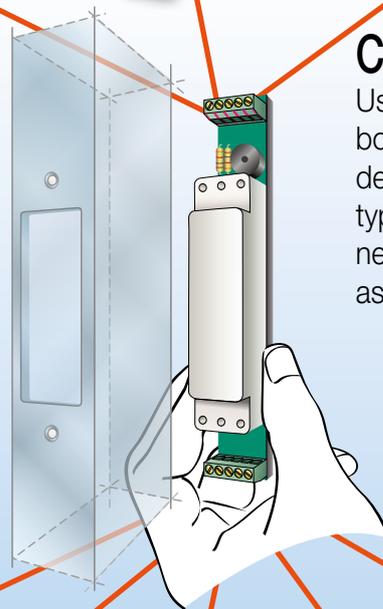


Unified module because....

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.

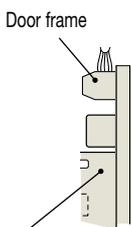
Convertible because...

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

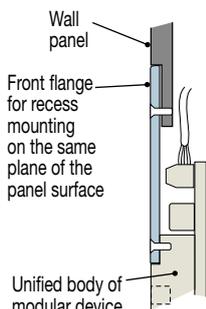
fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel



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

Assembly type 2

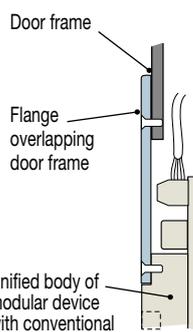
fully aligned at milling or recess-mounting with front flange on the same plane of the panel surface



Unified body of modular device with front flange

Assembly type 3

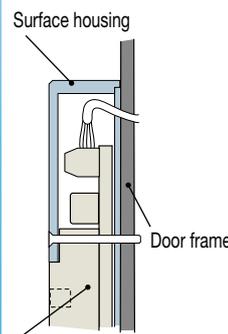
for conventional flush mounting with front flange overlapping door frame



Unified body of modular device with conventional front flange

Assembly type 4

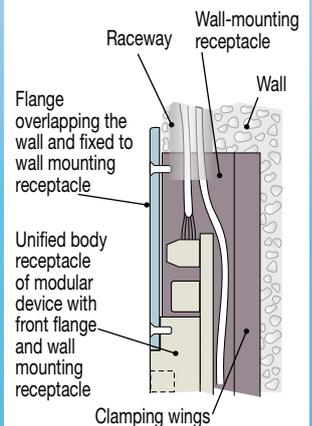
for surface mounting with using housing



Unified body of modular device included in housing

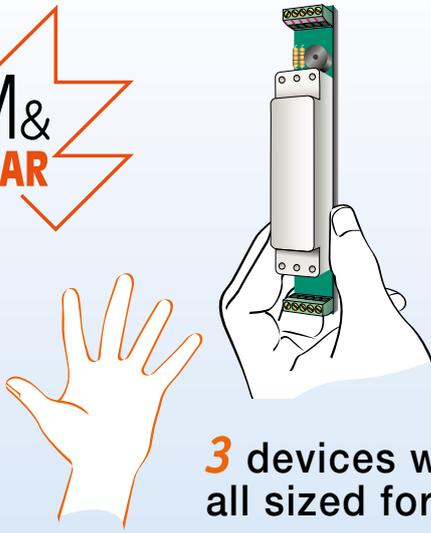
Assembly type 5

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



Clamping wings

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.

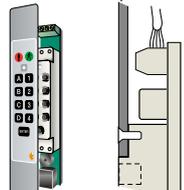
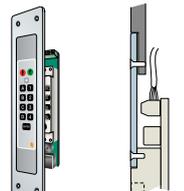
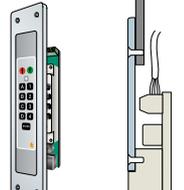
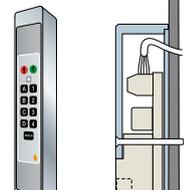
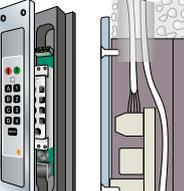
Assembly type **1** fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel

Assembly type **2** fully aligned at milling or 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

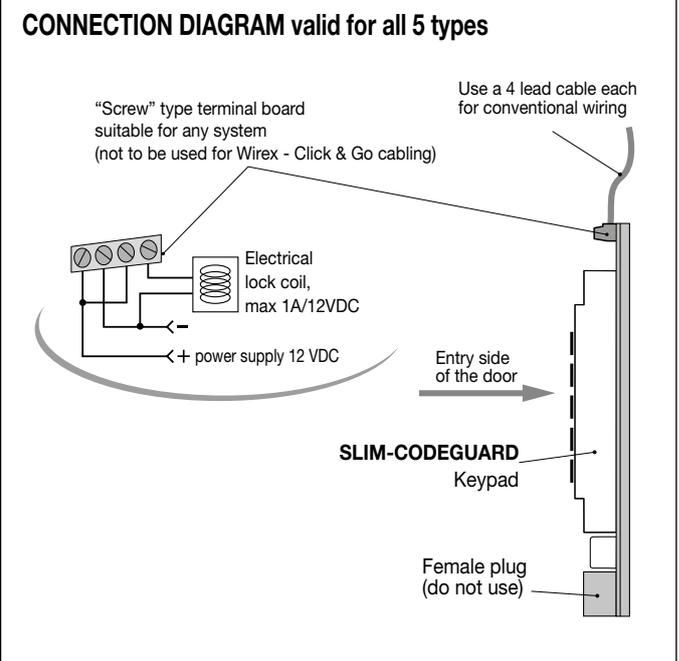
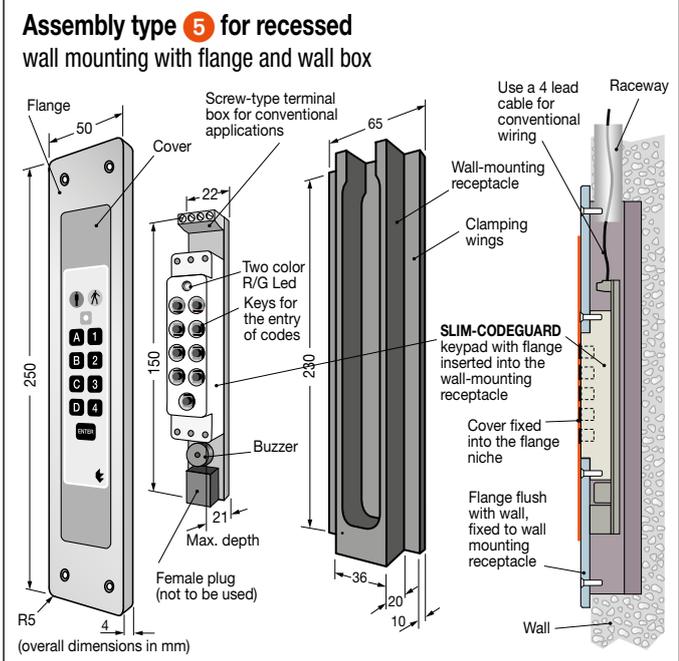
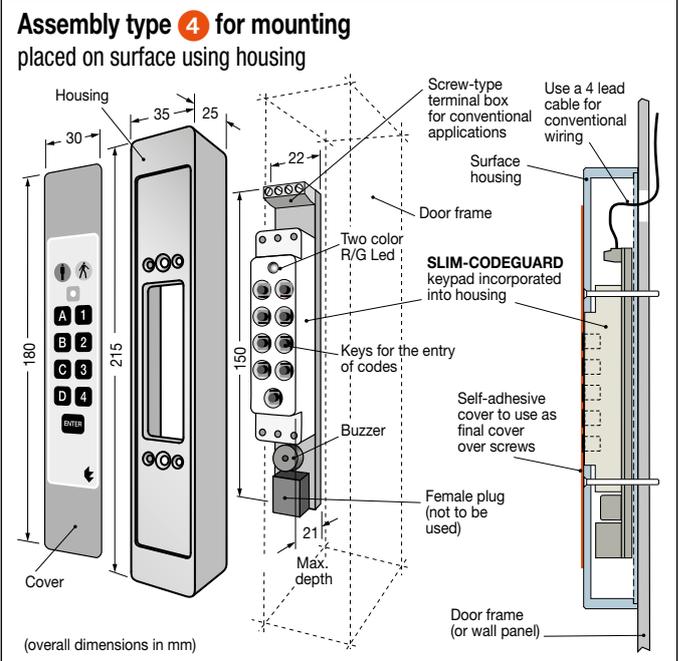
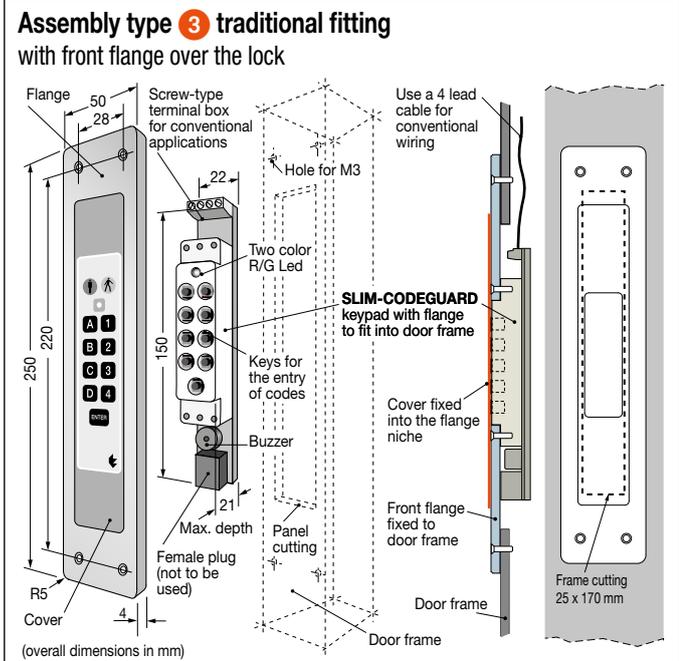
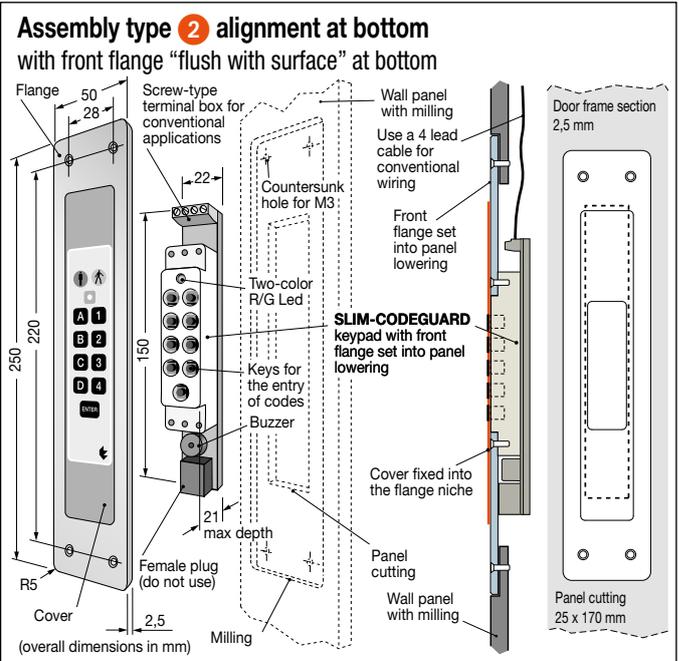
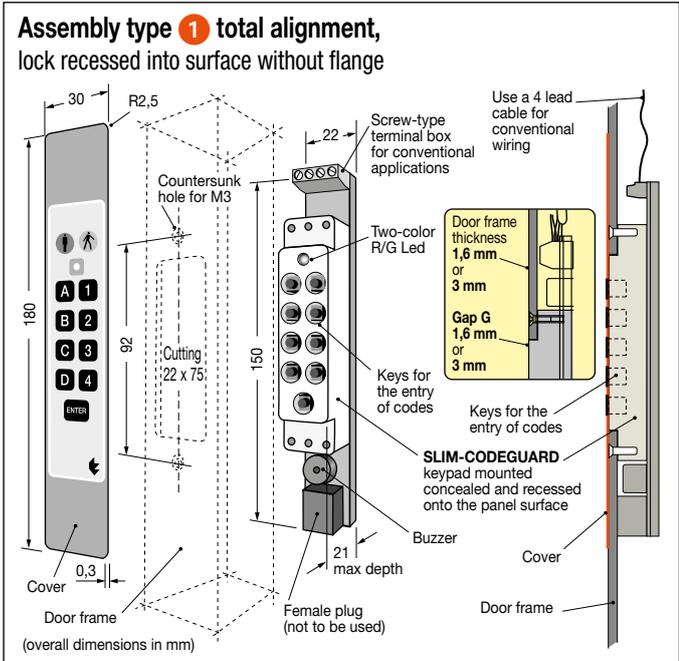
<h2 style="color: orange;">SLIM-CODEGUARD</h2> <h3>PROFESSIONAL KEYPADS WITH ACCESS CODES</h3>		Export Product-list January 2018  TECNODIMENSIONE®		
	Programmable and modifiable without limitations directly on site using the keypad (by entering the proprietary programming code, that can also be customised on-site). Length of access code: 2-8 digits (programmable). - With screw-type terminal box for conventional cables for connection to control panel (for independent use with any system also from different manufacturer). - 8 alphanumerical keys + Enter key for entering the codes.		- 2VDC/70 mA power supply. - NO → NC output contact (for code recognition), 12VDC/1A rating for door opening control, timed at app. 5 seconds. - 1 self-adhesive cover in polycarbonate, 180x30mm R2,5 - thickness 0.3mm, with international symbols, available in 7 colours, designed to be applied after the final installation of the system. - two-color R/G LED + buzzer to confirm the opening of the door.	
	Models for 12Vdc/70mA power supply		MODELS	N°
Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel * 	SLIM-CODEGUARD access code keypad, Type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without a 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 1.6mm. Complete with self-adhesive cover designed to be applied after the final installation of the system. * In this case it is advisable to prepare the recess during the door frame machining.		034991NM2U	
	Same with front panel and gap G for sections with a thickness of 3mm.		034991NM2U3	
Assembly type 2 fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ♦ 	SLIM-CODEGUARD access code keypad, Type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Supplied with front flange in anodized aluminium with "silver" finish - 250x50mm, thickness 2.5mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. ♦ In this case, it is advisable to prepare sunk milling during the panel machining phase.		034992NM2U	
Assembly type 3 for conventional flush mounting with front flange overlapping door frame 	SLIM-CODEGUARD access code keypad, Type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250x50mm, thickness 4mm for flush mounting. Cover pre-assembled and fixed into the flange niche. Mounting can be carried out "on site", directly onto the installed door frame.		034993NM2U	
Assembly type 4 for surface mounting with using housing 	SLIM-CODEGUARD access code keypad, Type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35x25x215mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. Useful when you wish to avoid recess-mounting or cuts on the door frame.		034994NM2U	
Assembly type 5 for recessed wall-mounting with flange and wall-mounting receptacle 	SLIM-CODEGUARD access code keypad, Type 5 for recessed assembly using flange and wall box. Supplied with front flange in anodized aluminium with "silver" finish - 250x50mm, thickness 4mm, 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 (65x30x230mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the keypad. Wall niche and cable channel to be prepared beforehand.		034995NM2U	

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

For sizes, measurements and details of chasing, application examples and connection diagrams, see page 33.

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

ACCESS CONTROL SYSTEM



SLIM-PASSGUARD

PROFESSIONAL PROXIMITY BADGE READERS

Export Product-list

January 2018



TECNODIMENSIONE®

Ordering information

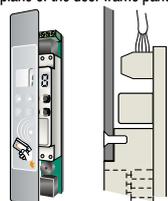
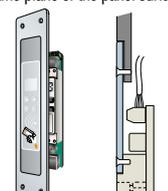
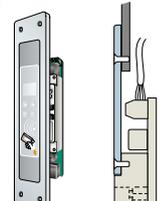
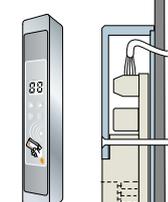
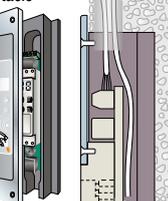


Q.ty

MODELS

N°

Models for 12 VDC power supply

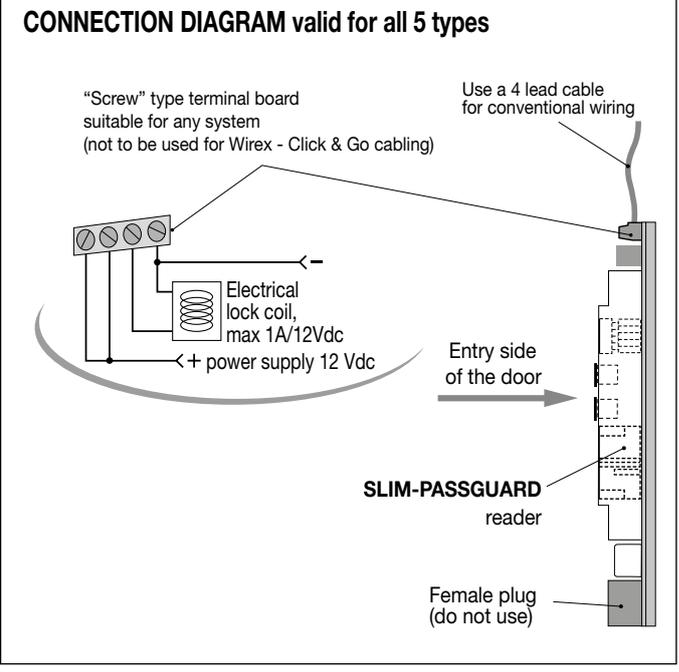
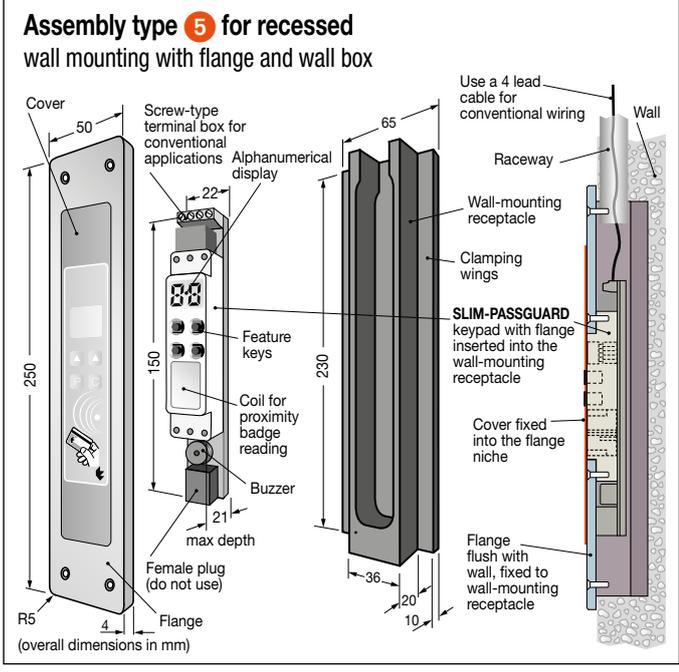
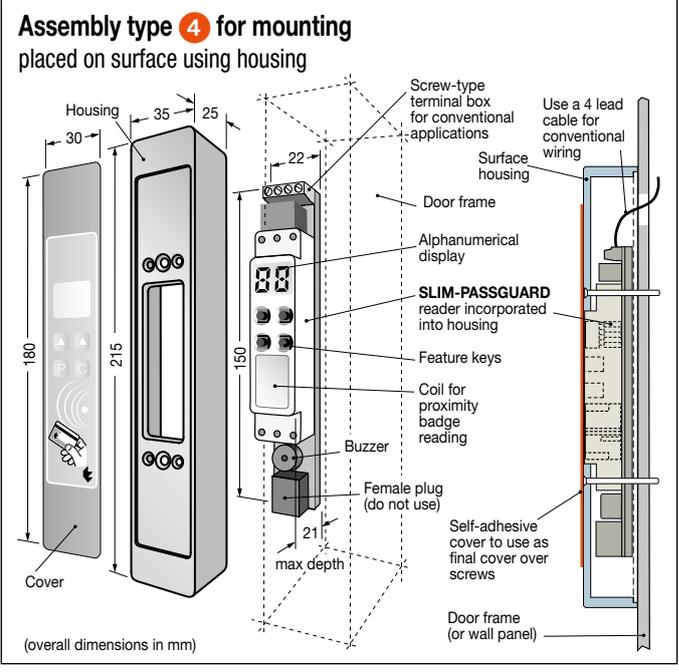
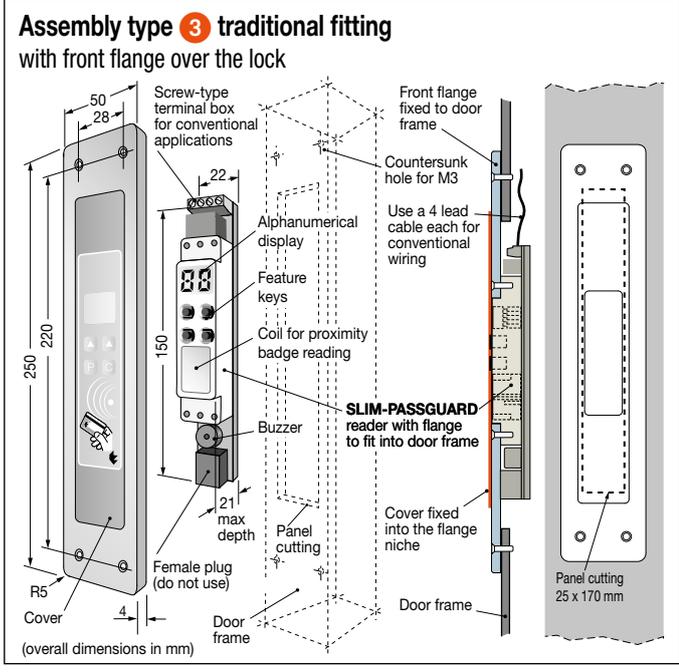
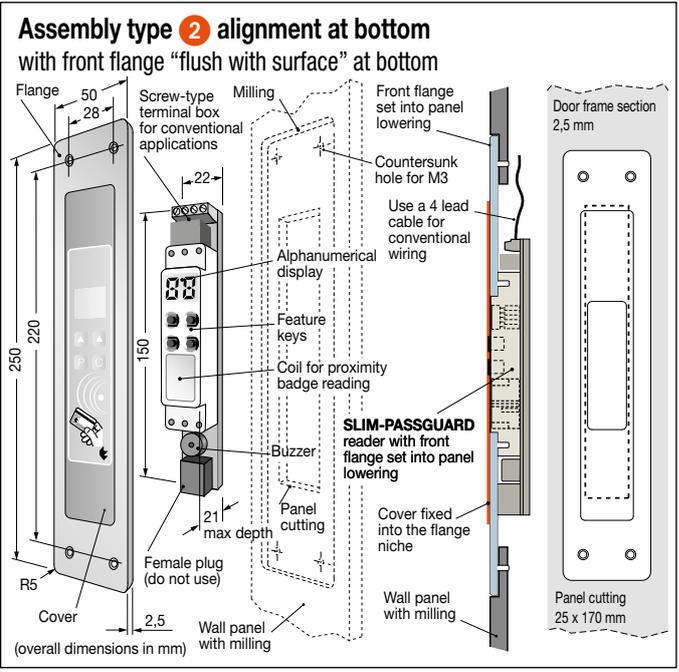
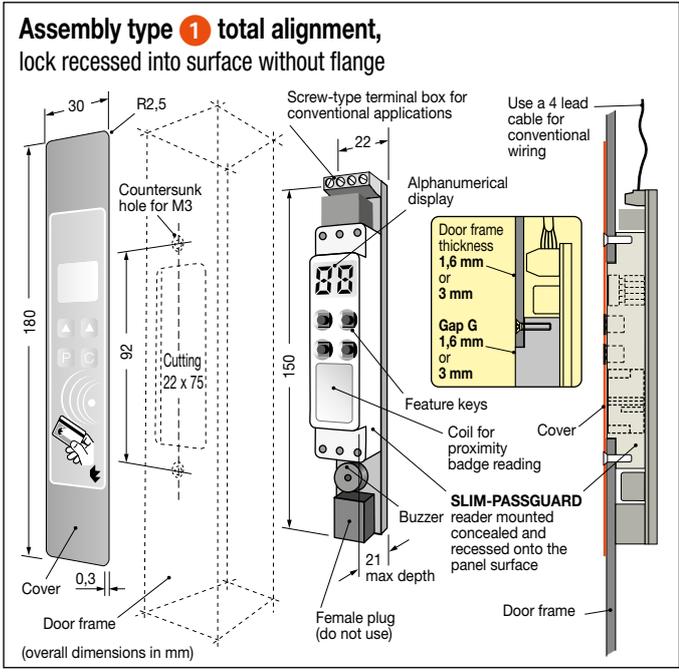
<p>Assembly type 1 fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel *</p> 	<p>SLIM-PASSGUARD proximity badge reader type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "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>	

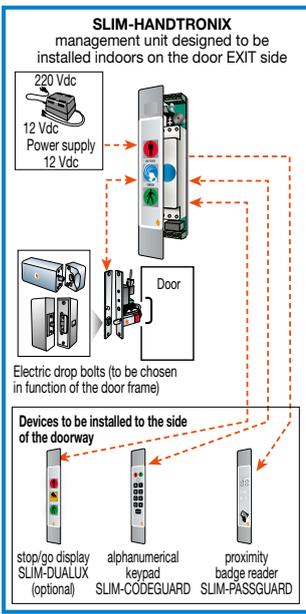
Special configurations available at extra charge: Cover with your logo and/or customized.

For sizes, measurements and details of chasing, application examples and connection diagrams, see page 35

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

ACCESS CONTROL SYSTEM





SLIM-HANDTRONIX (no touch)

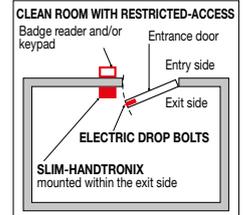
PROFESSIONAL TECNODIMENSIONE MICRO STAND-ALONE CONTROL UNIT FOR THE MANAGEMENT OF SINGLE DOORS

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** Electric drop bolt/door strike program
- 3rd** Tamper protection
- 4th** Optical and/or acoustic signals
- 5th** Output for remote signals

ENTRANCE TO RESTRICTED AREA IS ALWAYS PROTECTED AND CONTROLLED.



GENERAL CONSIDERATIONS

In Clean room plants, it happens that the entrance to some rooms is not subjected by crossing tunnel (filter) arranged with interlocked doors; in other words it is possible to enter the area through one single door only.

However, usually the door is supervised by proper keypad device and/or badge reader to permit the access to the persons only that are specifically authorised and process then own badge or by entering the valid code.

It is a matter of fact that currently, even advanced, keypads and badge readers etc. are designed to provide a temporized command to electrical locks, but are not equipped with logic to control the bolt movement (the automatic returning projection of the bolt in locking position).

Now thanks to the Tecnodimensione SLIM-HANDTRONIX unit, every access-control devices is in condition to manage any type of solenoid bolt, electromagnet, electrical door strike... it is not necessary to use control unit with substantial cost saving.



1st

TIMED UNLOCKING COMMAND WITH AUTOMATIC RE-LOCKING (time required to authorise the door opening)

Temporization: timed unlocking command - settable as desired (1-8-20-60 sec.). When the electric "open door" command is given, from badge reader for example, a delay program allows the door lock to remain open for a preset interval (3 to 8 sec.), the time needed to push the door open and enter. When the interval ends the door lock re-locks itself automatically, even if the door isn't open, thus preventing unauthorised intrusions.

temporary unlocking: (open unlatched)

In case of maintenance, cleaning, moving, etc., the door can be set "open unlatched", only by a proper command, which allows an unlimited number of door openings without the electrical lock be operated after each passage.

2nd

ELECTRIC DROP BOLT/DOOR STRIKE PROGRAM

Electric drop bolt (bolt movement control)

When authorized command is launched, and the door is pushed and opened for a transit, the bolt of the lock stands "retracted" and it will return "projected" in locking position, just only when the door-leaf will be pull over to the doorpost again.

In this way, a classic door closer (pump) can completely set the door ajar without facing any mechanical resistance and friction.

Electric door strike

When commanded to open, the counter spring wing of the door strike is released for the programmed time, but re-locks as soon the leaf of the door is opened to prevent rebounding while the door is reapproaching to shut up.

3rd

TAMPER PROTECTION

When in stand-by the door is locked, the unit supervises the door-proximity sensor against the tamper aiming to switch its own contacts.

In other words, in stand-by condition, the locking of the bolt is not affected by interruption or alteration of the magnetic field of the reed sensor.

4th

OPTICAL AND/OR ACOUSTIC ALARMS

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

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

5th

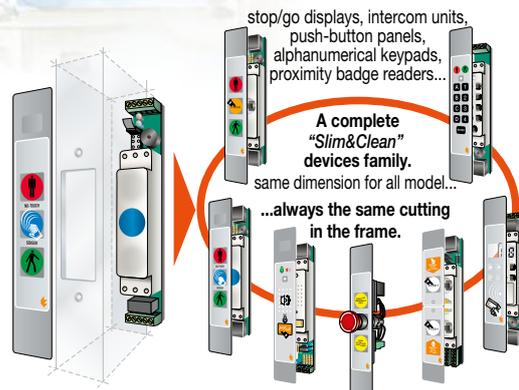
OUTPUT FOR REMOTE SIGNALS

Corresponding to "door proximity status" + "bolt status" (bolt projected or retracted) to confirm remotely that the door is closed & locked.

In addition it is provided with connection to arrange door opening by remote push buttons.

What's more it's also MODULAR

Is the exact same shape and size as all other devices of "Clean room" line, and therefore is interchangeable and can be recess mounted as desired in the same cutting and doorframe fittings.



SLIM-HANDTRONIX (no touch) STAND ALONE UNIT FOR THE MANAGEMENT OF SINGLE DOORS



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.

This unit provides the following innovative features:

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

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

- **Tamper protection:** When in stand-by the door is locked, the unit supervises the door-proximity sensor against the tamper aiming to switch its own contacts. In other words, in stand-by condition, the locking of the bolt is not affected by interruption or alteration of the magnetic field of the reed sensor.
- **Optical and/or acoustic alarms:** These signals report if there is a problem with the door. The built-in buzzer activates and the lights of the Stop/Go display flash to signal the following conditions:
 - If the door after an authorized transit stays open over a 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 read for example. - 12 Vdc/120 mA power supply.

Export Product-list
January 2018



TECNODIMENSIONE®

Ordering information



Q.ty

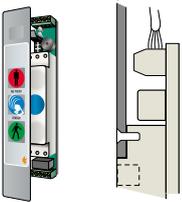
Models for 12 Vdc power supply

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 1.6mm. Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10cm 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.**

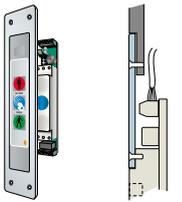
034991HM

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

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).

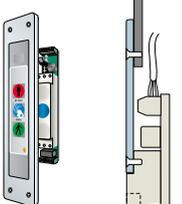
Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10cm away. Basically, the "contactless" door opening and/or doorbell command is automatically triggered by bringing the hand close to the unit, without actually touching it. Supplied with front flange in anodized aluminium with "silver" finish - 250x50mm, thickness 2.5mm 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 - 250x50mm, thickness 4mm for flush mounting.

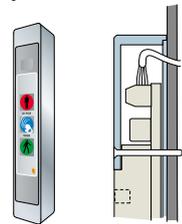
Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10cm away. Basically, the "contactless" door opening and/or doorbell command is automatically triggered by bringing the hand close to the unit, without actually touching it. Cover pre-assembled and fixed into 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 (35x25x215mm).

Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10cm away.

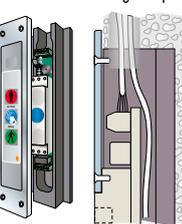
Basically, the "contactless" door opening and/or doorbell command is automatically triggered by bringing the hand close to the unit, without actually touching it. Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing 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. Fitted (instead of the manual push button) with an infrared sensor that "sees" a presence up to 10cm away. Supplied with front flange in anodized aluminium with "silver" finish - 250x50mm, thickness 4mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. 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 (65x30x230mm), 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.

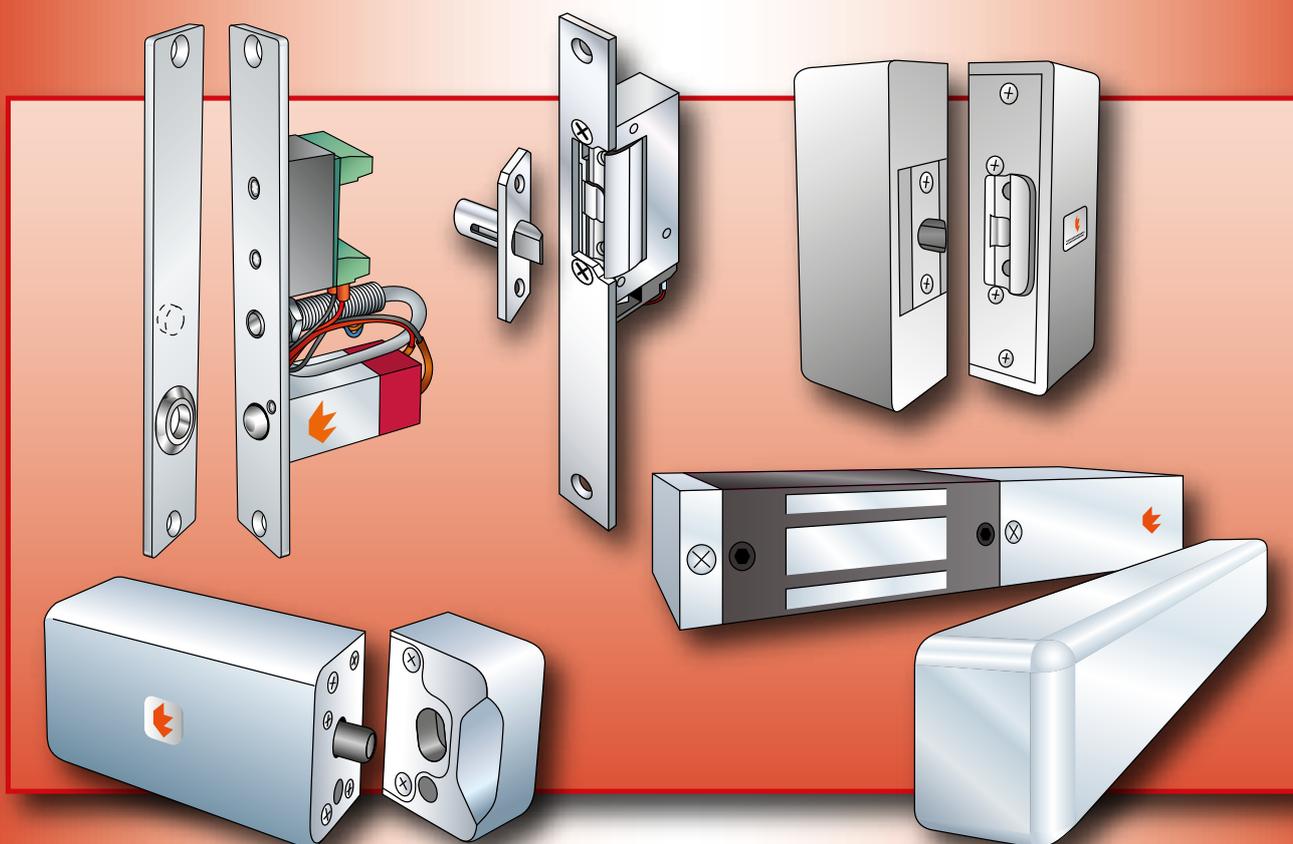
034995HM

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 38.



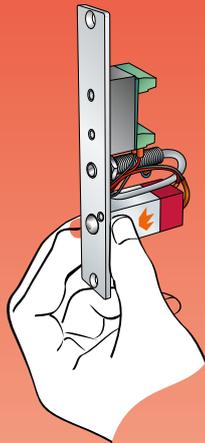
PROFESSIONAL ELECTRICAL LOCKS



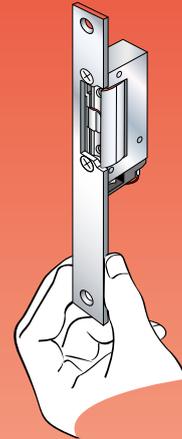
PROFESSIONAL ELECTRICAL LOCKS



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



**SLIM &
FAIL-SAFE**
ANTI-PANIC AUTOMATIC RELEASE



FOR FLUSH MOUNTING
&
ADAPTABLE TO ANY TYPE OF FRAME

*flexi*con
MULTIFUNCTIONAL
INPUTS/OUTPUTS

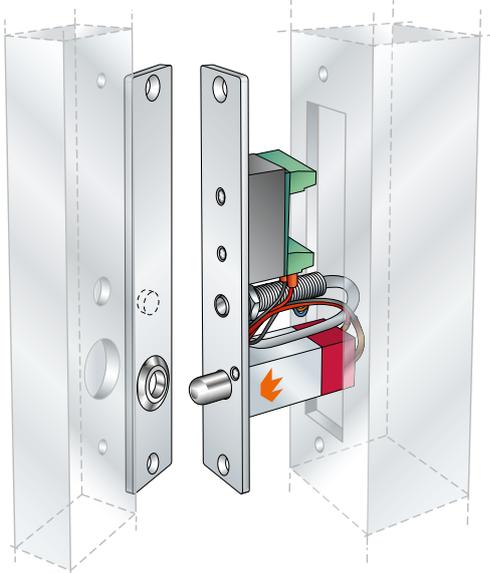
PROFESSIONAL ELECTRICAL LOCKS



“SLIM&FAIL-SAFE”

MICRO ELECTRICAL DROP BOLTS, ELECTRICAL DOOR STRIKES

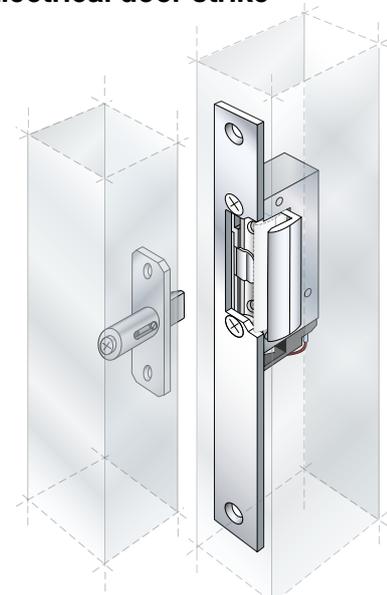
Micro electrical drop bolt



SLIM-MICROREDLOCK

Anti-panic “fail-safe” models (designed to disengage in the event of power failure). With door proximity sensor, flange and reference counterflange. Enables the doors to be closed with a steel bolt head.

Electrical door strike

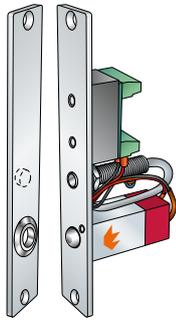


SLIM-DOORSTRIKE

Anti-panic “fail-safe” model (designed to disengage in the event of power failure). With RR sensor to control the door status and front plate for recess-mounting. Available on request with self-lubricating and adjustable bolt.



TECNODIMENSIONE
security with style



SLIM-MICROREDLOCK

PROFESSIONAL TECNODIMENSIONE ELECTRICAL DROP BOLT

Anti-panic "fail-safe" models (designed to disengage in the event of power failure). With door approaching sensor, flange and reference counterflange. Enables the doors to be closed with a steel bolt head.

One unit... for 4 different needs.

- 1st Conventional wiring installation with screw-type terminal board via converter = **FLEXICON**
- 2nd Ultra-slim and compact design to suit all door frame sections = **SLIM**
- 3rd Equipped with Kit SCP to compensate distance between door frame and door-post. Adaptable to any type of frame = **REGOSTRIKE**
- 4th Fail-safe; it automatically unlocks in the event of power failure freeing the door for emergency exit also in the event of fire = **FAIL-SAFE**

**FOR FLUSH
MOUNTING**



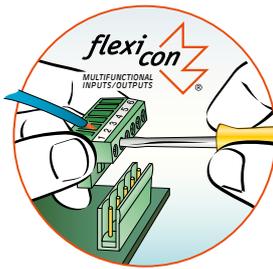
PERFECT FOR STERILE ROOMS.

1st flexi-con

MULTIFUNCTIONAL
INPUTS/OUTPUTS

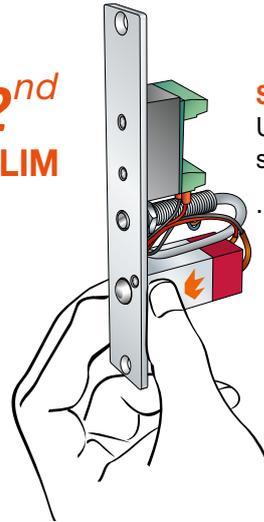
Ideal for the installation on existing door frames in combination with conventional wiring systems and to be interfaced with any control unit such as PLC, microprocessor boards or conventional electronics.....

... it's **FLEXICON!**



2nd SLIM

SLIM-MICROREDLOCK
Ultra-slim and compact for very small door frame profiles...
... it's **SLIM!**

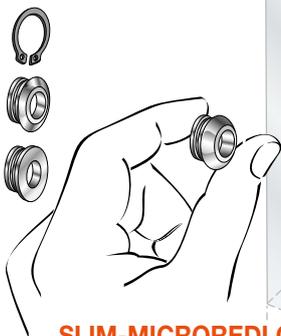


4th FAIL-SAFE



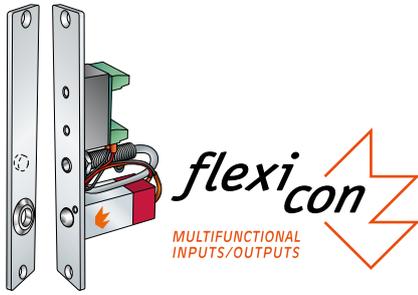
SLIM-MICROREDLOCK
Automatic fail-safe unlock = bolt "in" without power, bolt "out" when powered. In the event of fire or power failure it automatically unlocks freeing the exit...
... it's **FAIL-SAFE!**

3rd REGOSTRIKE



SLIM-MICROREDLOCK
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!**



PROFESSIONAL ELECTRICAL DROP BOLTS
SLIM-MICROEDLOCK
 "FLEXICON"
 with screw-type terminal board for conventional cabling

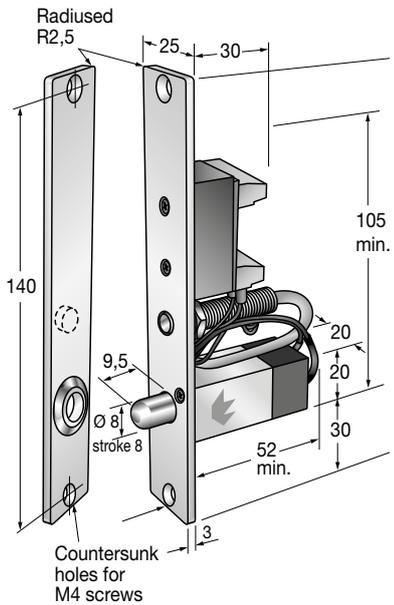
Export Product-list
 January 2018

TECNODIMENSIONE®

Micro electrical drop bolt for recess mounting with flange and counterflange in anodised aluminium with "silver" finish. Ideal for "clean rooms".

Ordering information 			Q.ty
MODELS			N°

SLIM-MICROEDLOCK "FLEXICON"
 For recess mounting



Series REDLOCK (fail safe) "anti-panic" model = The bolt head "projects" when the coil is powered or otherwise "retracted".
In the event of fire, the SLIM-MICROEDLOCK electrical drop bolt is automatically released to enable a safe and controlled evacuation.

Models for 12Vdc power supply

SLIM-MICROEDLOCK micro-electronic lock for recess-mounting with "FLEXICON" technology, with screw-on terminal box for conventional wiring to any management unit, such as PLCs, microprocessor boards or conventional electronics.
 - Fail-safe (anti-panic) version with 100% ED coil 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.

00803A2FZM

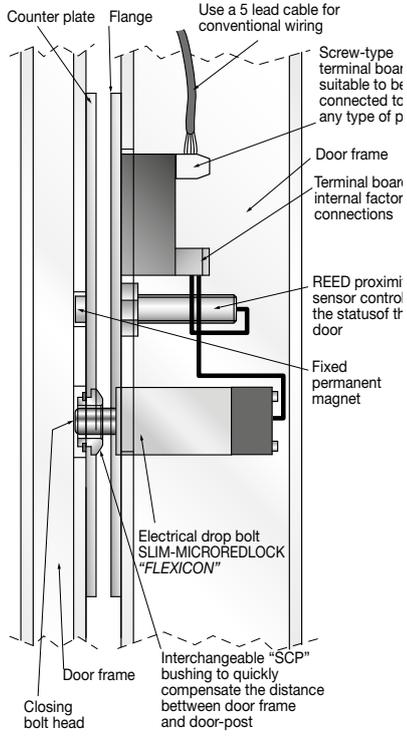
Models for 24Vdc power supply

SLIM-MICROEDLOCK electrical drop bolt for recess mounting with "FLEXICON" technology, as above, but for 24 Vdc/200 mA power supply.

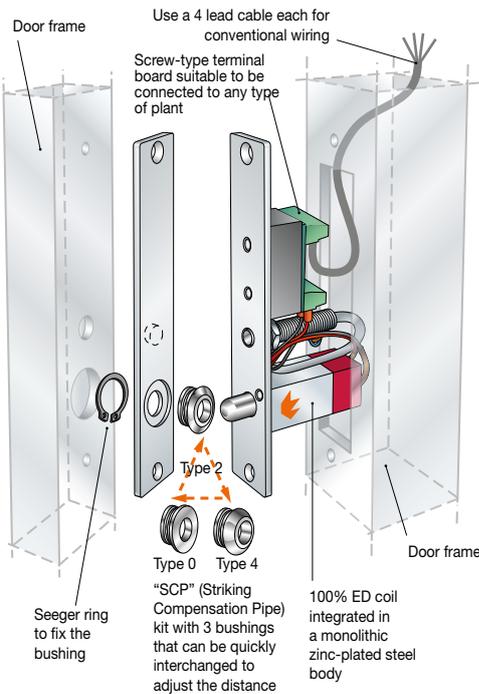
00803A4FZM

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.

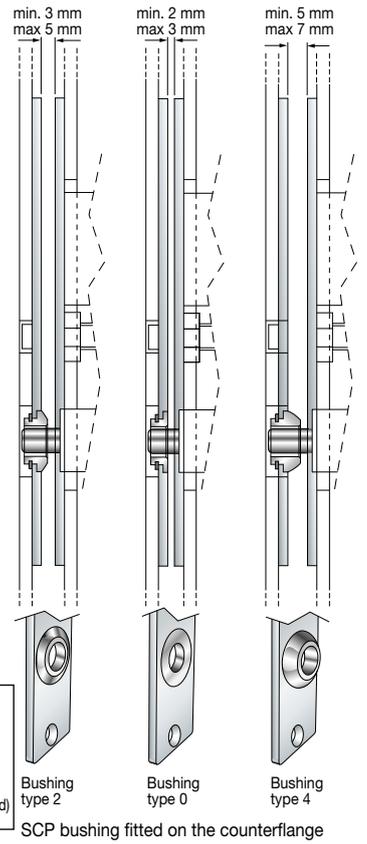
EXAMPLE OF RECESS-MOUNTING ON THE DOOR FRAME



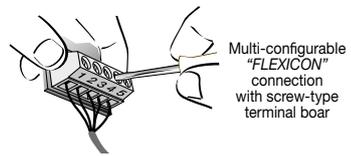
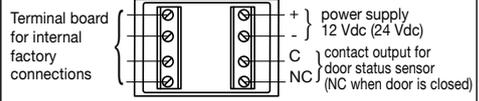
WIRING EXAMPLE



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



TERMINAL BOARD CONNECTIONS

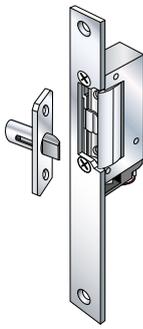


SLIM-DOORSTRIKE

PROFESSIONAL TECNODIMENSIONE ELECTRICAL DOOR STRIKE

Anti-panic "fail-safe" model (designed to disengage in the event of power failure) with RR sensor to control the door status and front plate for recess-mounting. Available on request with a mini spring bolt and adjustable self-lubricating bolt.

FOR FLUSH MOUNTING



One unit... for **4** different needs.

- 1st** Conventional wiring installation with screw-type terminal board via converter = **FLEXICON**
- 2nd** Ultra-slim and compact design to suit all door frame sections = **SLIM**
- 3rd** Sensor controlling the door status and adjustable counter latch = **REGOSTRIKE**
- 4th** Fail-safe; it automatically unlocks in the event of power failure freeing the door for emergency exit also in the event of fire = **FAIL-SAFE**



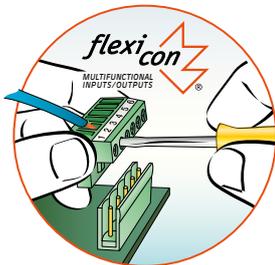
PERFECT FOR STERILE ROOMS.

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!**

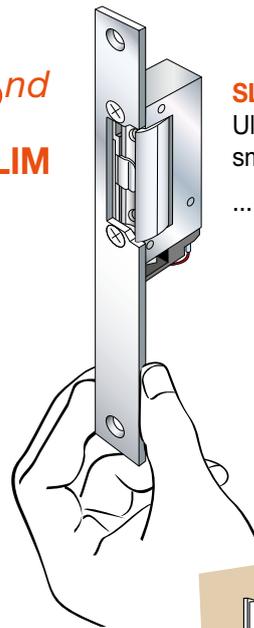


2nd SLIM

SLIM-MICROREDLOCK

Ultra-slim and compact design for very small door frame profiles...

... it's **SLIM!**



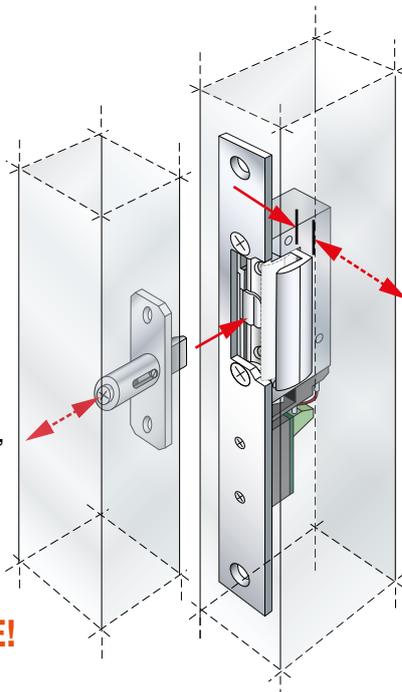
4th FAIL-SAFE

3rd REGOSTRIKE

SLIM-DOORSTRIKE

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...

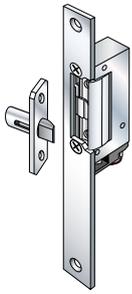
... it's **REGOSTRIKE!**



SLIM-DOORSTRIKE

Automatic fail-safe unlock = bolt "in" without power, bolt "out" when powered. In the event of fire or power failure it automatically unlocks freeing the exit...

... it's **FAIL-SAFE!**



flexicon
MULTIFUNCTIONAL
INPUTS/OUTPUTS

PROFESSIONAL ELECTRICAL DOOR STRIKE
SLIM-DOORSTRIKE
"FLEXICON"
with screw-type terminal board for conventional cabling

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January 2018



TECNODIMENSIONE®

Electrical door strike for recess-mounting.
Ideal for "clean rooms".

Ordering information

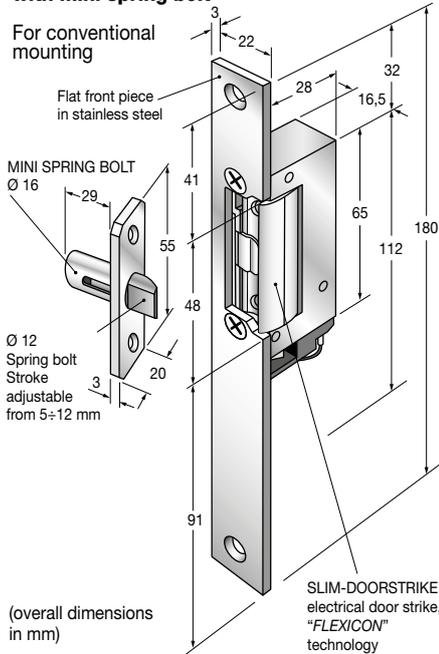
Q.ty

MODELS

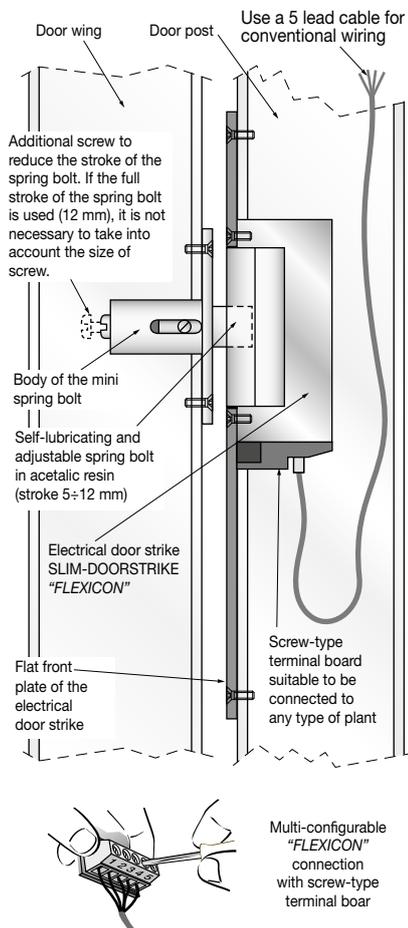
N°

SLIM-DOORSTRIKE "FLEXICON" with mini spring bolt

For conventional mounting



EXAMPLE OF RECESS-MOUNTING ON THE DOOR FRAME



Series SLIM-DOORSTRIKE (fail-safe) "anti-panic" model = Disengages in the event of power failure.
If a fire breaks out and no power is available, the electrical SLIM-DOORSTRIKE automatically disengages to allow a safe evacuation.

Models for 12 Vdc power supply

SLIM-DOORSTRIKE electrical door strike for flush mounting, "FLEXICON" technology, with one 8-pole RJ45-8 quick fitting female connector for immediate connections.
- Fail-safe (anti-panic) version with 100% ED coil for a continuous operation
- RR microswitch sensor controlling the door status
- Adjustable counter latch
- 12 Vdc/280 mA power supply
Supplied with flat front plate in stainless steel.

0158J12RM

Models for 24Vdc power supply

SLIM-DOORSTRIKE electrical door strike for flush mounting, "FLEXICON" technology, same characteristics as the model above but for a 24Vdc/140 mA power supply.

0158J14RM

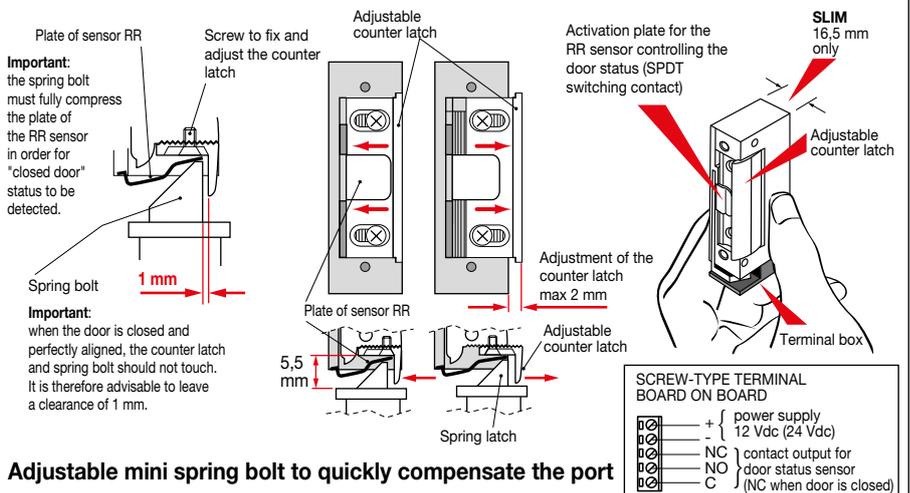
Accessory (optional)

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.

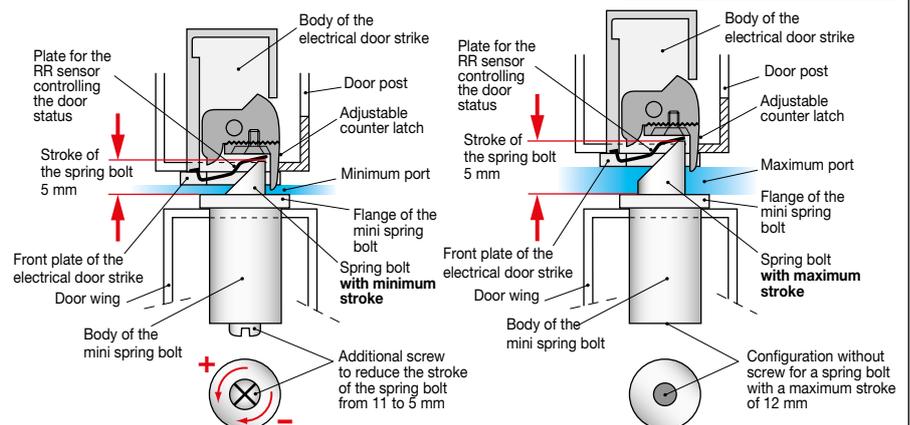
004910K

Note: on request, electrical SLIM-DOORSTRIKE can even be supplied with front plate in anodised machined aluminium, with customised shape, for alignment and mounting without visible cuts on custom profiles with rounded sections ("CLEAN" versions).

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



Adjustable mini spring bolt to quickly compensate the port



innovation

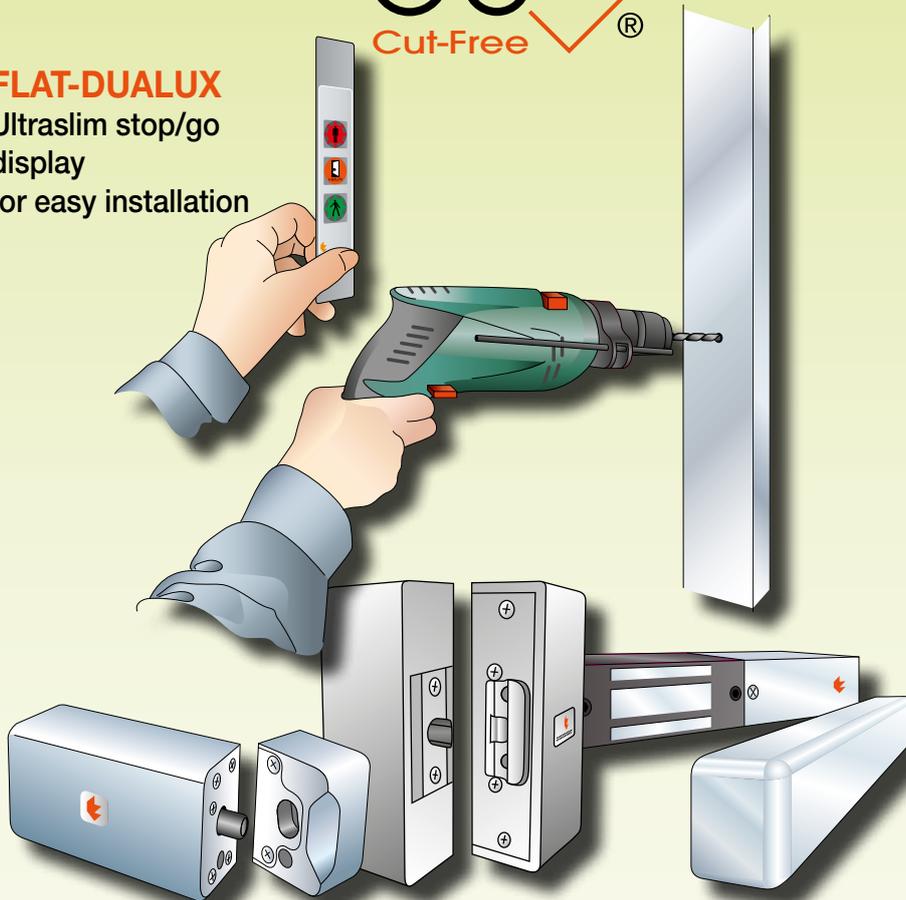
of news
Tecnodimensione
products in progress

for managing door systems and professional electrical locks

with technology

**DRILL &
GO**
Cut-Free®

FLAT-DUALUX
Ultraslim stop/go
display
for easy installation



MICROREDLOCK, SLIM-DOORSTRIKE, SLIM-MINISENTRYLOCK
surface mount electrical locks in CLEAN-COVER housing for easy installation

INNOVATION



TECNODIMENSIONE
security with style

*flexi*con
MULTIFUNCTIONAL
INPUTS/OUTPUTS

FLAT-DUALUX

Ultraslim stop/go display for easy installation

innovation

with technology

FLAT-DUALUX
Ultraslim 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.

INNOVATION

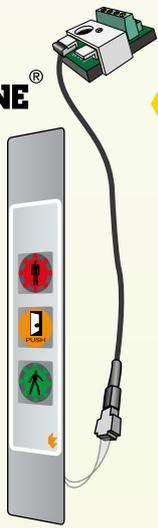


TECNODIMENSIONE
security with style

*flexi*con[®]
MULTIFUNCTIONAL
INPUTS/OUTPUTS

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.



innovation



**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 STERILE ROOMS

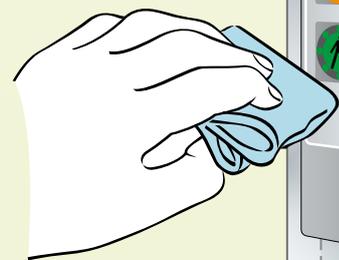


1st flexicon
MULTIFUNCTIONAL INPUTS/OUTPUTS

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**

4th CLEAN



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!**

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

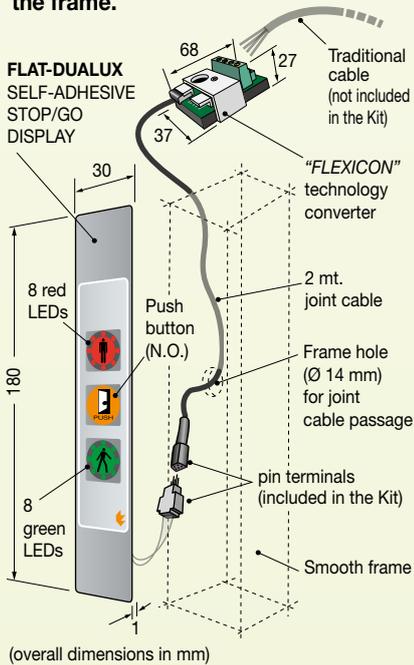
Complete with connection cable and FLEXICON converter for conventional wiring with screw type terminal board

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

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

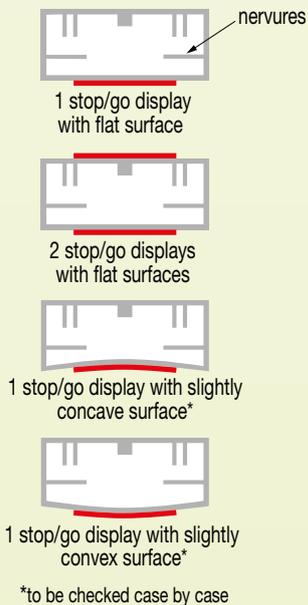
A SINGLE UNIT FOR **2** TYPES OF UNIVERSAL INSTALLATION

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



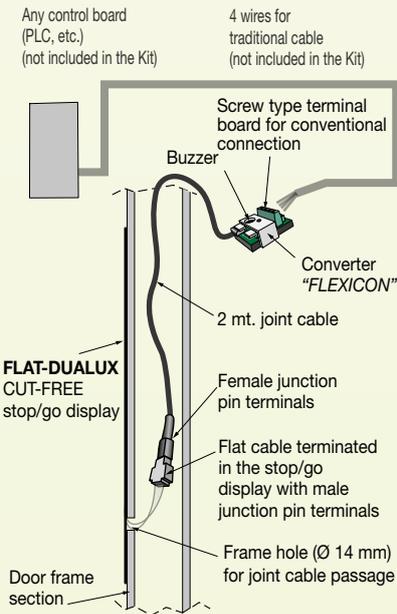
No cutting or work on the internal frame nervures

compatible smooth surfaces



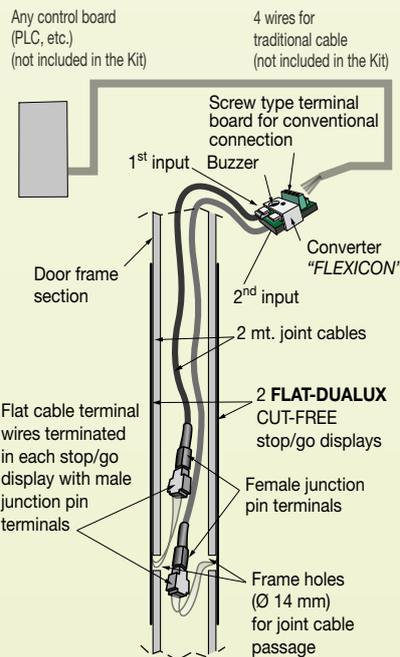
Kit 1 for one door - for example "pass box"

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

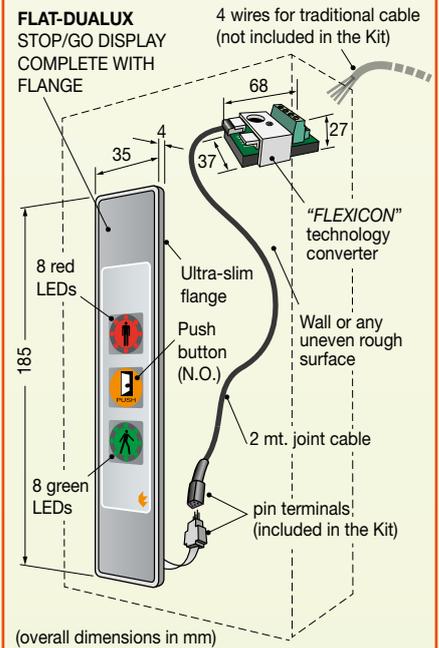


Kit 2 for one door - for example "interlocking system"

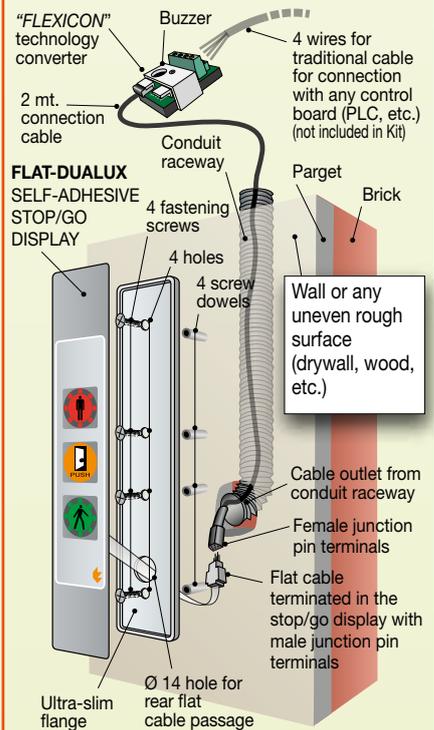
- composed of:
- n. 2 FLAT-DUALUX stop/go displays (type 6 or 7)
 - n. 2 joint cables
 - n. 1 "FLEXICON" converter



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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January 2018



TECNODIMENSIONE®

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

Ordering information



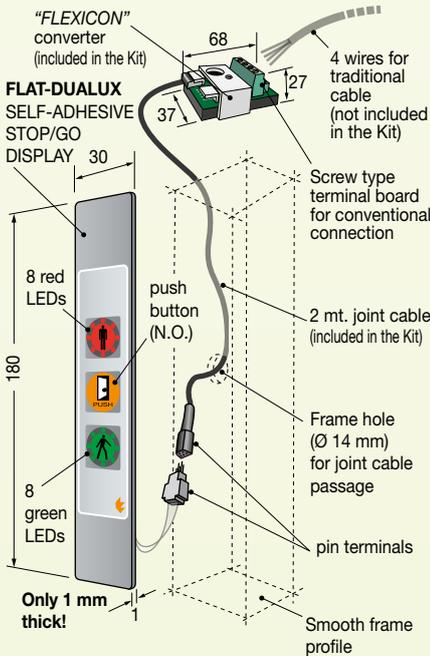
Q.ty

MODELS

N°

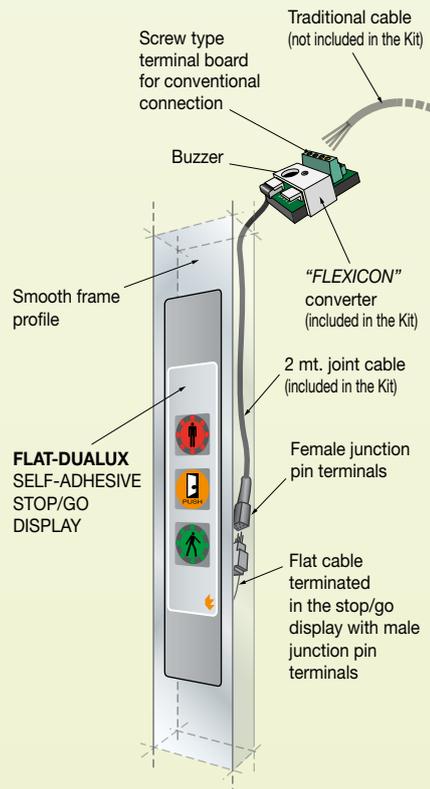
FLAT-DUALUX CUT-FREE ultra-slim with "FLEXICON" technology

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 such as PLC, microprocessor boards or conventional electronics. 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 - for example "pass box" 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

Kit 2 for "interlock" type 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

034986CMF2K1
(complete Kit 1)

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

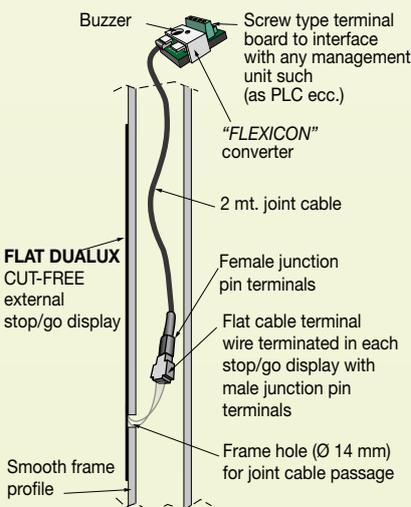
Kit 1 for one door - for example "pass box"

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)



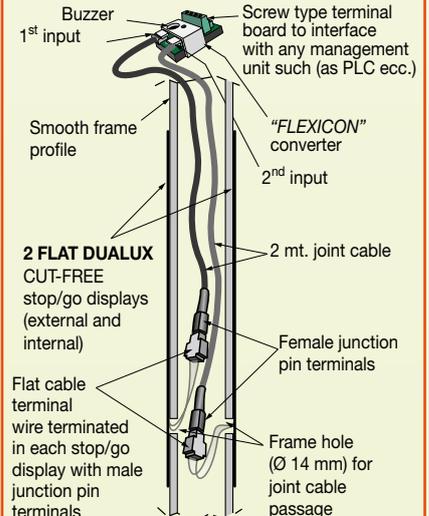
Kit 2 for "interlock" type door

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)

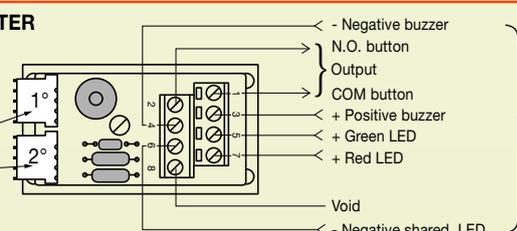


FLEXICON CONVERTER WIRING DIAGRAM

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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January 2018



TECNODIMENSIONE®

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

Ordering information



Q.ty

MODELS

N°

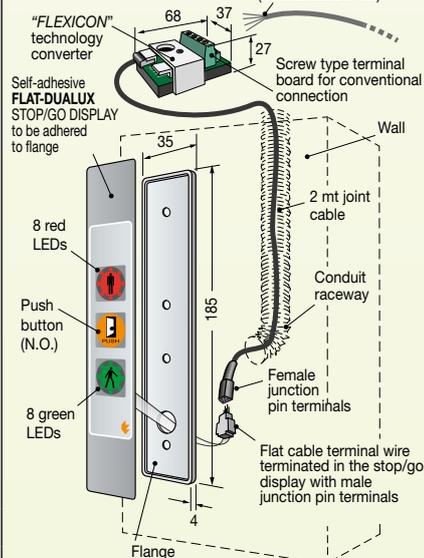
Type 7 on the "SAME PLANE"

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

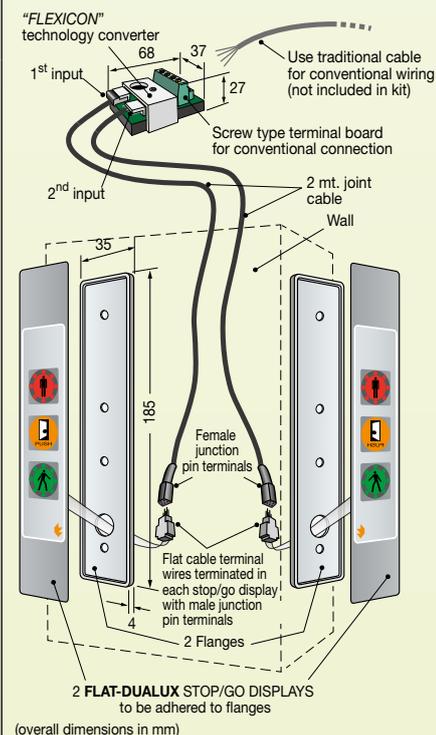
Use traditional cable for conventional wiring (not included in kit)



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 such as PLC, microprocessor boards or conventional electronics.

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 - for example "pass box" 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

Kit 2 for "interlock" type 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

Models for 24Vdc power supply (on request)

FLAT-DUALUX ultra-slim type 7 stop/go display, with "FLEXICON" technology

- Kit 1 same characteristics as the model above but for a 24Vdc/40 mA power supply.
- Kit 2 same characteristics as the model above but for a 24Vdc/80 mA power supply.

034987CMF2K1
(complete Kit 1)

034987CMF2K2
(complete Kit 2)

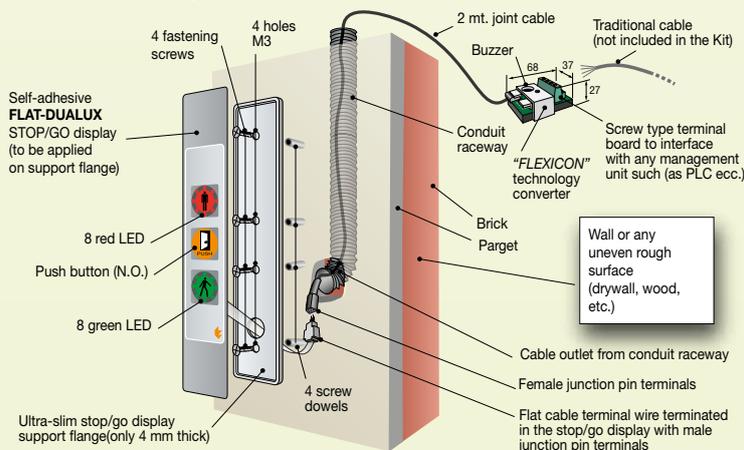
034987CMF4K1
(complete Kit 1)
034987CMF4K2
(complete Kit 2)

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.

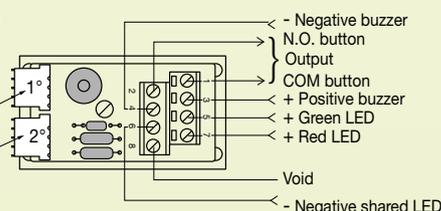
Example of FLAT-DUALUX type 7 stop/go display application complete with ultra-slim support flange for uneven surfaces



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)



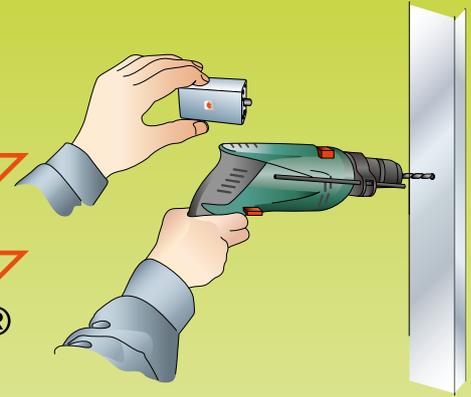
Terminal board for conventional wiring to any control board (PLC, etc.)

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

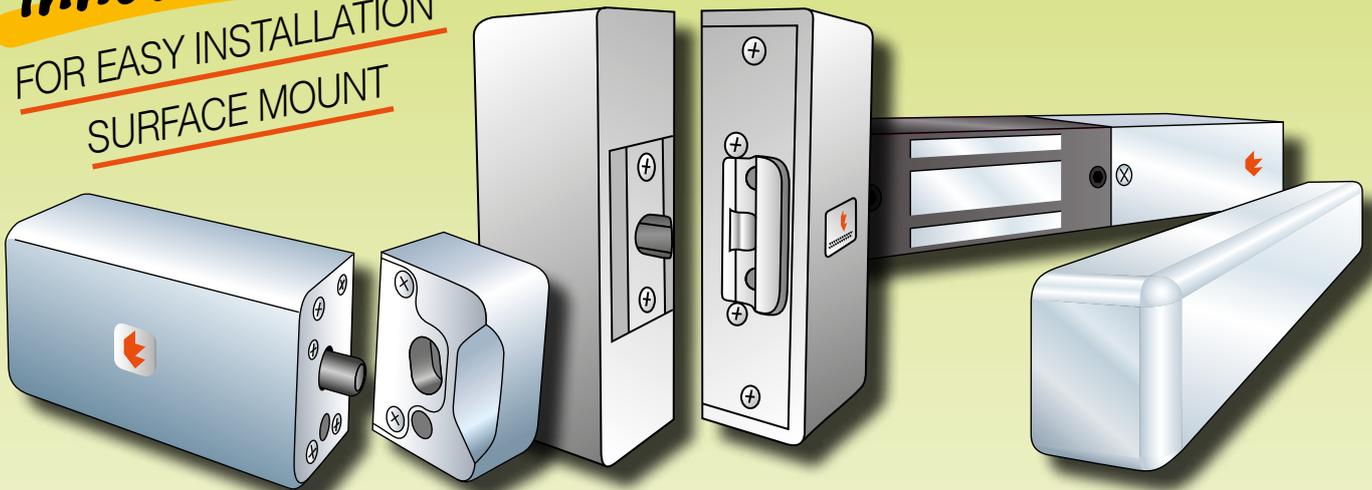
No cutting the frame
no work on internal frame grain!

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

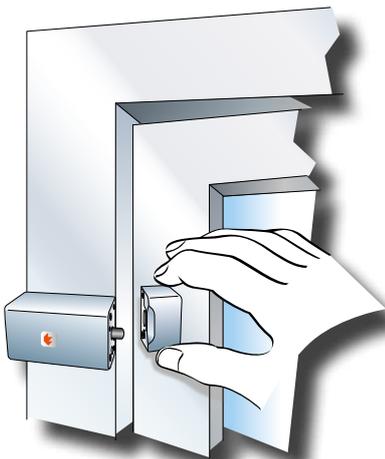
DRILL&GO
Cut-Free®



innovation
FOR EASY INSTALLATION
SURFACE MOUNT



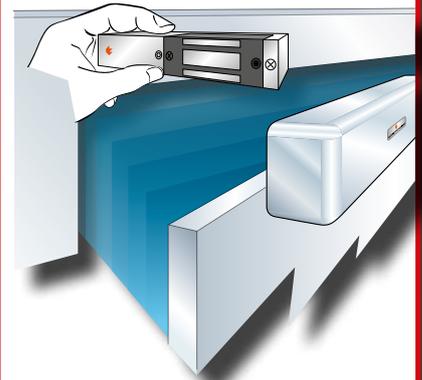
MICROREDLOCK
in "CLEAN COVER"
for surface-mounting



SLIM-DOORSTRIKE
in "CLEAN COVER"
for surface-mounting



SLIM-MINISENTRYLOCK
in "CLEAN COVER"
for surface-mounting



MICROREDLOCK, SLIM-DOORSTRIKE, SLIM-MINISENTRYLOCK

All provided with a "CLEAN COVER" made from silver-coloured, solid anodized aluminium, ultra-slim, designed to be easily installed on the door surface without any holes and/or cuts in the frame...
... it's **DRILL&GO CUT-FREE!**

INNOVATION



TECNODIMENSIONE
security with style



MICROREDLOCK SLIM-DOORSTRIKE SLIM-MINISENTRYLOCK

PROFESSIONAL TECNODIMENSIONE
ELECTRICAL LOCKS
easy installation surface mount

with technology

innovation

**DRILL &
GO**
Cut-Free



No cutting the frame
no work on
internal frame grain!

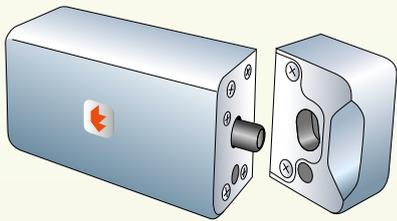
Only a portable drill is needed
to easily install
DRILL&GO devices on any frame.

INNOVATION



TECNODIMENSIONE
security with style

flexicon
MULTIFUNCTIONAL
INPUTS/OUTPUTS



FOR SURFACE MOUNTING

innovation



MICROREDLOCK in "CLEAN COVER" for surface mount PROFESSIONAL TECNODIMENSIONE ELECTRICAL DROP BOLTS

For easy surface mount with full coverage
"CLEAN COVER" made by solid block of anodised aluminium.

One unit... for 4 different needs.

- 1st** No frame cutting nor work on internal nervures.
Just drill to install = **DRILL&GO CUT-FREE**
- 2nd** Conventional wiring installation with screw-type terminal board = **FLEXICON**
- 3rd** Housed into CLEAN COVER fully made by a solid block of anodised aluminium, easy to clean with appropriate detergents = **CLEAN**
- 4th** Fail-safe; it automatically unlocks in the event of power failure freeing the door for emergency exit also in the event of fire = **FAIL-SAFE**

IDEAL FOR SURFACE APPLICATIONS
ON "CLEAN ROOM" LOCKS.

**1st
DRILL&GO
CUT-FREE**

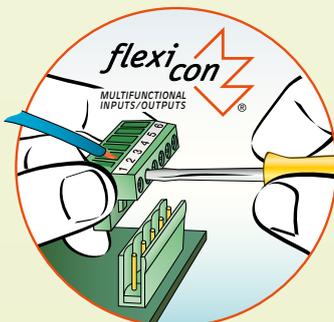


MICROREDLOCK
it is ultra-slim, designed to be easily installed on the door surface without any holes and/or cuts in the frame...
... it's **DRILL&GO CUT-FREE!**

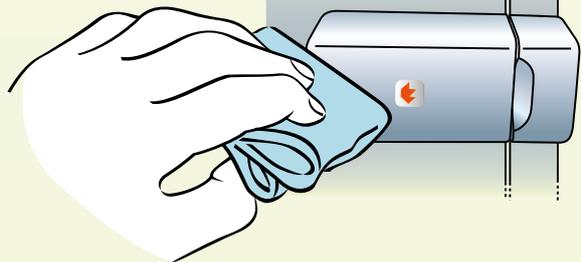
2nd flexi con
MULTIFUNCTIONAL INPUTS/OUTPUTS

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!**



3rd CLEAN

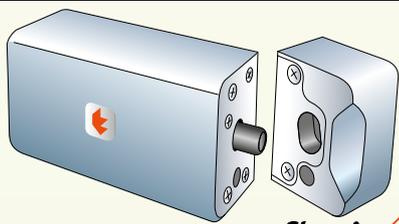


MICROREDLOCK
housed into protective smooth "CLEANCOVER" (roughness-free) ...
easy to clean with appropriate detergents...
... it's **CLEAN!**

**4th
FAIL-SAFE**



MICROREDLOCK
Automatic fail-safe unlock = bolt "in" without power, bolt "out" when powered. In the event of fire or power failure it automatically unlocks freeing the exit...
... it's **FAIL-SAFE!**



flexicon
MULTIFUNCTIONAL
INPUTS/OUTPUTS

UNIVERSAL ELECTRICAL DROP BOLTS

MICROREDLOCK

in "CLEAN COVER"
for surface-mounting

Export Product-list
January 2018



TECNODIMENSIONE

Mini-electrical drop bolt with full coverage "CLEAN COVER" made by solid block of anodised aluminium. Ideal for surface mount and surface applications on any type of "CLEAN ROOM" door frame.

Ordering information



Q.ty

MODELS

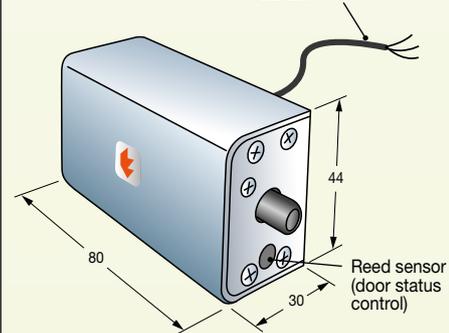
N°

MICROREDLOCK

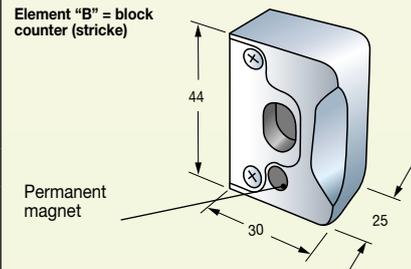
for surface mounting in protective "CLEAN COVER" housing

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)

Ultra compact MICROREDLOCK mini-electrical drop bolt housed 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.

Models for 12 Vdc power supply

MICROREDLOCK "FLEXICON" electrical drop bolt in "CLEAN COVER" case complete with 1 flying 3-lead cable 2 m long (factory pre-cabled on unit), from the door status Reed sensor + 1 screw terminal board on electrical drop bolt for power connections. Protective Anticorodal, anodised and mechanically brushed aluminium "CLEAN COVER" made by solid block for easy installation with concealed retractable non-removable bracket.

The kit contains two components:

element "A": is the case that includes the electrical drop bolt to be secured on the door counter frame.

element "B": is the loose reference bolt to be secured on the door leaf frame matching element "A".

- FAIL-SAFE (anti-panic = unlock without power) version with 100% ED coil for a continuous operation.
- Includes a Reed sensor to control door status.
- Power supply 12 V DC/390 mA.
- Element A dimensions 80 x 30 x 44 mm
- Element B dimensions 25 x 30 x 44 mm
- Weight g 320

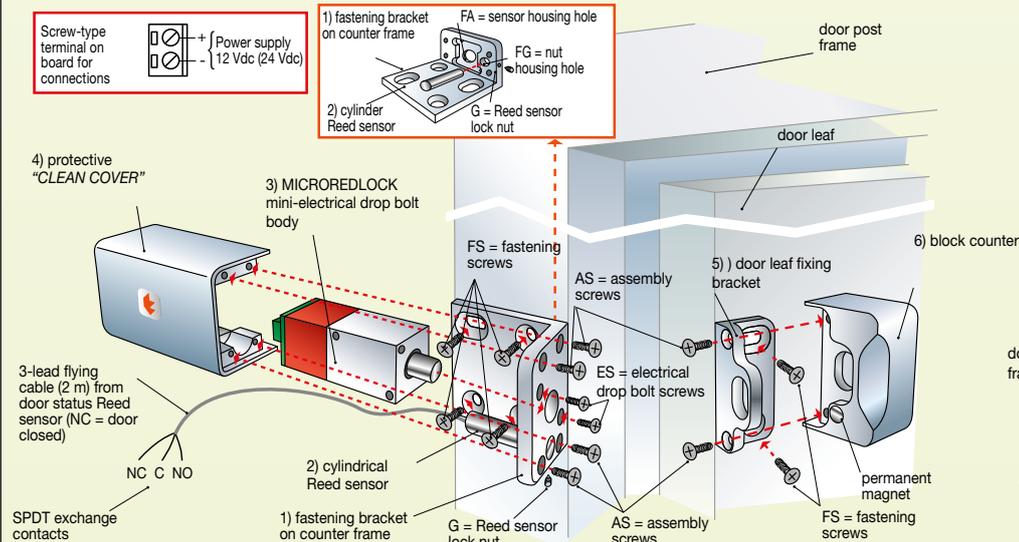
00803A2RCZM
Lh/Rh reversible

Models for 24Vdc power supply (on request)

Models with 24Vdc power supply (on request)
Mini-electrical drop bolt for MICROREDLOCK "FLEXICON" surface mount in "CLEAN COVER" like above but with 24Vdc/140mA power.

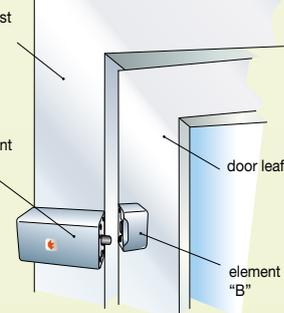
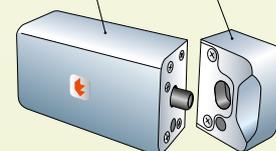
00803A4RCZM

MICROREDLOCK mini-electrical drop bolt in "CLEAN COVER" installation method



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

element "A" (mini-electrical drop bolt) element "B" (block counter)



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.

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:

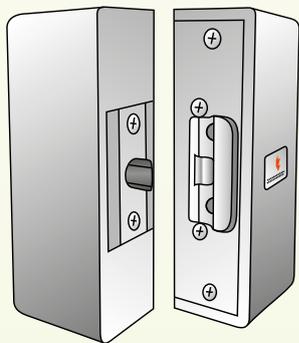
- secure the bracket (1) on the counter frame with the four FS fastening screws.
- place the cylinder Reed sensor (2) in the matching FA hole.
- lock the sensor by screwing the G nut into the FG hole.
- secure the mini-electrical drop bolt body (3) to the bracket (1) with the two supplied ES screws.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



FOR SURFACE MOUNTING

innovation

SLIM-DOORSTRIKE

in "CLEAN COVER" for surface mount

PROFESSIONAL TECNODIMENSIONE

ULTRA COMPACT ELECTRICAL DOOR STRIKE

For easy surface mount with full coverage "CLEAN COVER" made by single block of anodised aluminium.

One unit...

for 4 different needs.

- 1st No frame cutting nor work on internal nervures. Just drill to install = **DRILL&GO CUT-FREE**
- 2nd Conventional wiring installation with screw-type terminal board = **FLEXICON**
- 3rd Housed into CLEAN COVER fully made by single block of anodised aluminium, easy to clean with appropriate detergents = **CLEAN**
- 4th Fail-safe; it automatically unlocks in the event of power failure freeing the door for emergency exit also in the event of fire = **FAIL-SAFE**

IDEAL FOR SURFACE APPLICATIONS ON "CLEAN ROOM" LOCKS.

1st

DRILL&GO CUT-FREE

DRILL&GO
Cut-Free®



SLIM-DOORSTRIKE

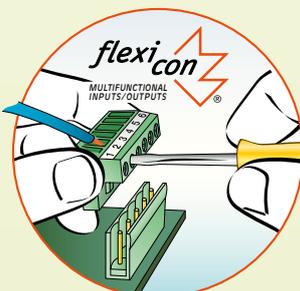
it is ultra slim, designed to be easily installed on the door surface without any holes and/or cuts in the frame...

...it's **DRILL&GO CUT-FREE!**

2nd **flexi-con**
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!**



3rd

CLEAN

SLIM-DOORSTRIKE

housed into protective smooth

"CLEAN COVER"

(roughness-free) ...

easy to clean with

appropriate detergents...

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



4th

FAIL-SAFE



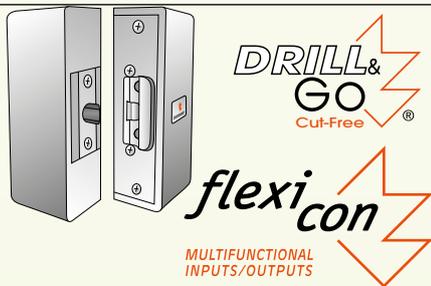
SLIM-DOORSTRIKE

Automatic fail-safe unlock.

In the event of fire or power failure it automatically unlocks freeing the exit...

... it's **FAIL-SAFE!**

INNOVATION



ULTRA COMPACT ELECTRICAL DOOR STRIKE

SLIM-DOORSTRIKE

in "CLEAN COVER"

by single block for surface mount

Export Product-list

January 2018



TECNODIMENSIONE®

Electrical door strike with full coverage "CLEAN COVER" made by single block of anodised aluminium. Ideal for surface mount and surface applications on any type of "CLEAN ROOM" door frame.

Ordering information



Q.ty

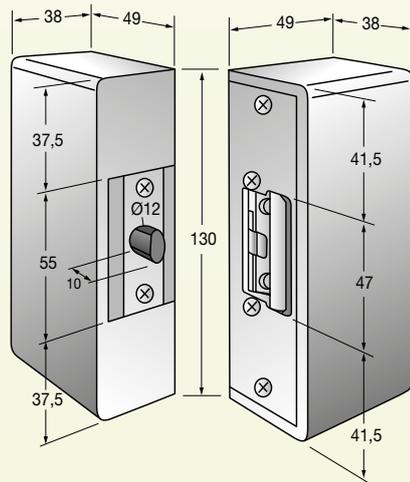
MODELS

N°

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

Element "A" =
CLEANCOVER housing
lock with mini spring bolt

Element "B" =
CLEANCOVER
housing with door strike



(overall dimensions in mm)

Ultra compact SLIM-DOORSTRIKE "FLEXICON" electrical door strike housed into 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.

Models for 12 Vdc power supply

SLIM-DOORSTRIKE electrical door strike for conventional mount with "FLEXICON" technology and screw terminal board for conventional connection to any system, even pre-existent. SLIM-DOORSTRIKE "FLEXICON" electric door strike with screw-type terminal board, suitable for connections with any control unit such as PLC, microprocessor boards or conventional electronics. The kit contains two components:

element "A": is the case that includes the electrical reference to be secured on counter frame.

element "B": is the loose reference bolt to be secured on the door leaf frame matching element "A".

- FAIL-SAFE (anti-panic = unlock without power) version with 100% ED coil for a continuous operation.
- Includes a Reed sensor to control door status.
- Power supply 12 V DC/390 mA.
- Overall dimensions 137 x 49 x 38 mm (for each of the two units)
- Weight kg 1,100

0158J12DCM

Lh/Rh reversible kit for pull-open doors

0158J12SCM

Lh/Rh reversible kit for push-open doors

Models for 24Vdc power supply (on request)

Electrical door strike for surface mount SLIM-DOORSTRIKE "FLEXICON" in "CLEAN COVER" idem c.s. like above but with 24Vdc/140mA power.

0158J14DCM

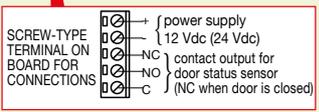
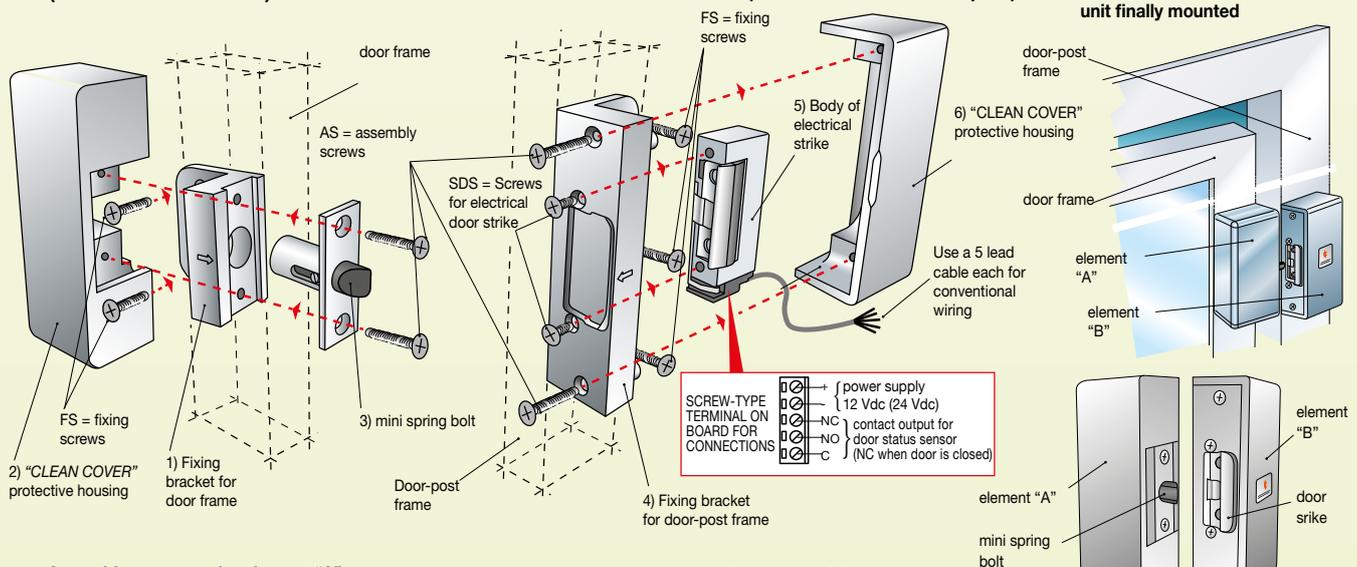
0158J14SCM

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

"A" element exploded view
Housing protective 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

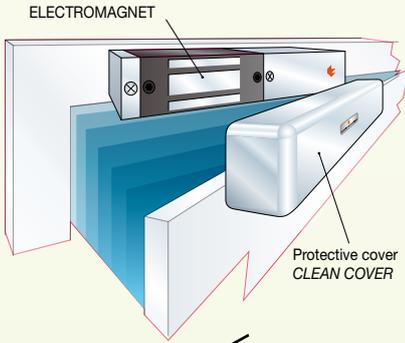


- Assembly sequence for element "A"**
to be mounted on door frame:
- secure the bracket (1) on the door with the two FS fixing screws
 - Insert the protective housing (2) to cover the bracket (1).
 - insert the mini spring bolt (3) in the hole in the bracket and assembly all parts with the two supplied 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.

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).

INNOVATION



SLIM-MINISENTRYLOCK in "CLEAN COVER"

TECNODIMENSIONE PROFESSIONAL ELECTROMAGNETS

Frontal door safety locks. Mini-compact unit with one-piece "CLEAN COVER" made of anodised aluminium.

One unit...
for 4 different needs.

- 1st No frame cutting nor work on internal nervures. Just drill to install = **DRILL& GO CUT-FREE**
- 2nd Conventional wiring installation with screw-type terminal board = **"FLEXICON"**
- 3rd Housed into CLEAN COVER fully made by single block of anodised aluminium, easy to clean with appropriate detergents = **CLEAN**
- 4th Fail-safe; it automatically unlocks in the event of power failure freeing the door for emergency exit also in the event of fire = **FAIL-SAFE**

**FOR SURFACE
MOUNTING**

innovation



IDEAL FOR SURFACE APPLICATIONS
ON "CLEAN ROOM" LOCKS.



1st
**DRILL&GO
CUT-FREE**

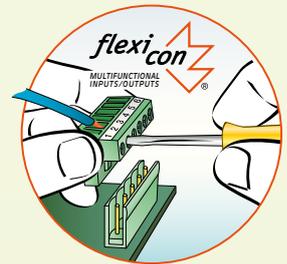
**DRILL&
GO**
Cut-Free®

SLIM-MINISENTRYLOCK
it is ultra slim, designed to be easily installed
on the door surface without any
holes and/or cuts in the frame...
... it's **CUT-FREE!**

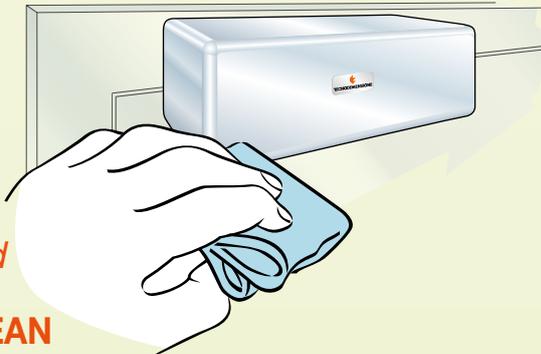
2nd **flexi**con
MULTIFUNCTIONAL
INPUTS/OUTPUTS

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!**



3rd
CLEAN



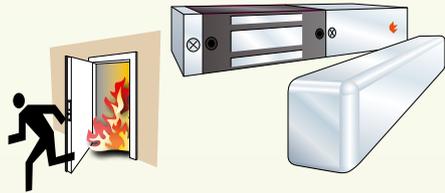
SLIM-MINISENTRYLOCK
housed into protective smooth "CLEANCOVER"
(roughness-free) ...
easy to clean with appropriate detergents...
... it's **CLEAN!**

4th
FAIL-SAFE



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

INNOVATION



Automatic panic release and crash bar. In case of fire, when there is no power, it automatically releases, freeing the exit...it's FAIL-SAFE!

PROFESSIONAL MINI ELECTROMAGNETS SLIM-MINISENTRYLOCK in "CLEAN COVER"

Eletromagnetico crush-safe lock

Export Product-list
January 2018



TECNODINENSIONE®

Mini electromagnet with full coverage "CLEAN COVER" made by single block of anodised aluminium.
Ideal for surface mount and surface applications on any type of "CLEAN ROOM" door frame.

Ordering information



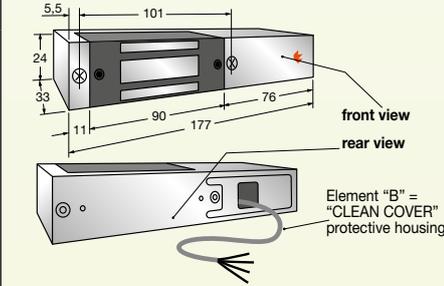
Q.ty

MODELS

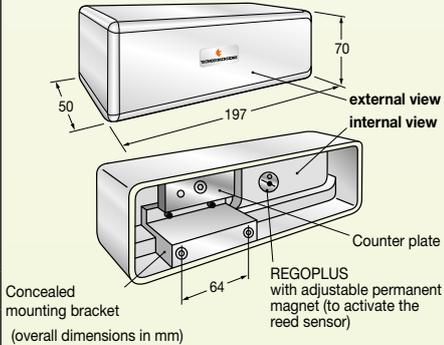
N°

SLIM-MINISENTRYLOCK "FLEXICON"
for surface mounting in protective "CLEAN COVER" housing

Element "A" = body of electromagnet



Element "B" = "CLEAN COVER" protective housing



Ultra compact mini electromagnet SLIM-MINISENTRYLOCK "FLEXICON" 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.

Models for 12 Vdc power supply

SLIM-MINISENTRYLOCK "FLEXICON" 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 unit can be interfaced with any control unit such as PLC, microprocessor boards or conventional electronics

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 197x70x50mm
- Weight Kg 1.55

0020804A2UM

Models for 24 Vdc power supply

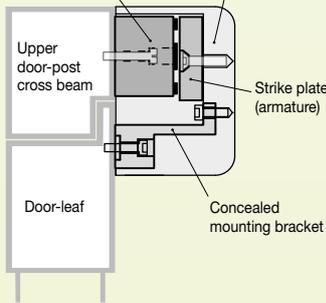
SLIM-MINISENTRYLOCK "FLEXICON" electromagnet as above but for a 24 V DC /50 mA power supply

0020804A4UM

CROSS SECTION VIEW

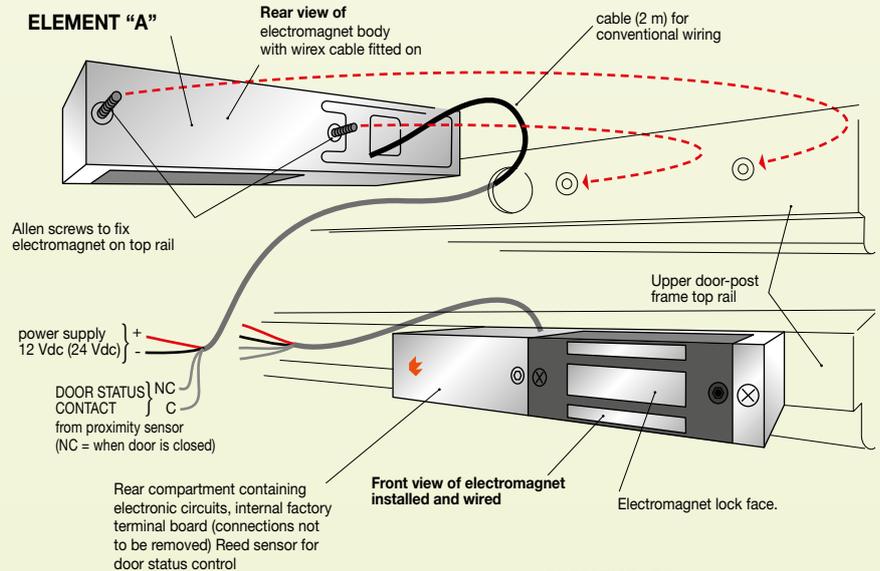
Element "A" Electromagnet SLIM-MINISENTRYLOCK

Element "B" protective cover "CLEAN COVER"

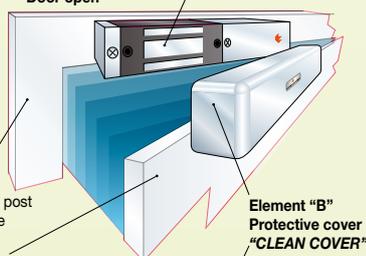


EXAMPLES OF WIREX FAST CONNECTING CABLES FOR "FLEXICON" MODELS

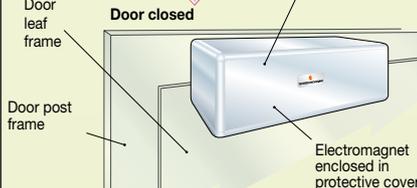
ELEMENT "A"



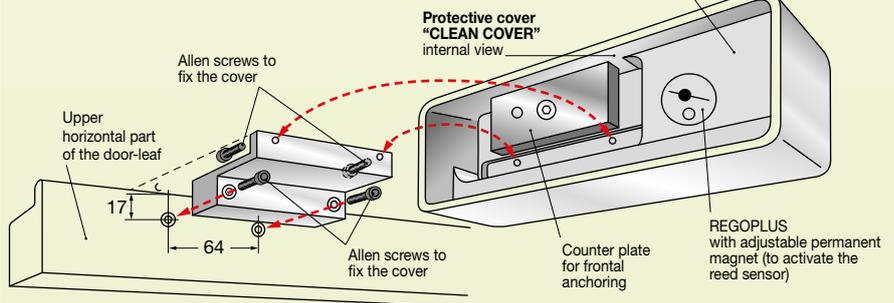
Door open



Door closed



ELEMENT "B"



TECNODIMENSIONE PROFESSIONAL ANCILLARIES FOR INSTALLATION

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

DEVICES

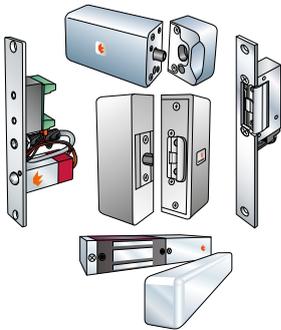
STOP/GO DISPLAYS

INTERCOMS
ALPHANUMERICAL
KEYPADS,
BADGE READERS



ELECTRICAL LOCKS

ELECTRICAL DROP BOLTS
ELECTRICAL DOOR STRIKES
ELECTROMAGNETS



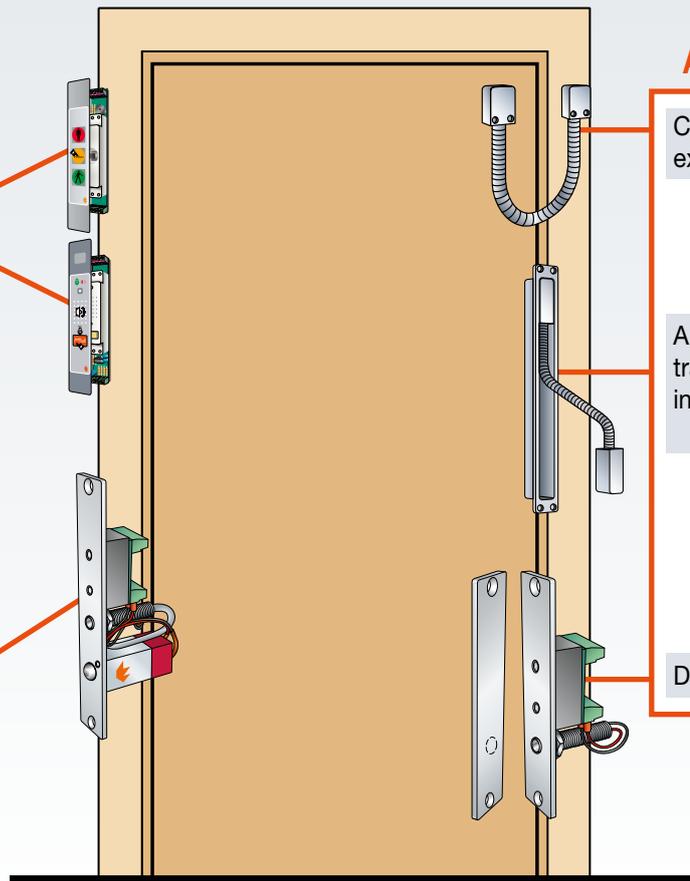
ANCILLARIES

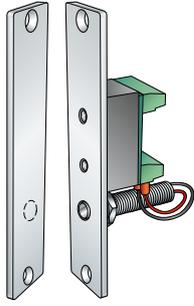
Cable transfer
external

Alternatively cable
transfer "concealed"
internal

Door status sensor

Control unit





**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 

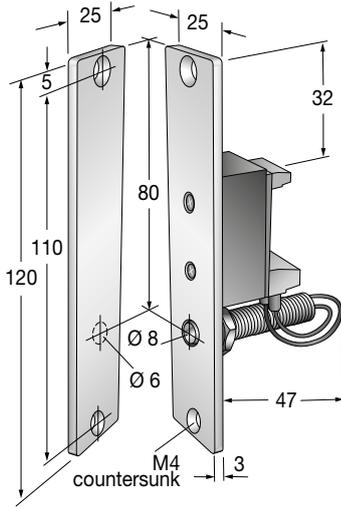
Q.ty

MODELS

N°

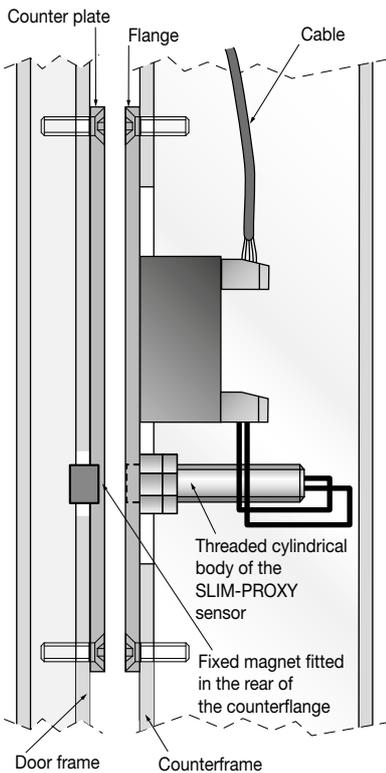
SLIM-PROXY

For recess mounting



(overall dimensions in mm)

EXAMPLE OF IMMEDIATE ASSEMBLY



Recessed proximity sensor for control shutting of door. Reed with large magnet, also for iron doors (to be installed on upper part of door to control the "aligned door" status).

Models for 12 Vdc power supply

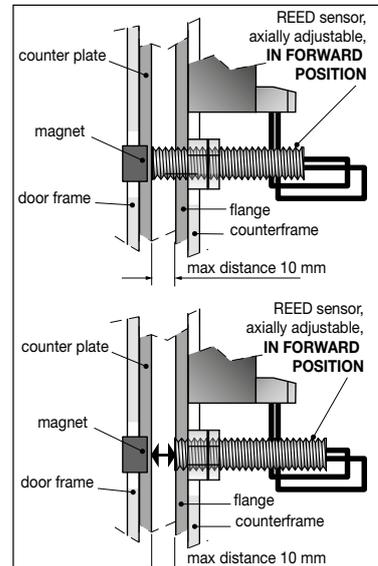
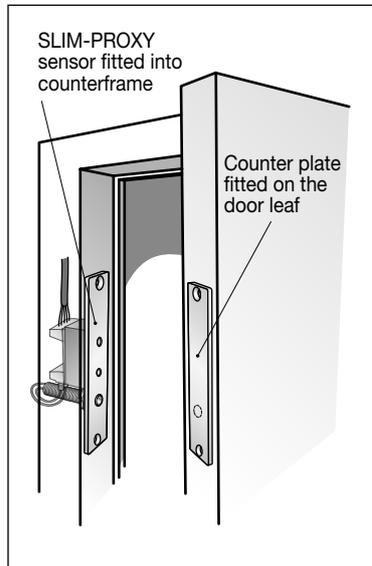
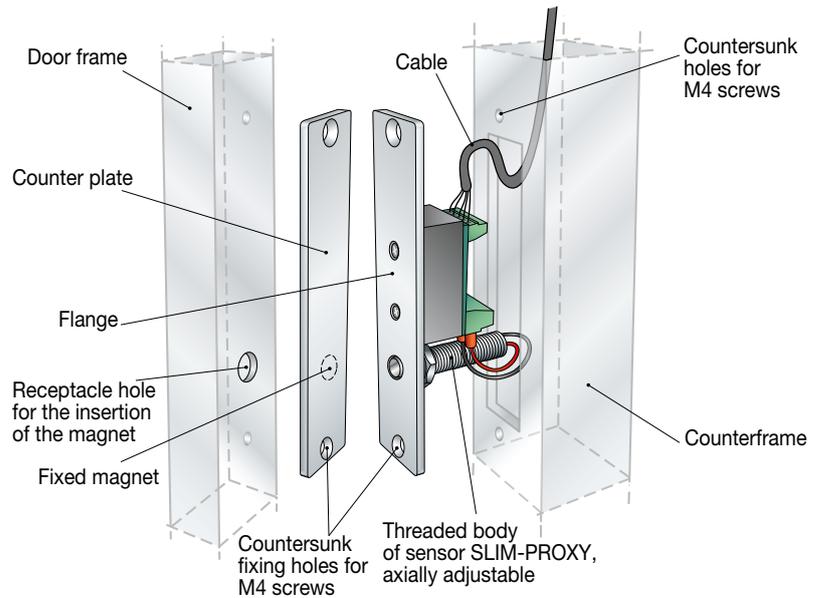
Reed sensor for fitting SLIM-PROXY with screw-on terminal with conventional cabling for any system for controlling door shutting (adjustable on the axis).

SPDT switching output contacts (dry) capacity 0.9/12V

Fitted with flange and counterflange in anodised aluminium with "silver" finish and high flow magnet built-in on the rear of the reference counterflange.

032111MF

EXAMPLE OF CONNECTING THE SLIM-PROXY PROXIMITY SENSOR



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



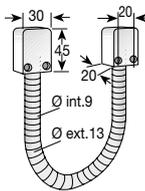
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SERIES

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



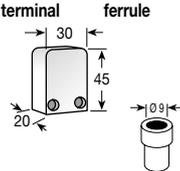
Flexible cable protective conduit "in bulk" (one skein 10 mt long) to be cutted to pieces.

"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)

Medium M terminal



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.

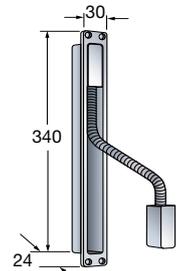
031309F

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.

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

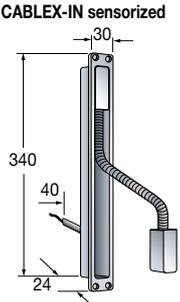
CABLEX-IN

031302F

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.

"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

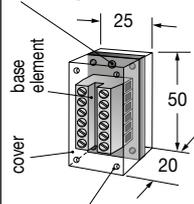
031302FZ

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.

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.

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.

031501

031502

031503

POWERBLOCK PROFESSIONAL POWER SUPPLIES

Export Product-list

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

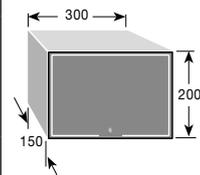


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MODELS

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).

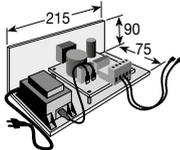
Power unit with built-in electronic battery charger, housed in heavy duty metal cabinet. Output for 12Vdc/2,7Amps total charge. Complete with "sealed type" safety transformer equipped with built-in autoresettable "thermal protection device" at 110 °C threshold switching. With 1,5 mt cable with europlug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

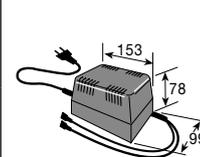
S034771G

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.

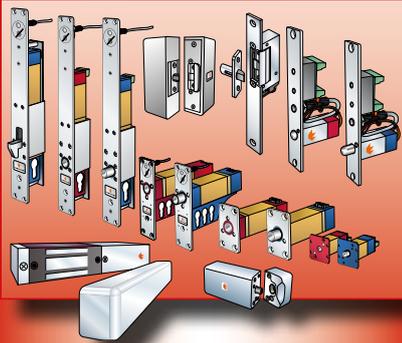
034779B21

Another important production sector of Tecnodimensione company
is the **SECURITY & SAFETY Division**
(Electronic security systems and equipment)



**PROFESSIONAL
ELECTRICAL LOCKS**

Electrical drop bolts, Electrical door strikes,
Electromagnets



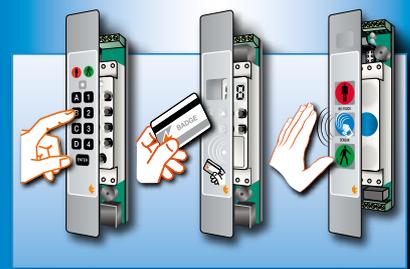
**DOOR MANAGEMENT
SYSTEMS**

Equipment for single or interlocked doors
for security or safety use

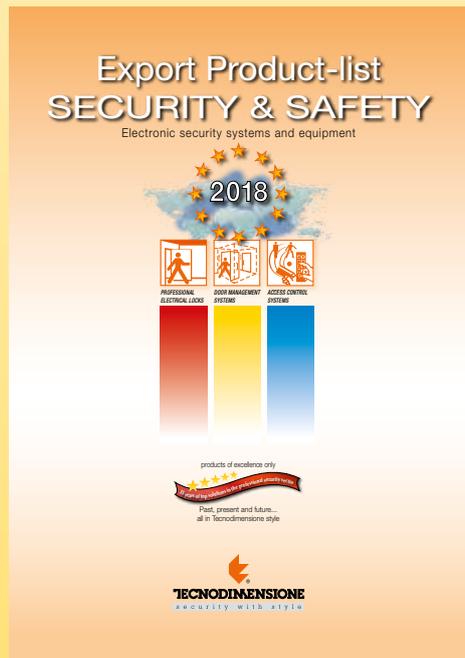


**ACCESS CONTROL
SYSTEMS**

Operating command



SECURITY & SAFETY PRICE-LIST
is at your disposal by request



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