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.

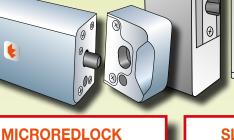
t

in "CLEAN COVER"

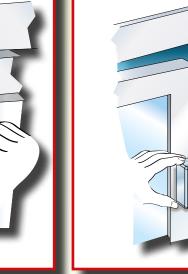
for surface-mounting





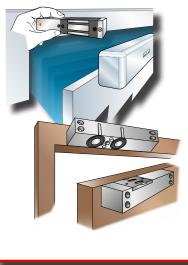


SLIM-DOORSTRIKE in "CLEAN COVER" for surface-mounting

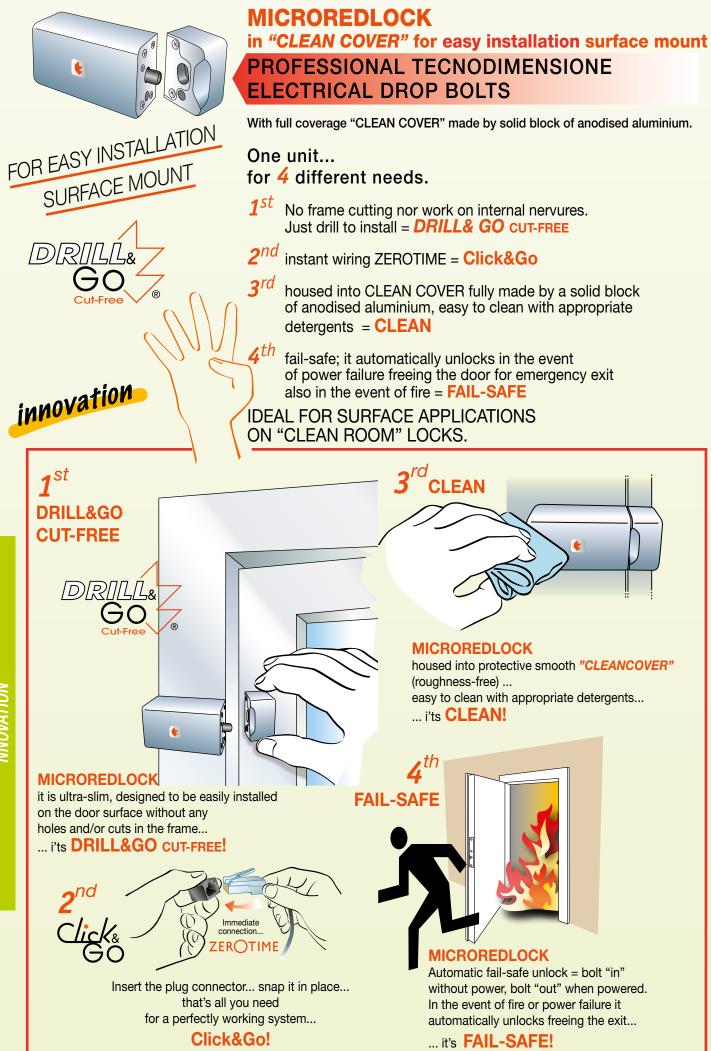


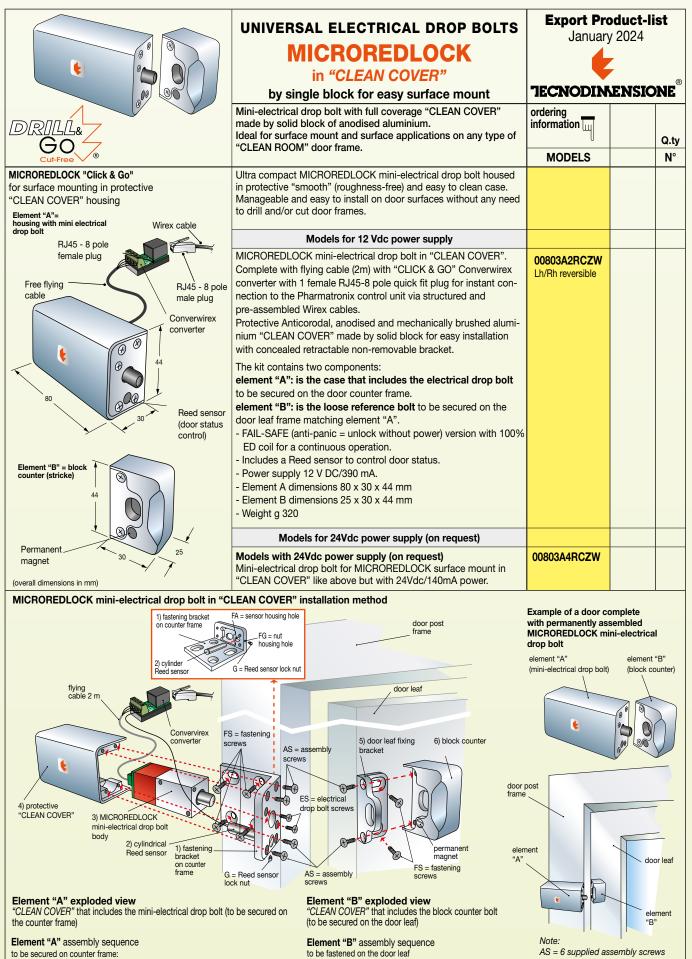
SLIM-MINISENTRYLOCK and SLIM-SHEARLOCK in "CLEAN COVER" for surface-mounting

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MICROREDLOCK, SLIM-DOORSTRIKE, SLIM-MINISENTRYLOCK and SLIM-SHEARLOCK 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... ... i'ts DRILL&GO CUT-FREE!





- to be secured on counter frame:
- a) secure the bracket (1) on the counter frame with the four FS fastening screws.
- b) place the cylinder Reed sensor (2) in the matching FA hole.
- c) lock the sensor by screwing the G nut into the FG hole.
- d) secure the mini-electrical drop bolt body (3) to the bracket (1) with the two supplied ES screws.
- insert the protective cover (4) over the assembled electrical drop bolt (3), **e**) + bracket (1) + sensor (2). Complete by securing the case (4) with the four supplied AS assembly screws that bind the components.
- a) secure the bracket (5) on the door leaf with the two FS fastening screws. b) insert the block counter bolt (6) on the bracket and fasten
 - together with the two supplied AS assembly screws that bindm the two components together.

ES = 2 supplied electrical drop bolt

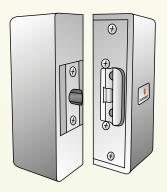
FS = 6 fastening screws supplied

type of door frame).

by the installer (based on the

screws.

G = 1 supplied nut.



FOR EASY INSTALLATION

SURFACE MOUNT

innovation

DRILL&GO **CUT-FREE**

DRILL

1st



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 instant wiring ZEROTIME = Click&Go
- **3**rd housed into CLEAN COVER fully made by single block of anodised aluminium, easy to clean with appropriate detergents = CLEAN
- <u></u>*th* 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



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

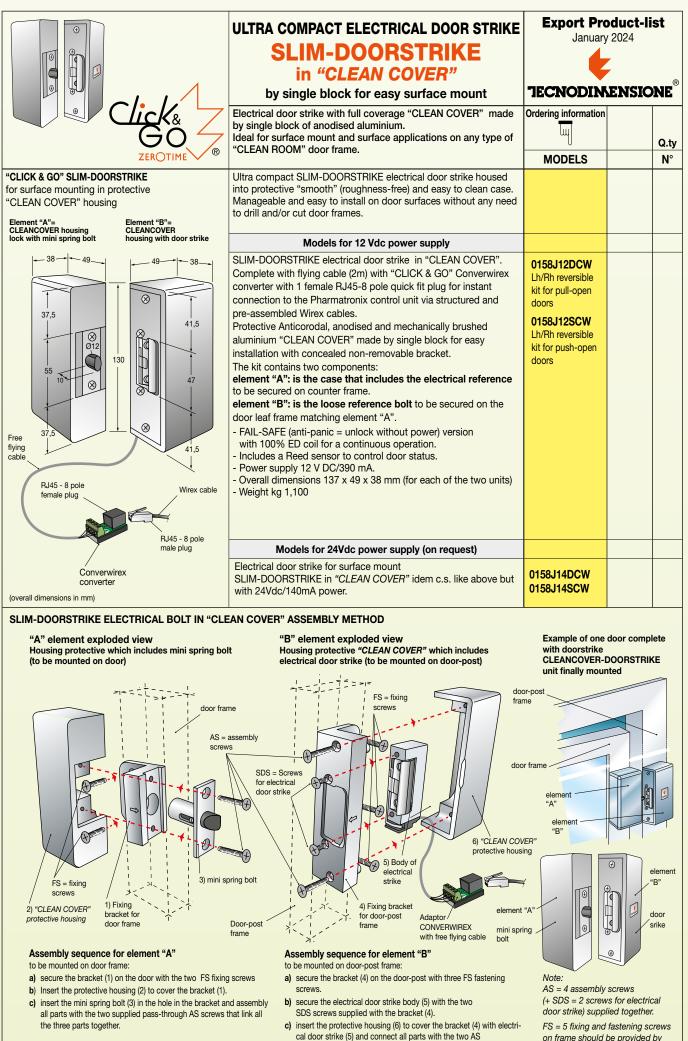
SLIM-DOORSTRIKE

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



Insert the plug connector... snap it in place ... that's all you need for a perfectly working system...

Click&Go!



supplied pass-through screws that linck all the three parts together

NNDVATIO

installer (based on type of frame)



Introduction to the choice of Mini electromagnets multipurpose

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

The types of mini-electromagnets are intended for:

Applications on structures designed keep specific doors closed. Not necessarily to provide extreme resistance to attempted break-in, but whose purpose is that of monitoring to prevent forced entry and to discourage misuse, diversions or damage to access doors. Doors through which unauthorised persons must not pass (e.g. emergency exits, classified areas such as sterile rooms, hospital wards with problematic patient areas, etc.).

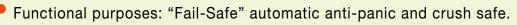
At the same time, these controlled doors can be opened and unlocked without jamming in the event of a hazard, fire, etc., becoming safe passageways or escape routes with automatic panic release in the event of a power failure.



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



Two holding functions: front anchoring with "magnetic adhesion" or recessed with 'shear locking'.





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

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

MINI ELECTROMAGNETS MULTIPURPOSE

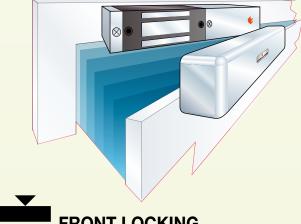




2 types available



Slim Minisentrylock Series in "CLEAN COVER" housing





Front mounted mini-electromagnets with magnetic adhesion.

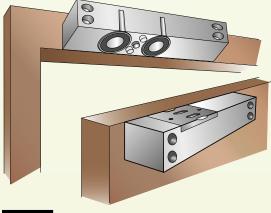
Frontal anchorage is achieved by magnetic adhesion between the face of the electromagnet and the face of the counter plate.

In practice, when the door is aligned in the stop moulding, the two coplanar surfaces fit together perfectly and a magnetic hold is established between them (with a powered holding electromagnet).

Key features:

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

Slim Shearlock Series in "CLEAN COVER" housing





Recessed shear-locking mini-electromagnets.

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

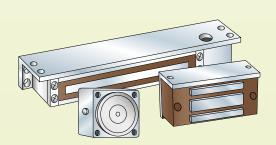
• Fail-Safe: emergency unlock even in the event of a fault (release in the event of a power failure).

Resistance: is greatly increased (compared to simple magnetic adhesion) due to the magnetic interlocking of the two stainless steel pins.

Monitoring: fitted with a sensor to indicate door status (closed/open)

OTHER TYPES AVAILABLE

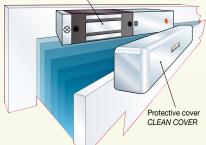
Universal Magnets of VARIOUS STRENGTHS and DIMENSIONS see page 62





DRILL

innovation



SURFACE MOUNT



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.

- FOR EASY INSTALLATION 1st No frame cutting nor work on internal nervures. Just drill to install = **DRILL& GO CUT-FREE**
 - 2nd instant wiring ZEROTIME = Click&Go
 - 3rd housed into CLEAN COVER fully made by single block of anodised aluminium, easy to clean with appropriate detergents = CLEAN
 - <u>/</u>th 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.



SLIM-MINISENTRYLOCK

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



SLIM-MINISENTRYLOCK housed into protective smooth "CLEAN COVER" (roughness-free) ... easy to clean with appropriate detergents... ... i'ts CLEAN!



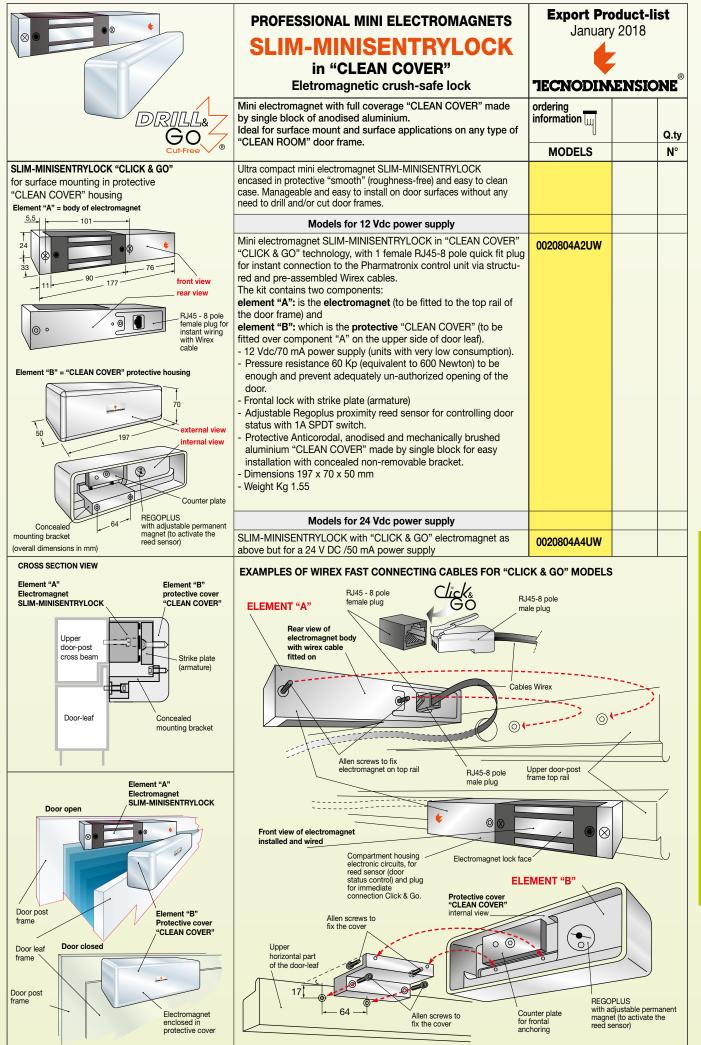
that's all you need for a perfectly working system...

Click&Go!



SLIM-MINISENTRYLOCK Automatic fail-safe unlock. In the event of fire or power failure it automatically unlocks freeing the exit...

... i'ts FAIL-SAFE!

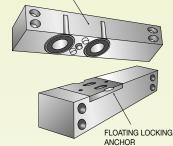


VNOVATION



DRILL

innovation



FOR EASY INSTALLATION

SURFACE MOUNT

SLIM-SHEARLOCK

in "CLEAN COVER" housing for easy surface mounting

PROFESSIONAL MINI ELECTROMAGNETS **TECNODIMENSIONE**

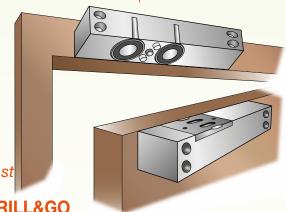
Shear locking for anti-crowding a door protection. Mini-compact unit with one-piece "CLEAN COVER" made of anodised aluminium.

One unit...

for 4 different needs.

- 1st No frame cutting nor work on internal nervures. Just drill to install = **DRILL& GO CUT-FREE**
- 2nd instant wiring ZEROTIME = Click&Go
- 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.



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... ...i'ts CUT-FREE!



Insert the plug connector... snap it in place ... that's all you need for a perfectly working system...

Click&Go!



SLIM-MINISENTRYLOCK Automatic fail-safe unlock. In the event of fire or power failure it automatically unlocks freeing the exit...

... i'ts FAIL-SAFE!



3rd



(roughness-free) easy to clean with appropriate detergents... ... i'ts CLEAN!

