

UNIVERSAL ELECTRICAL DROP BOLTS

MICROLOCK
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 jutting mounting and surface applications without having to make any chasing and/or cuts in the door frame = DRILL&GO.

Ordering information



Q.ty

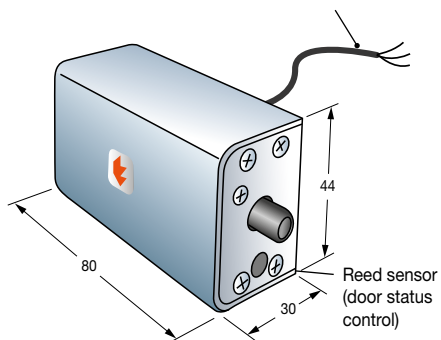
MODELS

N°

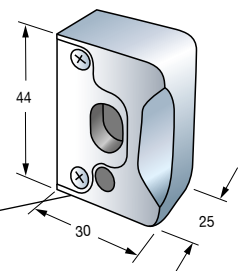
MICROLOCK
for surface mounting "DRILL&GO"
in protective "CLEAN COVER" housing

Element "A" =
housing with mini electrical
drop bolt

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



Element "B" =
block counter (stricke)



overall dimensions in mm)

BLUELOCK series fail-secure version (security) = bolt "out", bolt "in" with power.
If there is no power, the MICROBLUELOCK electrical drop bolt locks in closing, to prevent unauthorized access.
REDLOCK series fail-safe version (anti-panic) = in case of power lack, bolt "out" when powered, pin "in" without power.
If there is a fire, the MICROREDLOCK electrical drop bolt solenoid bolt releases automatically to enable a safe evacuation.

Models for 12 Vdc power supply

MICROBLUELOCK fail secure version (security).
Micro electrical drop bolt with 1 flying cable length 2 metres (precabled in factory) to 3 connections, from the Reed door status sensor + 1 screw-on terminal.
"CLEAN COVER" protective case in single billet of anticorodal, anodized and mechanically polished aluminium, taken from full part.
For easy surface assembly with special invisible anti-removal rod without any visible screws.

00801A2RCZM
Lh/Rh reversible

The kit contains two components:
element A: housing block for electrical drop bolt for post.
element B: striking plate for door in correspondence to element "A".

- With 100% ED coil for uninterrupted functioning.
- Includes a Reed sensor to control door status.
- Power supply 12 Vdc/390 mA
- Dimensions: element A 80 x 30 x 44 mm; element B 25 x 30 x 44 mm
- Weight gr 320

MICROREDLOCK fail-safe version (anti panic).
Same as above but in "CLEAN COVER" casing.

00803A2RCZM
Lh/Rh reversible

Models for 24Vdc power supply (on request)

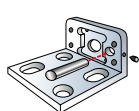
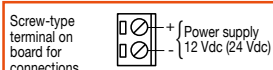
MICROBLUELOCK fail secure version (security).
For surface-mounting in "CLEAN COVER" casing same as above but with 24VDC/140 mA power supply.

00801A4RCZM
Lh/Rh reversible

MICROREDLOCK fail-safe version (anti panic)..
Same as above but in "CLEAN COVER" casing.

00803A4RCZM
Lh/Rh reversible

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



4) protective "CLEAN COVER"

3) MICROLOCK mini-electrical drop bolt body

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

2) cylindrical Reed sensor

SPDT exchange contacts

1) fastening bracket on counter frame

G = fastening lock nut

AS = assembly screws

FS = fastening screws

Element "A" exploded view

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

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

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

Element "B" exploded view

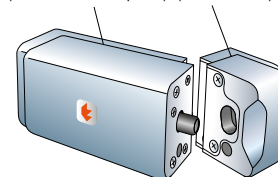
"CLEAN COVER" that includes the block counter bolt (to be secured on the door leaf)

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

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

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

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



door post frame

element "A"

door post frame

door post frame

door post frame

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.

Export Product-list
January 2018



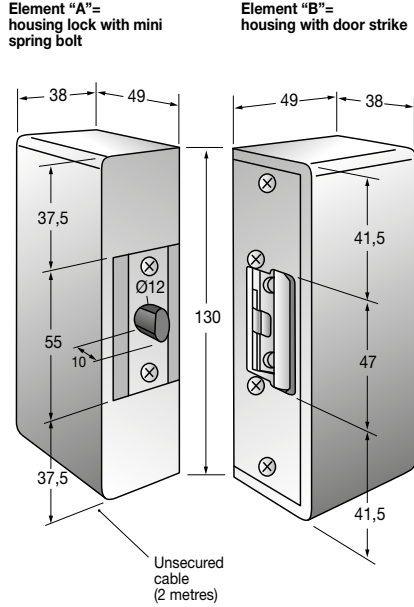
TECNODIMENSIONE®

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

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

Ordering information		
		Q.ty
MODELS		N°

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



Fail-secure version (security) = powered release.
If there is no power, the SLIM DOORSTRIKE closes to prevent unauthorized access.
Fail-safe version (anti-panic) = release without power.
If there is a fire in case of power latch, the SLIM DOORSTRIKE releases automatically to enable a safe evacuation.

Models for 12 Vdc power supply

SLIM-DOORSTRIKE electrical door strike electrical door strike for conventional mount and screw terminal board for conventional connection to any system, even pre-existent. Equipped with "**CLEAN COVER**" protective case in single billet of anticorrosive, anodized and mechanically polished aluminium, taken from full part. For easy surface assembly with special invisible anti-removal rod without any visible screws.

Fail-secure version with powered release. Kit with two Right/Left elements for pull and push doors:
element "A": is the case that includes the electrical reference to be secured on counter.
Element "B": is the loose reference bolt to be secured on the door leaf frame matching element "A".

- With 100% ED reel for uninterrupted functioning.
- Includes a Reed sensor to control door status.
- Power supply 12 VDC/280 mA
- Overall dimensions 137 x 49 x 38 mm (for both units)
- Weight kg 1,100

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

SLIM-DOORSTRIKE fail-safe version.
Right/Left kits for pull and push doors.
Same as above but releases in event of power latch.

0158J12DCM for pull-open doors		
0158J12SCM for push-open doors		

Models for 24Vdc power supply (on request)

SLIM-DOORSTRIKE fail-secure version.
Kit with two Right/Left elements for pull and push doors.
Same as above but with 24VDC/140 mA power supply.

0156J14DCM for pull-open doors		
0156J14SCM for push-open doors		

SLIM-DOORSTRIKE fail-safe version.
Reversible kit with two Right/Left elements for pull and push doors.
Same as above but with 24VDC/140 mA of power latch.

0158J14DCM for pull-open doors		
0158J14SCM for push-open doors		

overall dimensions in mm)

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

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

FS = fixing screws
AS = assembly screws
SDS = Screws for electrical door strike
3) mini spring bolt

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

FS = fixing screws
5) Body of electrical strike
6) "CLEAN COVER" protective housing

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

door-post frame
door frame
"A" element
"B" element

Use a 5 lead cable each for conventional wiring

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

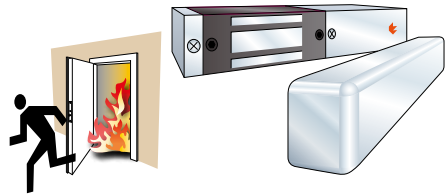
Assembly sequence for element "A"
to be mounted on door frame:

- 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).



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

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

Export Product-list

January 2018



TECNODIMENSIONE®

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

Ordering information



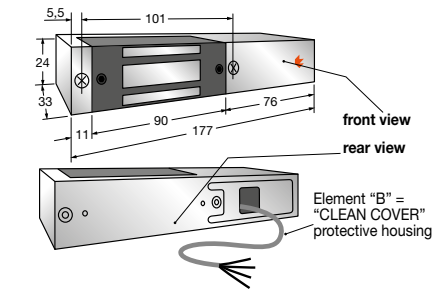
Q.ty

MODELS

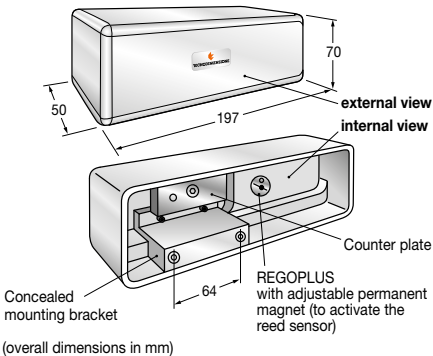
N°

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

Element "A" = body of electromagnet



Element "B" = "CLEAN COVER" protective housing



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

Models for 12 Vdc power supply

SLIM-MINISENTRYLOCK fail-safe version (anti-panic) mini electromagnet in "CLEAN COVER" case complete with 4-lead flying cable (2 m) of which 2 from the door status sensor and 2 for power.
The kit contains two components:
element "A": is the electromagnet (to be fitted to the top rail of the door frame) and
element "B": which is the protective "CLEAN COVER" (to be fitted over component "A" on the upper side of door leaf).
- 12 Vdc/70 mA power supply (units with very low consumption).
- Pressure resistance 60 Kp (equivalent to 600 Newton) to be enough and prevent adequately un-authorized opening of the door.
- Frontal lock with strike plate (armature)
- Adjustable Regoplus proximity reed sensor for controlling door status with 1A SPDT switch.
- Protective Anticorodal, anodised and mechanically brushed aluminium "CLEAN COVER" made by single block for easy installation with concealed non-removable bracket.
- Dimensions 197 197 x 70 x 50 mm
- Weight Kg 1.55

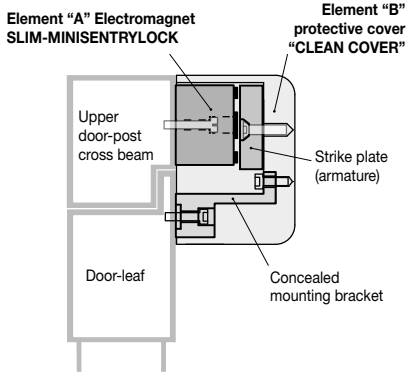
0020804A2UM

Models for 24 Vdc power supply

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

0020804A4UM

CROSS SECTION VIEW



EXAMPLES OF CONNECTING ELECTROMAGNET SLIM-MINISENTRYLOCK

