

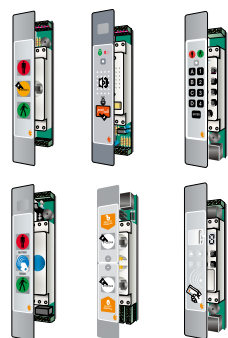
PROFESSIONAL ANCILLARIES FOR INSTALLATION

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

DEVICES

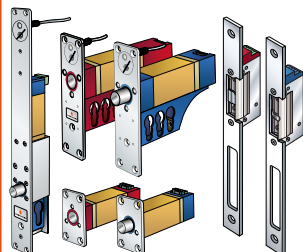
STOP/GO DISPLAYS

INTERCOMS
ALPHANUMERICAL
KEYPADS,
BADGE READERS



ELECTRICAL LOCKS

ELECTRICAL DROP BOLTS

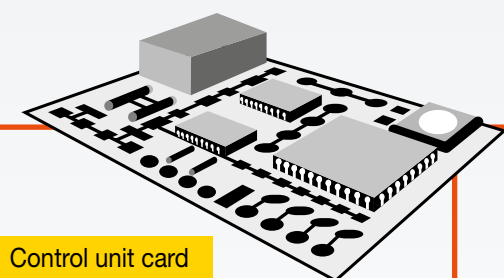


ANCILLARIES

Cable transfer
external

Alternatively cable
transfer "concealed"
internal

Door status sensor



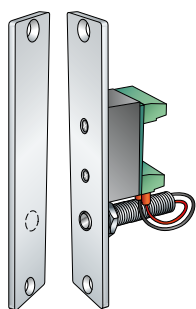
Control unit card



Push-button
control unit



ANCILLARIES FOR INSTALLATION



PROFESSIONAL PROXIMITY SENSORS TO MONITOR DOOR STATUS

SLIM-PROXY

MAGNETIC REED SENSOR

with screw-type terminal board for conventional cabling

Export Product-list

January 2024



TECNODIMENSIONE®

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

Ordering information

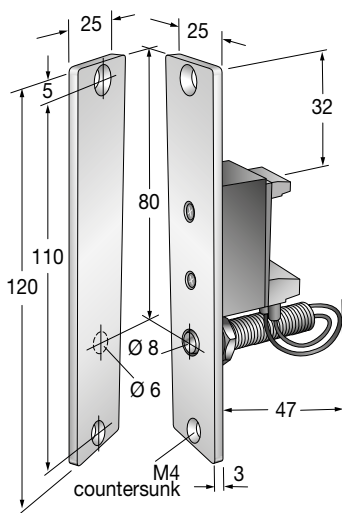
Q.ty

MODELS

N°

SLIM-PROXY

For recess mounting



(overall dimensions in mm)

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

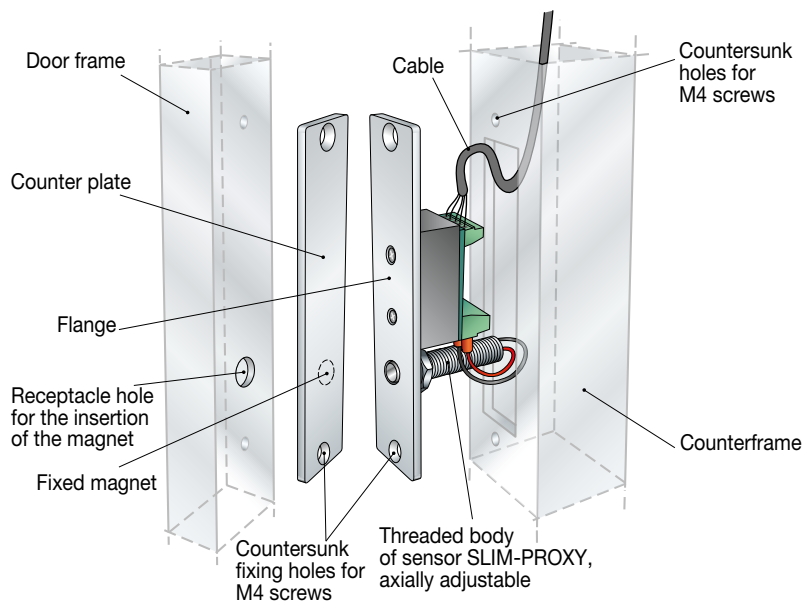
Reed sensor for fitting SLIM-PROXY with screw-on terminal with conventional cabling for any system for controlling door shutting (adjustable on the axis).

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

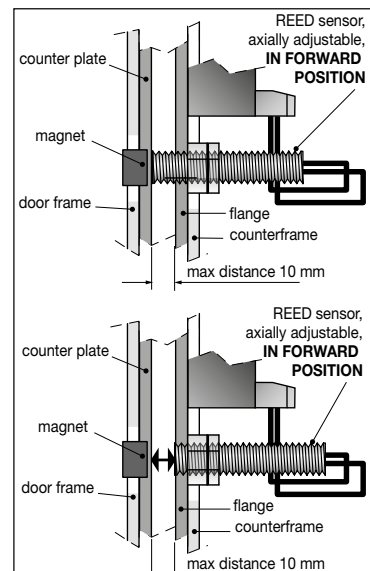
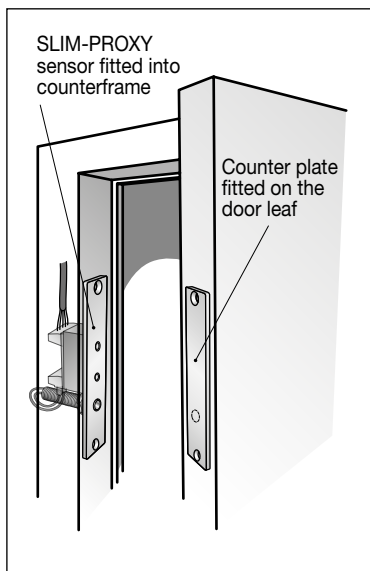
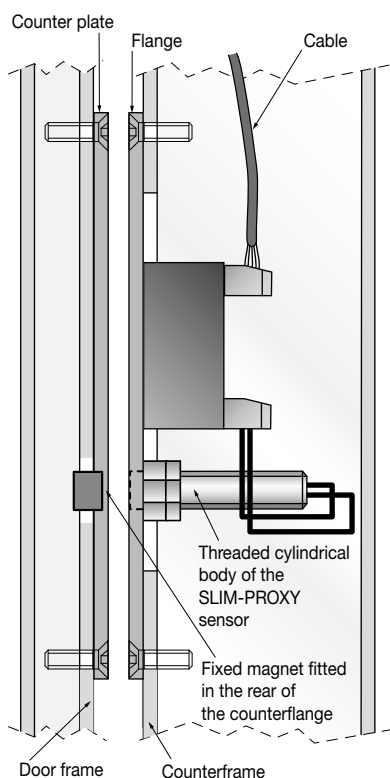
Fitted with flange and counterflange in anodised aluminium with "silver" finish and high flow magnet built-in on the rear of the reference counterflange.

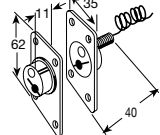
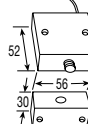
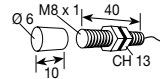
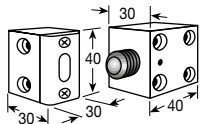
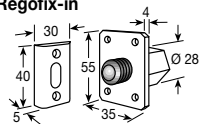
032111MF

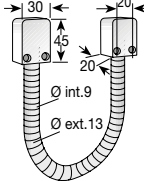
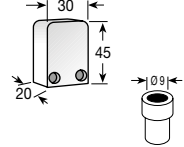
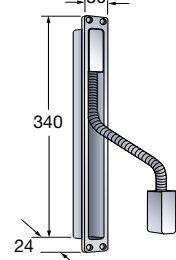
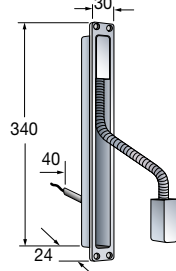
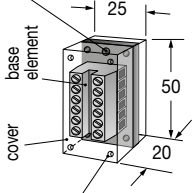
EXAMPLE OF CONNECTING THE SLIM-PROXY PROXIMITY SENSOR

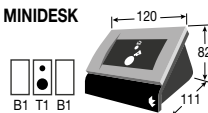
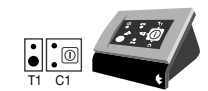
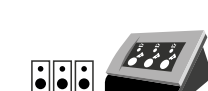


EXAMPLE OF IMMEDIATE ASSEMBLY

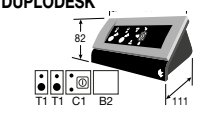
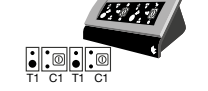
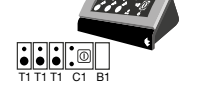
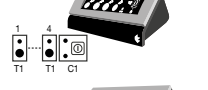
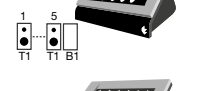


ANCILLARIES FOR INSTALLATION			Export Product-list January 2024		
PROFESSIONAL PROXIMITY SENSORS TO MONITOR DOOR STATUS			 TECNODIMENSIONE®		
	REGOPLUS® & PROXY SENSORS WITH "HIGH FLOW" MAGNETIC REED CONTACTS		Ordering information		Q.ty
			 MODELS		N°
REGOPLUS 	Door monitoring proximity contact for flush mounting , set composed of 2 cromium-coated brass face-plate adapter to be fitted into the frame of the door, with built-in reed sensor assembled on special adjustable "Regoplus" device for micrometric setting up to 13mm shifting on 360° rotation. Changeover SPDT dry contacts output 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.	REGOPLUS®	032111DF3		
PROXY 	Door monitoring proximity contact for surface mounting , set composed of anodized aluminium solid block that includes threaded cylindrical proximity sensor axially adjustable to be adapted to the frame/door distance. Changeover SPDT dry contacts 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.	PROXY	0020705D		
"SIMPLIFIED" execution 	Door monitoring proximity contact nickel plated brass , "threaded cylindrical " execution complete with locknuts. Changeover SPDT dry contacts 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.		032111		
SNAP-IN RETAINERS/POSITIONING DEVICE FOR DOOR CLOSING					
	REGOFIX THE MECHANICAL DOOR FIXING DEVICE Adjustable model with compressing ball and a high progressive force. Ideal for doors, gates and frequently used residential and industrial front doors that could fail to close properly due to pressure applied to the leaf surface.				
Regofix 	Snap-in retainer/positioning device for the application on surfaces Complete kit that includes a positioning ball in tempered steel with compression spring, designed to be precisely adjusted axially, fitted on an Anticorodal anodised machined aluminium monobloc with silver finish" = F for the application on surfaces. The kit includes a reference block designed to be applied on surfaces in Anticorodal anodised machined aluminium F with stop in chromium-plated steel and seat for the retraction and pointing of the positioning ball.		004915AF		
Regofix-in 	Snap-in retainer/positioning device for applied configurations kit with positioning ball in tempered steel as above, but fitted on a chromium-plated brass flange for recess-mounting. The kit includes a reference flange for recess-mounting in chromium-plated steel with a slot for the retraction and pointing of the positioning ball.		004915G		

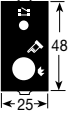
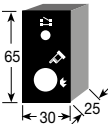
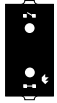
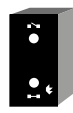
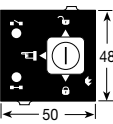
PROFESSIONAL ANCILLARIES FOR CABLE TRANSFER ELECTRICAL WIRING ARRANGEMENT cable transfer (traditional wiring; not WIREX type) set with heavy duty protective flexible conduit to provide the cable wiring between door frame and door, for direct permanent current line (ideal for wiring connections of electrical bolts, magnetic locks, electronic devices, touch-sensitized push handles and so on)			Export Product-list January 2024  TECNODIMENSIONE® Ordering information 		
		SERIES	MODELS		Q.ty N°
MEDICABLEX 	CABLEX EXTERNAL EXPOSED "TEAR-PROOF" EXECUTION "Medium gauge" cable transfer protective set composed of 1 zinc-coated metallic flexible conduit 30cm long, internal Ø 9mm including 2 metallic "ferrules" (final ring spouts). With 2 conduit terminals, heavy duty tear-proof anodized aluminium type natural "silver" coloured = F.	MEDICABLEX	031301F		
	"Medium gauge" cable transfer protective set composed of 1 zinc-coated metallic flexible conduit 30 cm long, internal Ø 9mm ; including 2 metallic "ferrules" as above mentioned but complete with 2 anodized aluminium conduit terminals, dark brown "coloured" = N.	MEDICABLEX	031301N		
"Bulk" flexible conduit 	Flexible cable protective conduit "in bulk" (one skein 10 mt long) to be cutted to pieces. "Medium gauge" flexible protective cable conduit, zinc-coated metallic type. External diameter Ø 13mm internal diameter Ø 10mm (measured without ferrules)		031305Z		
Medium M terminal Medium M ferrule 	ANCILLARIES FOR FLEXIBLE PROTECTIVE CABLE CONDUIT "IN BULK" For "medium gauge" flexible protective cable (Ø 10mm int./ Ø 13mm ext.) "Medium gauge" heavy duty tear-proof conduit terminal M to fix the medium flexible conduit. Made by 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		
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		
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 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		

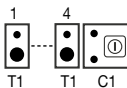
BRICKYDESK DESKTOP CONSOLES FOR DOORS MANAGEMENT									Export Product-list January 2024  TECNODIMENSIONE®		
TECHNICAL CHARACTERISTICS Multipurpose consoles for desktop use or convertible (up side-down) into wall mounting panel-stand. Shock-proof plastic housing with metallic front plate	N° ... OF DOORS TO BE MANAGED	N° ... DOOR PUSH-BUTTONS with N.O. contact → N.C. (pushing the button)	EXTENDABLE UP TO N° of doors	N° ... OF BLIND UNITS for future extensions	OPERATING VOLTAGE Vdc	POWER CONSUMPTION mA	N° ... OF VISUAL INDICATORS G/R = 1 LED green/red bifunc. G = 1 LED green R = 1 LED red Y = 1 LED yellow (by request)	N° ... OF KEY SELECTORS "C" 3 release positions (for example lock/unlock) etc.	Ordering information		
									MODELS		Q.ty
											N°
MINIDESK     	1	1T	3	2	12V	15	1 V/R	---	034753T1B2		
	1	1T	---	---	12V	30	1V/R + 1V + 1R	1C	034753T1C1		
	2	2T	3	1	12V	30	2 V/R	---	034753T2B1		
	3	3T	---	---	12V	45	3 V/R	---	034753T3		
	1	---	1	1	12V	30	1V + 1R	1C	034753C1B1		
ACCESSORIES (optional) For the consoles listed	Phone receiver independent PH (separate) table and/or wall intercom handset.								S034858F		
	Microtimer module for temporized (5 sec or 10 sec) opening command for one door equipped with low-consumption door striked or any Tecnodimensione electrical bolt (excluded Maxilock). The Microtimer should be placed inside into any of above consolle, as many you need to control up to 4 doors maximum.								035902.... x n° uno per ciascuna porta		

DUPLODESK DESKTOP CONSOLES FOR DOORS MANAGEMENT

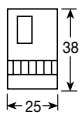
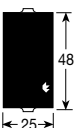
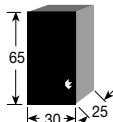
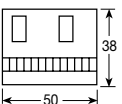
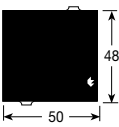
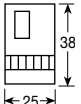
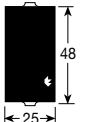
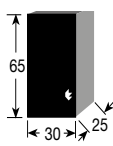
DUPLODESK      	2	2T	4	2	12V	45	2V/R + 1V + 1R	1C	034756T2C1B		
	2	2T	---	1	12V	60	2V/R + 2V + 2R	2C	034756T2C2		
	3	3T	4	1	12V	60	3 V/R + 1V + 1R	1C	034756T3C1B		
	4	4T	---	---	12V	75	4V/R + 1V + 1R	1C	034756T4C1		
	5	5T	6	1	12V	75	5V/R	---	034756T5B1		
	6	6T	---	---	12V	90	6V/R	---	034756T6		
ACCESSORIES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

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

BRICKY FREELY ASSEMBLYING MODULES TO PERFORM DESKTOP AND RACK CONSOLES												Export Product-list January 2024  TECNODIMENSIONE®		
TECHNICAL CHARACTERISTICS Multifunctional modules freely combined "as mosaic-work". Complete with print circuit equipped with screw terminals for fast wiring connection.	SINGLE UNIT MODULE	DOUBLE UNIT MODULE	"BLIND" MODULE (multipurpose)	FOR FLUSH MOUNTING into frame	SURFACE MOUNTING with black aluminum housing	OPERATING VOLTAGE Vdc	POWER CONSUMPTION mA	COMMAND PUSH BUTTON "T" with N.O. contact → N.C. (pushing the button) 1A/12V rated	VISUAL INDICATORS G/R = 1 led bifunctional G = 1 led green R = 1 led red Y = 1 led yellow (by request)	KEY SELECTOR "C" with 3 release positions	BUZZER	Ordering information		
													MODELS	Q.ty N°
BRICKY T1 	●	---	---	●	---	12V	15	1T	1 V/R	---	---		034753T1	
BRICKY T1A 	●	---	---	---	●	12V	15	1T	1 V/R	---	---		034753T1A	
BRICKY S2 	●	---	---	●	---	12V	15	---	1V + 1R	---	---		034753S2	
BRICKY S2A 	●	---	---	---	●	12V	30	---	1V + 1R	---	---		034753S2A	
BRICKY S1 	●	---	---	●	---	12V	15	---	1 V/R	---	---		034753S1	
BRICKY S1A 	●	---	---	---	●	12V	15	---	1 V/R	---	---		034753S1A	
BRICKY C1 	---	●	---	●	---	12V 12V	30 30	---	1V + 1R 1V + 1R	1C 1C	● ---		034753C1 034753C1Y	
BRICKY B1 B2 	● ---	---	●	●	---	---	---	---	---	---	---		034753B1 034753B2	



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

MICRORELEX "MULTIFUNCTIONAL" MINIATURE RELAY MODULES													Export Product-list January 2024		
TECHNICAL CHARACTERISTICS Multipurpose modules, microboard execution with screw terminals for fast wiring connections. Ideal as auxiliary actuators, interface for existing installations.	SINGLE UNIT MODULE	DOUBLE UNIT MODULE	FOR FLUSH MOUNTING into frame	SURFACE MOUNTING with black aluminum housing	"PRINT CIRCUIT" EXECUTION (without box)	OPERATING VOLTAGE Vdc	POWER CONSUMPTION mA	1 AMPLIFIED RELAY activation by "low level" signal - 5 mA/12V P = with positive input + N = with negative input -	1 AUTOCONTROLLED RELAY activation with variable signal from 8 up to 12Vac (alternative voltage)	2 PROGRAMMABLE RELAYS - each stand-alone (separated inputs) - tandem (common input command)	1 TEMPORIZED RELAY (adjustable 1 ÷ 60 sec) programmable	CONTACT OUTPUTS changeover SPDT - 1A/12V	 TECNODIMENSIONE®		
	Ordering information 												Q.ty		
	MODELS												N°		
MICRORELEX R1 "pcb"  Bricky execution R1  Bricky execution R1A 	It is a small relay unit with amplified input circuit to be driven by any low level signal (either positive or negative 12Vdc). Execution and dimensions like single unit Bricky module.														
	---	---	---	---	●	12V	20	1P	---	---	---	●	035812P		
	---	---	---	---	●	12V	20	1N	---	---	---	●	035812N		
MICRORELEX R2 "pcb" execution  flush mounting Bricky execution 	It is a unit with 2 small relays to be driven separately or contemporarily (using programmable jumper setting) by standard 12Vdc input signals; or with proper interconnection, it is a latching relay with one SPDT output contact. Execution and dimensions like double unit Bricky module.														
	---	---	---	---	●	12V	40	---	---	●	---	●	035822		
	---	●	●	---	---	12V	40	---	---	●	---	●	034753R2		
SPECIAL INTERFACE MODULES to upgrade condominium entrygate	It is a small relay unit to be driven by alternative current input signal (from 8 up to 12Vca variable voltage). It should be used as interface adapter to intercom system (old generation) typically operates on 8 ÷ 12Vca voltage. Ideal to upgrade the existing conventional condominium entrygate to be equipped with advanced Tecnodimensione electrical bolts Tronix version.														
MICRORELEX R1C pcb execution  flush mounting Bricky execution  surface Bricky execution 	---	---	---	---	●	8/12 Vac	30	---	---	●	---	●	035811C		
	●	---	●	---	---	8/12 Vac	30	---	---	●	---	●	034753R1C		
	●	---	---	●	---	8/12 Vac	30	---	---	●	---	●	034753R1CA		

Notes: MICRORELEX "visible" models must be installed in junction boxes and/or housings.

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

LOGIC MODULES FOR DOOR MANAGEMENT

Export Product-list

January 2024



TECNODIMENSIONE®

Ordering information

MODELS

Q.ty
N°

CHARACTERISTICS TECHNICAL

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

DOOR "TIMED" OPENING

COMMAND with auto-relock
● Field adjustable 1 ÷ 20 sec
○ Fixed 3 - 5 sec (not adjustable)

AUTOMATIC RE-LOCK PROGRAM

for electrical locks
(fail-secure and fail-safe)

REBOUND COMPENSATION LOGIC

with attempts to autorelock

COURTESY SERVICE

electronic key override with timed unlock and auto re-lock

TAMPER PROTECTION

in standby, the bolt sensor is not affected

DAY/NIGHT PROGRAM

- unlimited unlock (day)
- permanent lock (night)

REMOTE INDICATIONS OUTPUTS

● door status (aligned & closed)
○ bolt status (door locked)

INTERLINK of 2 same modules

● 2 doors interlock (mutual logic)
○ multiple interlock (3 or more doors)

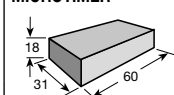
OPERATING VOLTAGE

Vdc

POWER CONSUMPTION

mA

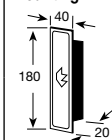
MICROTIMER



It is a micromodule (built-in onto a sealed plastic housing) that provides to open the door by a temporized command. The output is a SPDT contact 1A/12Vdc rated with program-mable setting for electrical door strike or electrical bolts, magnet lock (either fail-secure or fail-safe version).

○	●	---	---	---	●	---	---	12V	80	035902		
								24V	80	035904		

TRONIX for flush mounting



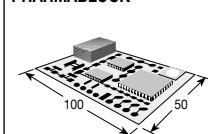
It is a "compact" micromodule SMD execution for universal 12V or 24Vdc operating voltage. Multifunctional device to be used to control and drive any electrical bolts, magnetic lock, on "Z" setting (either fail-secure or fail-safe version).

●	●	●	---	●	●	●○	●	12V	80	035952		
								24V				

LOGICAL CARDS

FOR DOOR INTER-SIGNALLING WITH ACKNOWLEDGMENT

PHARMABLOCK



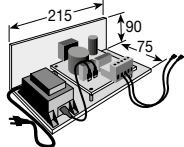
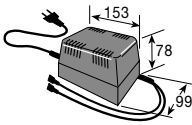
Ideal for clean rooms, anti-contamination changing rooms used, pharmaceutical laboratories, research departments and controlled areas.

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

Note: the selling of these module are dovoted to specialised installers and is used to interface the systems present in clean rooms.

Pharmablock control units for several zones with preset logics are also available on request (see below).

034742H

POWERBLOCK PROFESSIONAL POWER SUPPLIES		Export Product-list January 2024	
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.		 TECNODIMENSIONE®	
		Ordering information 	Q.ty N°
MODELS			
MINI-POWERBLOCK "open" execution (without housing) 	STABILIZED RECTIFIER UNITS WITH BATTERY CHARGER "Open" execution (without housing) with transformer compacted on "L shape" dissipation plate	S034770G	
	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.	S034771G	
	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.		
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	