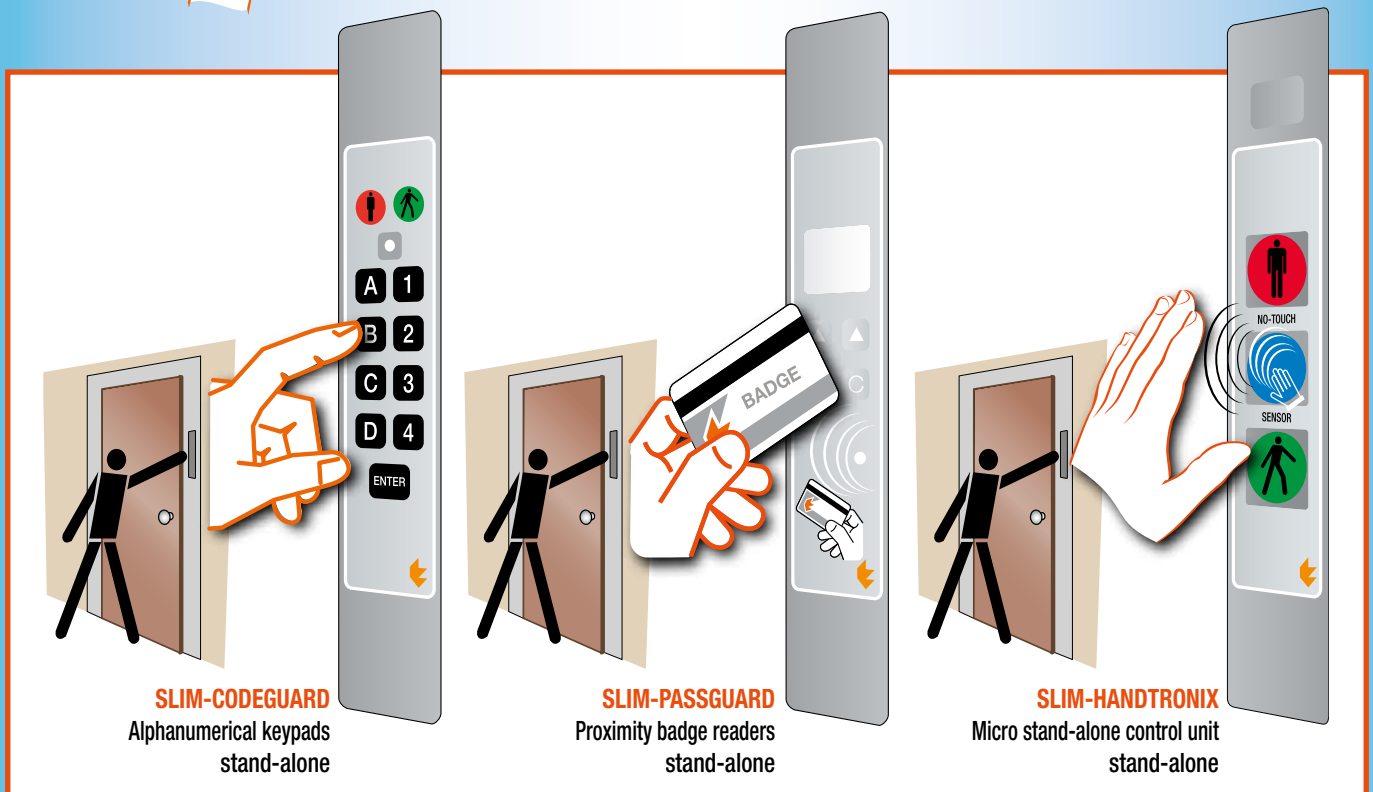**DOOR MANAGEMENT SYSTEMS**

STAND-ALONE UNIT

Readers and numerical keypads for creating access control systems

3 devices with 5 different functions,
in a single unified convertible module.

SLIM-CODEGUARD
Alphanumerical keypads
stand-alone

SLIM-PASSGUARD
Proximity badge readers
stand-alone

SLIM-HANDTRONIX
Micro stand-alone control unit
stand-alone

with 5 types of installation next to the door

ACCESS CONTROL SYSTEMS

SLIM & MODULAR

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

Alphanumerical keypads stand-alone
SLIM-CODEGUARD

Proximity badge readers stand-alone
SLIM-PASSGUARD

**Micro stand-alone control unit stand-alone**
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.
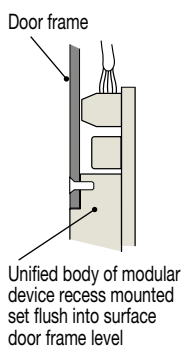
Convertible because...

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.
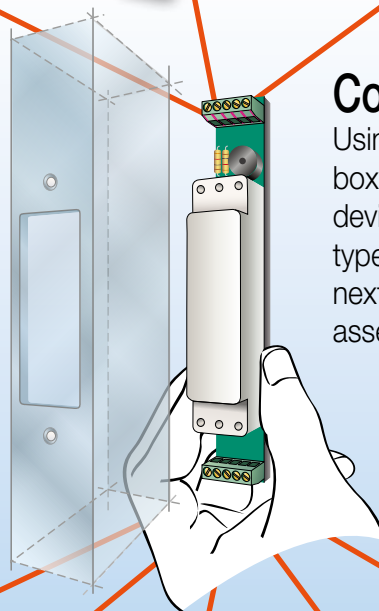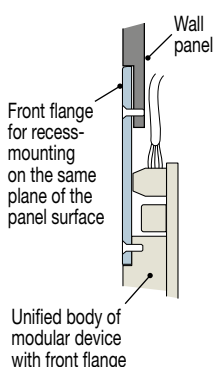

Assembly type 1

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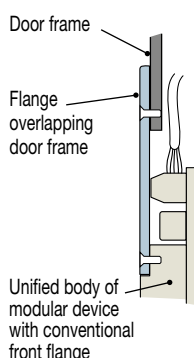for recess-mounting without flange on the same plane of the door frame panel

Door frame

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

Wall panel

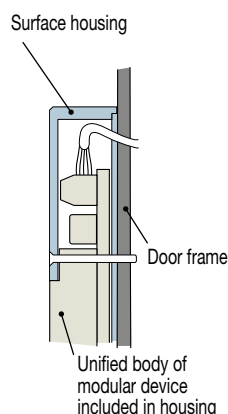Front flange for recess-mounting on the same plane of the panel surface

Unified body of modular device with front flange

Assembly type 3

for conventional flush mounting
with front flange overlapping door frame

Door frame

Flange overlapping door frame

Unified body of modular device with conventional front flange

Assembly type 4

for surface mounting
with using housing

Surface housing

Door frame

Unified body of modular device included in housing

Assembly type 5

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

Raceway

Wall-mounting receptacle

Flange overlapping the wall and fixed to wall mounting receptacle

Unified body of modular device with front flange and wall mounting receptacle

Clamping wings

Wall

ACCESS CONTROL SYSTEMS

86

SLIM-CODEGUARD STAND-ALONE
PROFESSIONAL CODE KEYPAD

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

Alphanumerical access code can be 2 to 8 digits long.

- With screw-type terminal box for conventional cables for connection to control panel (for independent use with any system also from different manufacturer).

- 8 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, 180 x 30 mm R2,5 - thickness 0.3 mm, with international symbols, available in 7 colours

- two-color R/G LED + buzzer to confirm the opening of the door.

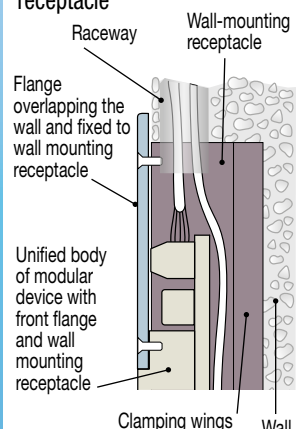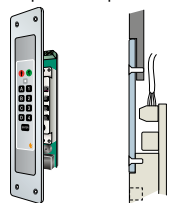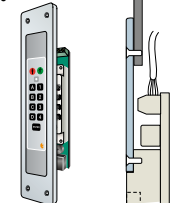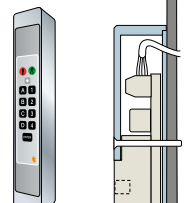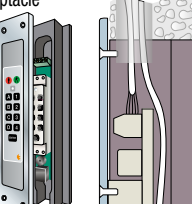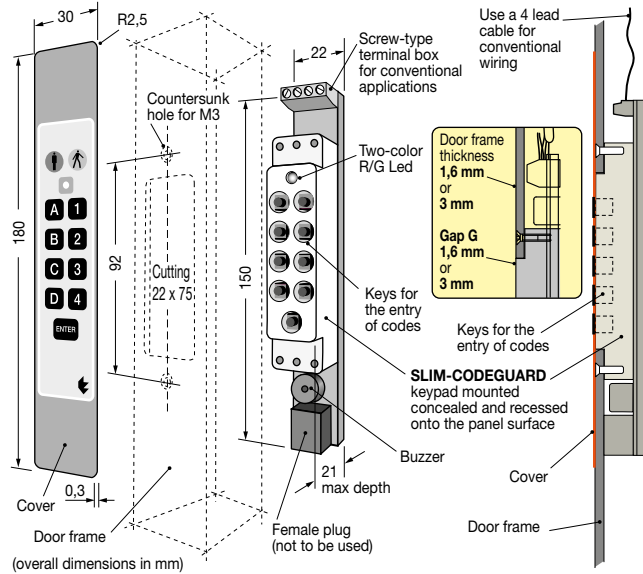|	Models for 12 VDC power supply	MODELS		Q.ty N°
Assembly type ① **fully aligned concealed** for recess-mounting without flange on the same plane of the door frame panel ✳	SLIM-CODEGUARD access code keypad type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without 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.**	**034991NM2U**		
	Same with front panel and gap G for sections with a thickness of 3 mm.	**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, 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.**	**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 - 250 x 50 mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche. **Mounting can be carried out "on site", directly onto the installed door frame.**	**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 (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.**	**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 - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. Also fitted with wall box with "wings" for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the access code keypad. **Wall niche and cable channel to be prepared beforehand.**	**034995NM2U**		

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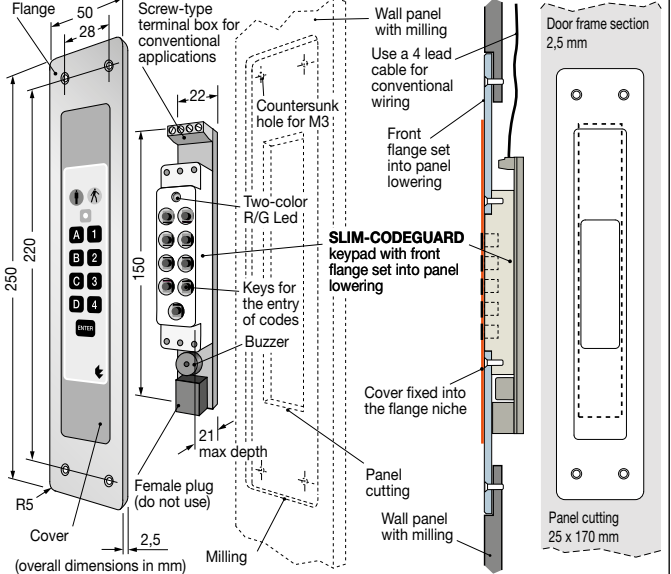
ACCESS CONTROL SYSTEMS

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

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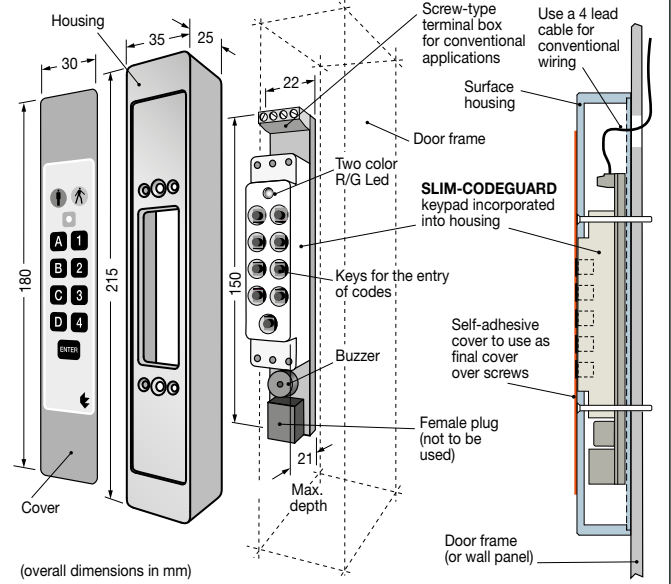lock recessed into surface without flange

- 30
- R2,5
- 22
- Countersunk hole for M3
- Screw-type terminal box for conventional applications
- Two-color R/G Led
- Use a 4 lead cable for conventional wiring
- 180
- 92
- Cutting 22 x 75
- 150
- Keys for the entry of codes
- Door frame thickness **1,6 mm** or **3 mm**
- Gap G **1,6 mm** or **3 mm**
- Keys for the entry of codes
- **SLIM-CODEGUARD** keypad mounted concealed and recessed onto the panel surface
- Buzzer
- 21 max depth
- Cover
- Cover
- 0,3
- Door frame
- Female plug (not to be used)
- Door frame
- (overall dimensions in mm)

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

- Flange
- 50
- 28
- Screw-type terminal box for conventional applications
- Wall panel with milling
- Use a 4 lead cable for conventional wiring
- Door frame section 2,5 mm
- 22
- Countersunk hole for M3
- Front flange set into panel lowering
- Two-color R/G Led
- **SLIM-CODEGUARD** keypad with front flange set into panel lowering
- 250
- 220
- 150
- Keys for the entry of codes
- Buzzer
- Cover fixed into the flange niche
- 21 max depth
- R5
- Female plug (do not use)
- Panel cutting
- Cover
- 2,5
- Milling
- Wall panel with milling
- Panel cutting 25 x 170 mm
- (overall dimensions in mm)

Assembly type ❸ traditional fitting
with front flange over the lock

- Flange
- 50
- 28
- Screw-type terminal box for conventional applications
- Use a 4 lead cable for conventional wiring
- 22
- Hole for M3
- Two color R/G Led
- **SLIM-CODEGUARD** keypad with flange to fit into door frame
- 250
- 220
- 150
- Keys for the entry of codes
- Cover fixed into the flange niche
- Front flange fixed to door frame
- Buzzer
- 21
- Max. depth
- Panel cutting
- Female plug (not to be used)
- R5
- Cover
- 4
- Door frame
- Door frame
- Frame cutting 25 x 170 mm
- (overall dimensions in mm)

Assembly type ❹ for mounting
placed on surface using housing

- Housing
- 35
- 25
- 30
- Screw-type terminal box for conventional applications
- Use a 4 lead cable for conventional wiring
- 22
- Surface housing
- Door frame
- Two color R/G Led
- **SLIM-CODEGUARD** keypad incorporated into housing
- 180
- 215
- 150
- Keys for the entry of codes
- Self-adhesive cover to use as final cover over screws
- Buzzer
- Female plug (not to be used)
- 21
- Max. depth
- Cover
- Door frame (or wall panel)
- (overall dimensions in mm)

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

- Flange
- 50
- Cover
- Screw-type terminal box for conventional applications
- 65
- Use a 4 lead cable for conventional wiring
- Raceway
- Wall-mounting receptacle
- Clamping wings
- 22
- Two color R/G Led
- Keys for the entry of codes
- **SLIM-CODEGUARD** keypad with flange inserted into the wall-mounting receptacle
- 250
- 150
- 230
- Buzzer
- Cover fixed into the flange niche
- Flange flush with wall, fixed to wall mounting receptacle
- 21
- Max. depth
- Female plug (not to be used)
- R5
- 4
- 36
- 20
- 10
- Wall
- (overall dimensions in mm)

CONNECTION DIAGRAM valid for all 5 types

- "Screw" type terminal board suitable for any system (not to be used for Wirex - Click & Go cabling)
- Use a 4 lead cable each for conventional wiring
- Electrical lock coil, max 1A/12VDC
- −
- + power supply 12 VDC
- Entry side of the door
- **SLIM-CODEGUARD** Keypad
- Female plug (do not use)