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LINEA 300
Monobloc pushbutton panels

308001 - 308002
308003 - 308004 - 308005 - 308011
308012 - 308013 - 308014 - 308015

Description

Monobloc vandal-resistant 2 wire video pushbutton panels for flush mounted or wall mounted installation (with dedicated box sold separately). Solutions available with 1 to 32 call keys, with aluminium or stainless steel finishing front cover.

The item includes: flush-mounted box, frame, colour video and audio electronic module, module/s and pushbuttons already wired. Presetting for the mounting of transponder reader or key switch. Backlit call keys. Visual and sound notification of the communication status for: call presence, system busy, door lock status.

Direct control of an electric door lock 18 V - 4 A impulsive, 250 mA holding current (30 ohm max).

Related items

308021   Wall mounted box - for 4 keys set 308001 - 308011
308022   Wall mounted box - for 8 keys set 308002 - 308012
308023   Wall mounted box - for 12 keys set 308003 - 308013
308024   Wall mounted box - for 20 keys set 308004 - 308014
308025   Wall mounted box - for 32 keys set 308005 - 308015
346250   Relay to control door lock not managed by BUS
346020   additional 2 DIN modules power supply
346250   relay module to control door lock not managed by BUS SCS
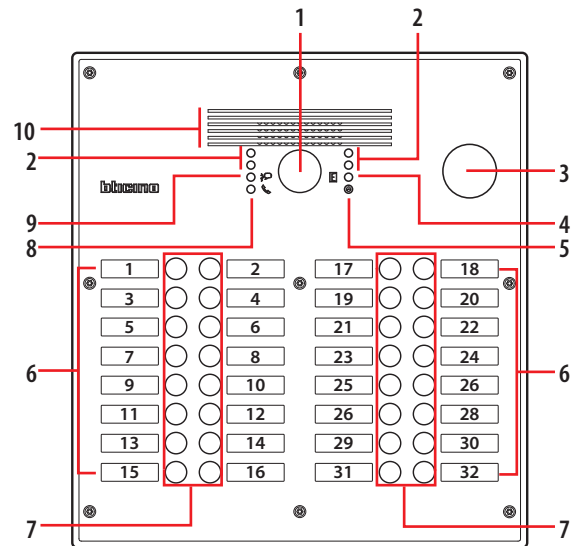
Front view

Technical data

Power supply from SCS BUS:	18 – 27 Vdc
Stand-by absorption:	308001 – 308011 (55 mA)
	308002 – 308012 (70 mA)
	308003 – 308013 (85 mA)
	308004 – 308014 (115 mA)
	308005 – 308015 (160 mA)
Operating absorption:	308001 – 308011 (175 mA)
	308002 – 308012 (190 mA)
	308003 – 308013 (205 mA)
	308004 – 308014 (235 mA)
	308005 – 308015 (280 mA)
Camera sensor:	1/3"
Camera lens:	F:1.5 mm ; f:4.3 mm
Resolution:	330 lines (horizontal)
Brightness adjustment:	automatic
Night lighting:	with white LEDs
Operating temperature:	(-25) – (+70) °C
Protection index:	IP54
Mechanical impact:	IK07

Legend

1. Colour camera

2. White LEDs for the lighting of the camera shooting field

3. Preset housing for transponder reader or key switch

4. Door status notification LED: green LED = door open

5. Microphone

6. Name labels

7. Call key

8. Call status notification LED: green LED = call forwarded
                                                       red LED = system busy

9. Communication status notification LED: green LED = communication active

10. Loudspeaker

Dimensional data

2 - 4 calls pushbutton panels 308001 - 308011
dimensions: W 180 x H 270 mm
Wall mounted box 308021 : W 178 x H 267 x D 40 mm
Flush mounted box (supplied): W 128 x H 220 x P 53 mm

5 - 8 calls pushbutton panels 308002 - 308012
dimensions: W 180 x H 330 mm
Wall mounted box 308022 : W 178 x H 327 x D 40 mm
Flush mounted box (supplied): W 128 x H 260 x P 53 mm

9 - 12 calls pushbutton panels 308003 - 308013
dimensions: W 180 x H 360 mm
Wall mounted box 308023 : W 178 x H 357 x D 40 mm
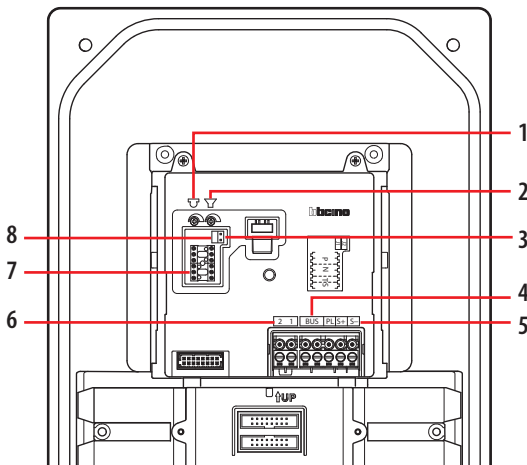Flush mounted box (supplied): W 128 x H 310 x P 53 mm

13 - 20 calls pushbutton panels 308004 - 308014
dimensions: W 180 x H 440 mm
Wall mounted box 308024 : W 178 x H 437 x D 40 mm
Flush mounted box (supplied): W 128 x H 400 x P 53 mm

21 - 32 calls pushbutton panels 308005 - 308015
dimensions: W 340 x H 370 mm
Wall mounted box 308025 : W 338 x H 367 x D 40 mm
Flush mounted box (supplied): W 310 x H 328 x P 53 mm

Rear view

Legend

1. Microphone volume adjustment
2. Loudspeaker volume adjustment
3. J2: NOT USED
4. 2 WIRE SCS/BUS connection clamps
5. Clamps for the connection of the door lock and the room door opening pushbutton
6. Additional power supply connection clamps
7. Configurator socket
8. J1: remove to enable additional power supply

Camera installation notes

The camera must not be installed facing strong light sources, or in locations where the area being shot is strongly backlit. In order to resolve these problems, we recommend that the camera is installed at a height of 180 cm, instead of the usual 160-165 cm, with the lens pointing down. This will improve image quality.

In low light situations, the colour rendition of the image displayed by the colour camera may decrease. This is to ensure that the person being displayed can be better recognised. For optimal viewing in low lit rooms, the installation of an additional light source is recommended.

Configuration

The device must be physically configured as follows:

P - entrance panel number
The configurator connected to the P housing of the speaker module assigns to the same an identification number within the system.
The numbering of the entrance panels must always start from P=0. The EP configured with P=0 must be a common (or main) EP.

N - call number
It assigns the correspondence between the entrance panel call keys and the handsets or video handsets. In common entrance panels made using key modules, N in the speaker module must be configured with 0. In local entrance panels, the first handset or video handset of the riser being called will be the one configured with N+1 in relation to the entrance panel.

T - door lock relay timing

configurator number							
0= No configurator	1	2	3	4*	5	6	7
4 sec.	1 sec.	2 sec.	3 sec.	as pushbutton	6 sec.	8 sec.	10 sec.

* **Operation as pushbutton for 10 sec. maximum** after which it goes in stand-by. In order to extend this type of operation over 10 seconds, use the actuator, 346210 configured with **MOD=5**.

S – call signal type WITH handset door lock release notification BEEP
The configuration of S sets the SPRINT L2 handset call ringtone.
In this way, it is possible to differentiate the calls from different entrance panels.

SPRINT L2 handsets call signal table			
Configurator	0	1	2	3
Type of bell	Double-tone	Double-tone	Double-tone	One-tone
	1200 Hz	1200 Hz	1200 Hz	1200 Hz
	600 Hz	0 Hz	2400 Hz	

In the case of Classe 100 and Classe 300 handsets, the S configurator associates the entrance panel to the ringtone programmed in the handset. It is possible to choose among 16 different ringtones.

S – call signal type WITHOUT handset door lock release notification BEEP
The configuration of S sets the SPRINT L2 handset call ringtone.
In this way, it is possible to differentiate the calls from different entrance panels.

SPRINT L2 handsets call signal table			
Configurator	4	5	6	7
Type of bell	Double-tone	Double-tone	Double-tone	One-tone
	1200 Hz	1200 Hz	1200 Hz	1200 Hz
	600 Hz	0 Hz	2400 Hz	

In the case of Classe 100 and Classe 300 handsets, the S configurator associates the entrance panel to the ringtone programmed in the handset. It is possible to choose among 16 different ringtones.