

Description

Actuator used to connect external notification devices to the SCS BUS of the hospital call. This universal actuator can be connected to the SCS BUS of a ward, and can be used to open or close a contact to which it is possible to connect an auxiliary notification device (buzzer, bell, light...), to replicate the notification of events within the ward itself.

The universal actuator can be configured as follows:

Physical configuration: In this case, the universal actuator can only be assigned to the ward it belongs to in a generic way (as corridor display). Therefore, it cannot be linked to the individual room.

Advanced configuration: In this case, the universal actuator can only be assigned both to the ward it belongs to in a generic way (as corridor display), or to the individual room, so that it only activates in case of events from a specific room.

A maximum of 5 universal actuators can be installed in an individual ward.



Related items

CMTE2200 Monitoring terminal

Technical data

Power supply: 2 V=
 BUS power supply consumption: standby mode: 15 mA
 max: 47 mA
 Operating temperature: 5 – 40 °C
 Storage temperature: (-20) – (+70) °C
 TBTS double insulation safety device

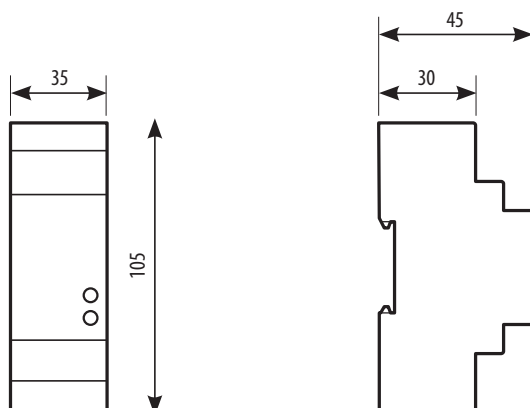
Controllable loads

	LED lamps		Sound system speakers	
				
110 V~	440 VA	4 A	440 VA	4 A
230 Vac	920 VA		920 VA	
12 V~/~	48 VA		48 VA	
48 V~/~	192 VA		192 VA	

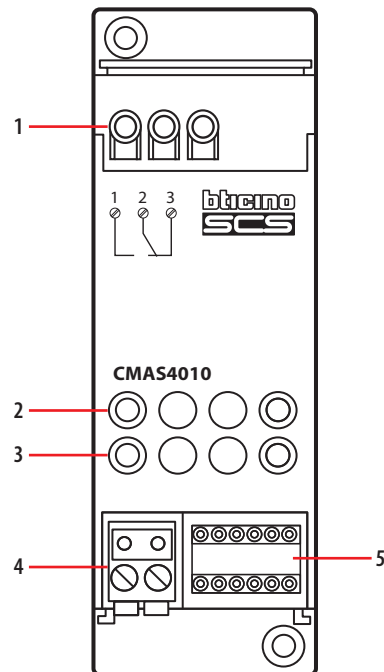
Only compatible with monitoring terminals (item CMTE2200) with firmware version 1.2.20 or higher.

Dimensional data

Size: 2 DIN modules.



Front view

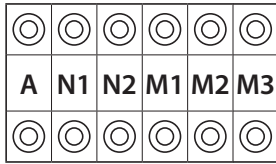


Legend

1. Load connection clamps
2. RESET key or Local control*
3. Notification LED
4. BUS SCS connector
5. Configurator sockets

* Local control: If the key is pressed for more than 5 but less than 10 seconds, the actuator switches to manual mode for the testing of the relay. The relay opens, and when it returns to normal mode it opens or closes the contact depending of the configured active calls.

Configuration



A: It identifies the ward it belongs to.

		Ward	Configurator number
A	0	G	6
B	1	H	7
C	2	I	8
D	3	L	9
E	4		
F	5		

N1: it indicates the address of the equipment or room (from 0 to 9); tens

N2: it indicates the address of the equipment or room (from 0 to 9); units

M1: Operating modes:

- 1- External buzzer – The load must always be an external buzzer controlled by the actuator depending on the priority level of the active call.
In the same way as the corridor Display buzzer (see the following table for the details).

Call Type	Buzzer ON / Buzzer OFF
Simple Call	1sec ON (+/- 0,3sec) / 10sec OFF
Emergency Call	1sec ON (+/- 0,3sec) / 1sec OFF (+/- 0,3sec)
Alarm Call	250ms ON (+/- 50ms) / 250ms OFF (+/- 50ms)

M2: 2- Generic load – the load must always be an external buzzer controlled by the actuator depending on the priority level of the active call. In the same way as the corridor Display buzzer. (see the following table for the details)

Configurator	Patient call	Bathroom call	Emergency call	High-level emergency
1	✓	✓	X	X
2	X	X	✓	X
3	✓	✓	✓	X
4	X	X	X	✓
5	✓	✓	X	✓
6	X	X	✓	✓
7	✓	✓	✓	✓

Configurator “7” does not apply any filters. The relay is controlled with any event priority.

M3: Not used

Wiring diagram

