Technical alarm interface

3481

Description

The technical alarm interface is used to receive signals from the outside (normally analogue signals, like the closing/opening of a contact), converting them into digital information for the BUS.
This information gives the possibility of differentiating between alarm notifications, like the activation of the siren, or the telephone dialler, or the closure of the gas/water solenoid valve.
The functions described can be obtained using a dedicated communication line between the devices of the burglar alarm system, called auxiliary channel.
Up to 9 auxiliary channels are available for each system.
They are assigned by configuration of the device(s).

Related items

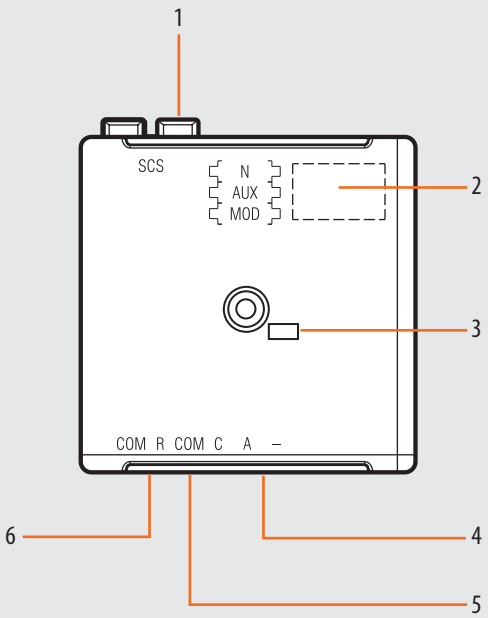
Relay actuator:	F481 and 3479

Technical data

Power supply from SCS BUS:	27 Vdc
Max. absorption:	6 mA
Operating temperature:	5 – 40 °C

Dimensional data

Size: 2 Basic modules



Configuration

The technical alarm interface module requires the allocation of the progressive number within the group of auxiliary devices (relay actuator and auxiliary channels interface), the auxiliary channel number, and the operating modes.

N°

This configurator assigns the progressive number inside the auxiliary unit.
Configurator 1 identifies the first auxiliary, configurator 2 identifies the second and so on for a maximum of 9 auxiliaries.

AUX and MOD

In combination the configurators in the AUX and MOD sockets assign the operating mode on the basis of the following table.

Legend

1. Clamp for burglar alarm BUS
2. Configurator socket
3. Line activated LED
4. External sensor connection clamp
5. Traditional external sensor connection clamp
6. Reset pushbutton connection

Activation from the technical alarm interface

Configurators		Description
AUX	MOD	
none	none	**Technical alarm with normally closed (NC) contact** Internal siren (MOD 0 or 2) sounds intermittently until one of the following events occurs: a) there is no longer an alarm b) pressure of "S" key on the 3 module flush mounted central unit, or deactivation from the central unit with display; c) pin key on the device itself pressed.
none	2	**Anti-panic alarm with normally closed (NC) contact** Generates a burglar-alarm even with the system switched off and in any division condition. Is silenced with the remote control.
none	4	**Technical alarm with normally open (NO) contact** Internal siren (MOD 0 or 2) sounds intermittently until one of the following events occurs: a) there is no longer an alarm b) pressure of "S" key on the 3 module flush mounted central unit, or deactivation from the central unit with display; c) pin key on the device itself pressed.

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Activation from the technical alarm interface

Configurators		Relay opertating mode (description)
AUX	**MOD**	
1-9	none	**Technical alarm with NC contact and activation of the auxiliary channel** Internal siren (MOD 0 or 2) sounds intermittently until one of the following events occurs: a) there is no longer an alarm; b) pressure of "S" key on the 3 module flush mounted central unit, or deactivation from the central unit with display; It activates the corresponding auxiliary channel.
1-9	1	**Anti-burglary automation with NC contact** It activates the corresponding auxiliary channel without interfering with the status of the burglar-alarm system, therefore without generating signals or alarms.
1-9	2	**Anti-panic alarm with NC contact and activation of the auxiliary channel** Generates a burglar-alarm even with the system switched off and in any division condition. Is silenced with the remote control. It activates the corresponding auxiliary channel.
1-9	3	**Connection between burglar-alarm and auxiliary channels (LINK)** It generates and activation of the corresponding auxiliary channel following a burglary/tampering alarm.
1-9	4	**Technical alarm with NO contact and activation of the auxiliary channel** Internal siren (MOD 0 or 2) sounds intermittently until one of the following events occurs: a) there is no longer an alarm; b) pressure of "S" key on the 3 module flush mounted central unit, or deactivation from the central unit with display; It activates the corresponding auxiliary channel.

EXAMPLE: Activation of the solenoid valve in case of gas leak

Relay actuator configuration:

Configurator position	Value
N°	1
AUX	1
MOD	6

Technical alarm interface configuration

Configurator position	Value
N°	2
AUX	1
MOD	4

Wiring diagram