POA543-I, POA543-C

Optic acoustic alarm panel low consumption

- *Certified EN54-3:1997 + A1:2002 + A2:2006 and EN54-17:2005*

POA543 is an optic acoustic alarm panel conventional or addressable, can be connected directly on the sounder line or to the loop giving it an address.

The -C version is not addressable and can be connected to any panel with sounder line at direct or reverse control allowing, due to the low consumption, the managing of more devices in series in compliance with the new provisions of the standard UNI9795:2010.

The –I version is compatible with range HEPHAIS SD3 addressable panels, is equipped with on-board line isolator. It can signal an alarm, a fault or any other fire detection information through its specific controlled input circuit.

The panel has 4 tones selectable by jumpers.

The addressed version allows the simultaneous use of 2 different tones.

TECHNICAL CHARACTERISTICS

- Input / Output programmable
- Isolator integrated
- Low consumption
- 4 Tones selectable
- Customizable
- **The addressable version needs 24V external power supply**
- Certified EN54-3:1997 + A1:2002 + A2:2006 e EN54-17:2005

Electrical characteristics		
	POA543-I	**POA543-C**
Main supply voltage	12-28 Vdc	
Nominal main supply voltage	24 Vdc	
Quiescent current (24 Vdc)	180 µA with isolator closed 500 µA with isolator open	3,5 mA @ 24 Vdc
Alarm current (24 Vdc)	1,5mA ± 0,5 mA	< 40 mA @ 24 V
Optical signaling	5 LED high brightness	
Acoustic signaling	Buzzer 94 dB @ 1 m	
Mechanical characteristics		
Weight	500g	
Dimensions (in mm)	110 x 286 x 70	
Material	Plastic	
Color	White back, Red cover	
IP rating	IP54	
Fixing	Wall	
Climatic characteristics		
Operating temperature	-10°C to + 50°C	
Storage temperature	- 10°C to + 50°C	
Operating relative humidity	≤ 93%	

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CONNECTIONS POA543-I

24V

RFL 3,9kΩ
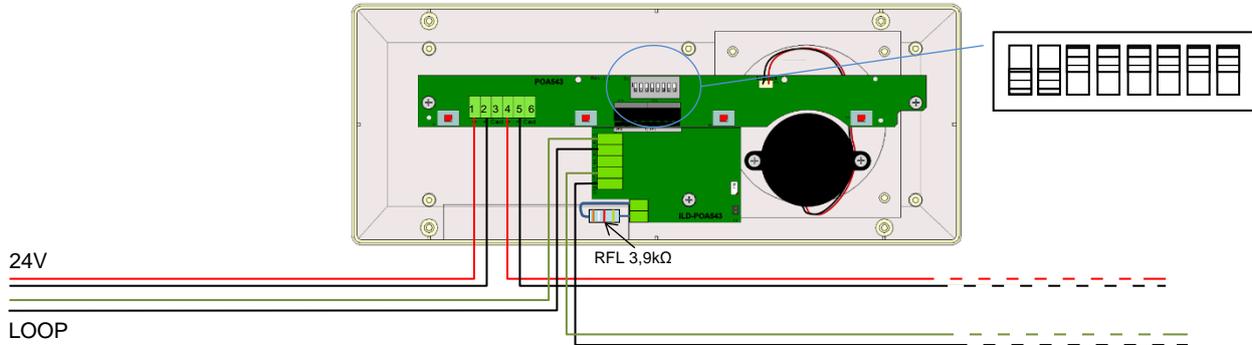
LOOP

CONNECTIONS POA543-C

ON

24V

COM (direct)
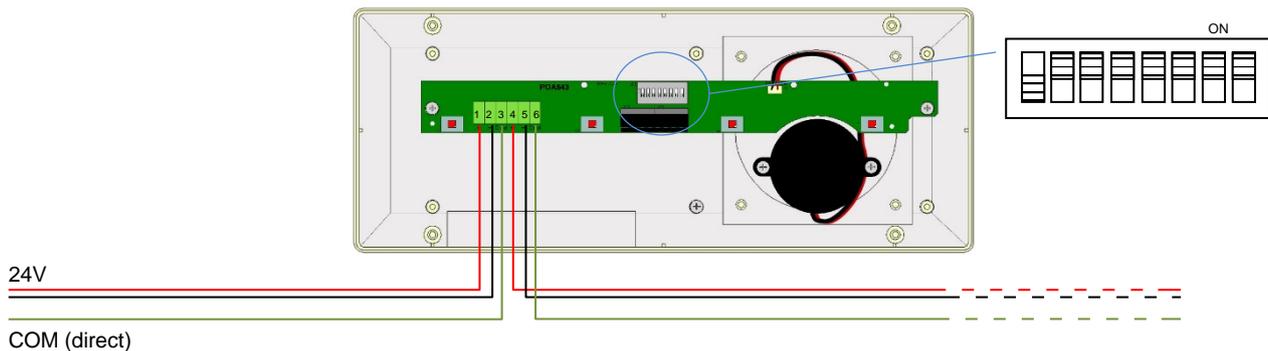
ADDRESING
The device is factory set to address 0 and must be encoded with the help of the programming tool MINIBT before connecting it to the loop.

FIRE PANEL PROGRAMMING
This module must be programmed in the panel as "Input / Output module for technical alarm".

INSTALLATION NOTE
To maintain the IP rate, insert the gasket (supplied) into the special slot provided on the panel cover.
At the end of the installation, glue the label with the message (supplied) on the panel cover.

REFERENCE	DESCRIPTION
POA543-I	Addressable optic acoustic panel
POA543-C	Conventional optic acoustic panel

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