

DOA FJ/CPD

- Fire alarm sounding device for fire signalling conform to regulation EN54-3



# **1- LAYOUT AND SETTINGS**



#### **1.1 JUMPERS FUNCTION**

To select the type of function desidered keep to the instruction below.

	OPEN	CLOSED
SW1	For power supply $\geq$ 10V—	For power supply < 10V—
SW4	Sound swap of frequency	Sound fixed

### **2-INSTALLATION**

To remove the cover from the base pressure should be applied on the side 3.

Fixing the base to the wall is done by using the quarries passers indicated in the drawing below (point).

The cover is fixed to the base with the slots (points 2 e 3).

The lid is locked to the base by tightening the two screws 2.6 x 10 in correspondence of the holes of the points (

The cable entry can be done either at the rear **(5)** that at the side **(6)**; in this latest case are arranged recesses for fixing:

- Cable gland Ø 20mm IP65 (Brand TEAFLEX code RSM20).
- Cable gland PG 13,5 IP65 (Brand TEAFLEX code PTE13G).





# **3- ACTIVATION**

The activation of the fire alarm sounding device is done applying the positve power and negative power to its terminals "+IN " and "- IN", while in the rest condition is applied to clamp the reverse voltage. In the case where the central unit goes into alarm will reverse the inverting output activating the fire alarm sounding device.

In the condition of cutting of the power cable the central will recognize the change of state of the line thanks to the fact that will not read more the resistance value "R" end of line indicated at point 1 "layout and settings" and will in turn in alarm but without causing the activation of the fire alarm sounding device.

# 4- TECHNICAL FEATURES CE MADE IN ITALY

REFERNCE REGULATION	EN54-3: 2001 + A1:2002 + A2: 2006
TYPE OF FUNCTION	Reverse polarity
POWER SUPPLY	From 10,8V to 28Vd.c.
NOMINAL POWER	24Vd.c.
CONSUMPTION	110mA MAX
POWER	2,64W @ 24Vd.c.
SOUND PRESSURE SOUND SWAP (SW4 open)	87dB (A) a 1m
SUOND PRESSURE SOUND FIXED (SW4 closed)	81dB (A) a 1m
SUOND FREQUENCY SUOND SWAP (SW4 open)	From 2450 to 4500Hz
SOUND FREQUENCY SUOND FIXED (SW4 closed)	3050Hz
TYPE OF LIGHTING	N.3 high luminosity leds
TYPE OF AMBIENT	Type A – internal –
AMBIENT WORKING CONDITION	From – 10 to +55°C
INPUT PROTECTION	IP21C
	Base and cover ABS
TYPE OF MATERIAL	Transparent polycarbonate panel
DIMENSIONS	320 x 140 x 68mm ( L x H x P )
WEIGHT	450g

CERTIFICATION DOA FJ/CPD 12 0051-CPD-0384

### 5- MAINTENANCE

To ensure a correct functioning over time is recommended once a year the activation of the fire alarm sounding device and a verification to the correct fixing of the same to the wall.

### 6- WARRANTY

AVOTEC products are guaranteed against defects in workmanship or materials for a period of 2 years. The warranty is void if repair or adjustment is made by people UNAUTHORIZED. In order to improve the design and quality of the products, the company AVOTEC reserves the right to change the technical features without prior notice. All products or defect must be returned to your supplier.

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**TECHNICAL ASSISTANCE** 



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