



ROP-63 AND ROP-63H MANUAL CALL POINTS (non-addressable)

Overview

The ROP-63 and ROP-63H manual call points are designed to send information about a fire to the interoperating fire alarm control panel by a person who notices the fire and manually initiates the call point.

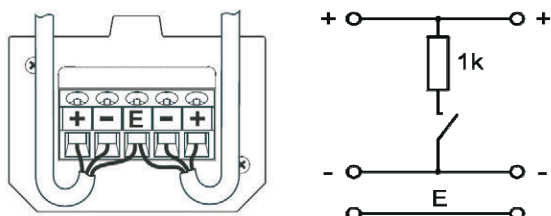
The ROP-63 manual call point is designed to be installed indoors, and ROP-63H is designed for outdoor installation.

Principles of operation

The ROP-63 and ROP-63H manual call points are actuated (they switch contacts) after striking or firmly pressing the protective glass and pressing the alarm button. The protective glass when struck snaps upwards enabling access to the alarm button to be pressed in order to actuate the alarm. The manual call point does not have an electronic circuit system inside, and does not have a response confirmation about receiving the signal from the control panel. A change of colour of the arrows to yellow informs the person signalling a fire, that the warning signal has been activated.

The factory ROP-63 and ROP-63H call points are equipped with 1 k Ω resistor, which allows for the call points to be installed in the IGNIS 1000/2000 fire alarm system lines.

Connection diagram



Design

The ROP-63 and ROP-63H manual call points come in a standard red plastic casing. The hinged transparent cover made of unbreakable plastic protects the element against accidental activation of the call point.

The call points are designed for semi-flush wall mounting installation. Surface mounting requires using a special masking frame (ordered separately). Testing of the call points is carried out by analogue initiation in the same way as in case of actual fire, that is by striking the cover or applying pressure to it and pressing the alarm button afterwards. The quiescent state is set back after using a special key.

The ROP-63H manual call point is equipped with additional seal inside the case, which protects the electronics against weather conditions.

Technical specifications

Type of manual call point	B
Switched contacts resistance	< 150 m Ω
Minimal connecting voltage	12 V
Max. resistance load capacity with operating voltage	0,1 A/30 V DC
Max connection wire diameter	0.8 ÷ 1.2 mm
Connection cable reserve	15 cm
Diameter of the hole for semi-flush installation	dia. 80 mm x 22 mm minimum
Ingress protection:	
ROP-63	IP 30
ROP-63H	IP 55
Operating temperature range:	
ROP-63	from -25 °C to +55 °C
ROP-63H	from -40 °C to +70 °C
Dimensions	102 x 98 x 46 mm
Mass	
ROP-63	0.22 kg
ROP-63H	0.26 kg

CAUTION

The manual call points are designed for semi-flush installation, while a special RM-60-R masking frame is applied for surface mounting installation.