

MHA 142

Manual Call Point



The Manual Call Point MHA 142 is intended for manual fire signalling by a person discovering the fire. It is used for the analogue addressable system or conventional loops of Fire Detection and Fire Alarm System LITES.

The Manual Call Point MHA 142 is intended for use at places protected against weather influences wherever it suits its IP protection and climatic resistance. The Manual Call Point MHA 142 meets requirements of standard EN 54 -11.

The Manual Call Point connects to the addressable C.I.E. MHU 109, MHU 110, MHU 111, MHU 115, MHU 116, MHU 117 and not addressable C.I.E. MHU, 102, MHU 103, MHU 106, MHU 108 and MHU 113.

The Manual Call Point can be used in addressable system or in conventional system with current and voltage detection loops as a direct replacement of MHA 102, MHA 108 a MHA 141.

To the Manual Call Point can be connected Remote Indicator MHS 409, MHS 408, eventually MHS 407.

Addressing and setting of a Manual Call Point is carried out using preparation MHY 535.

Technical parameters

Addressable system	
Power supply	$20_{-3}^{+1} V_{imp}$ addressable C.I.E. LITES
Equivalent current	120 μA
Range of setting address	1 ÷ 128
Not addressable system	
Power supply	(16 ÷ 24) V_{SS}
Nominal power supply	21,5 V_{SS}
Current during fire alarm	- current regime 20 $^{+1}_{-5}$ mA
	- voltage regime max. 100 mA, (limited by C.I.E.)
	(5,7 ÷ 8) V by 10 mA
Optical signalling in detector	red LED
Protection according to ČSN EN 60 529	IP 43
Radio screening degree according to ČSN EN 55 022	B-class equipment
Cross-section of attachable conductors	(0,1 ÷ 1,5) mm ²
Size of vista	(66 × 66) mm
Mechanical protection of button	glass plate
Dimensions w x h x d	130 x 130 x 45 mm
Weight	ca. 270 g

Working conditions

The Manual Call Point is intended for stationary use in areas protected against weatherproof with classification according to ČSN EN 60 721-3-3:

Working temperature range	-20 °C to +70 °C
Relative humidity	max. 95 % by 40 °C
	(85% to 95% / ≤ 40 °C) 100 hours./year

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