

MHA 184 Ex

Manual Call Point

The Manual Call Point MHA 184 Ex 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 184 is intended for use at places unprotected against weather influences wherever it suits its IP protection and climatic resistance. The Manual Call Point MHA 184 meets requirements of standard EN 54 -11.

Primarily intended for hazardous areas, certificate number is FTZÚ 17 ATEX 0049X. Has increased level of protection for explosive gas atmosphere Gc and high level of protection for explosive atmosphere with dust Db, furthermore is designed for areas where lightweight detectors cannot be used, for example where increased mechanical resistance is required.

The Manual Call Point connects to the addressable control panels MHU 109, MHU 110, MHU 111, MHU 115, MHU 116, MHU 117 and conventional control panels 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 101, MHA 144, MHA 181, MHA 182 and MHA 183. 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.

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Technical parameters

Adressable system	
Power supply	$20 \cdot 3^{+1} V_{imp}$ adressable control panels LITES
Equivalent current	120 μA
Range of setting address	1 ÷ 128
Conventional system	
Power Supply	(16 ÷ 24) V_{DC}
Nominal power supply	21,5 V_{DC}
Current during fire alarm	- current regime - voltage regime
	20 ⁺¹ ·5 mA max. 100 mA (limited by control panel)
	(5,7 ÷ 8) V by 10 mA
Optical signalling detector	red LED
Protection according to ČSN EN 60 529	IP 65
Radio screening degree according to ČSN EN 55 022	B-class equipment
Cross-section of attachable conductores	(0,1 ÷ 1,5) mm ²
Size of vista	(70 x 70) mm
Mechanical protection of button	glass plate
Dimensions w x h x d	130,5 x 133 x 77 mm
Weight	ca. 1,1 kg
Explosive protection	{Ex} II 3G Ex ec ic IIC T5 Gc {Ex} II 2D Ex tb IIIC T 80 °C Db

Working conditions

The manuell call point is intended for stationary use in areas unprotected against weatherproof with classification according to ČSN EN 60 721-3-4:

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

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