

MHA 108.132V0

Manual Call point

Manual call point MHA 108.132V0 is a device intended for manual fire signalling by a person discovering the fire. It is used in FDFAS for railway wagons and on conventional (non-addressable) loops with voltage characteristics.



Manual call point MHA 108.132V0 is a conventional (non-addressable) detector. It is used in indoor areas where permanent movement of persons is expected or where the use of automatic detectors is ineffective (staircases, halls, etc.). Manner of use is given by the picture under the device's cover glass. After breaking the glass and pressing the button it sends an impulse to the control panel. Manual call point connects to conventional loops of railway control panels and to conventional loops with voltage characteristics of conventional control panels MHU 106 (with loop module JSM-5), MHU 108, MHU 113 and to loop modules on control panels MHU 115 and MHU 116/117.

The detectors comply with ČSN EN 54-11 standard and are subject to conformity assessment according to Act No. 22/1997 Sb., as amended by Act No. 71/2000 Sb. and relevant government regulations.

Technical parameters

Power supply voltage	16 ÷ 24 VDC
Maximal allowed voltage	32 VDC
Current during fire signalling	max. 100 mA (restricted by control panel)
Voltage during fire signalling	from 5,9 to 9 VDC at 10 mA
Optical signalling	red LED
Parallel signalling	max. 60 mA DC
Conductor diameter	min. 0,2 mm ²
Cover glass dimensions	66 × 66 mm
Protection according to ČSN 33 0330	IP 43
Radio screening degree according to ČSN EN 55022	B class equipment
Non-flammability of plastics	according to UL 94 - V0
Dimensions	129 × 129 × 47 mm
Weight	0,4 kg

Product is intended for operation with safe equipment in sense of ČSN EN 60950.

Working conditions

The MHA 108.132V0 manual call point is intended for the interior of objects without occurrence of aggressive substances, and for places where its protection and climatic immunity conform, and where sudden temperature changes leading to dew and ice accretion don't occur.

Working temperature range	from -25°C to +70°C
Relative humidity	max. 95% at +40°C (3 × 10 days per year)
Atmospheric pressure	from 60 to 106 kPa

Version 07/2019



LITES Liberec s.r.o., Oblouková 135
463 03 Stráž nad Nisou, Česká republika
www.lites.cz