

MHS 817

Repeater panel

Repeater panel is a simple upgrade element of the analogue addressable Fire Detection and Fire Alarm System LITES, that indicates situations of connected C.I.E.'s MHU 116 and MHU 117, and enables their control.



In the system it is possible to connect up to 16 C.I.E.s and repeater panels. All these devices show information about the whole system, unless it is not restricted in the configuration program.

To the repeater panel it is possible to connect a printer, configuration PC, computer of the superstructure, Remote routing equipment and Fire brigade control panel.

Technical parameters

Power supply

C.I.E.s MHU 116 and MHU 117
Power source (18 ÷ 27) Vdc

Signalling:

optical

acoustic

graphical display, LEDs

internal piezo element

Inputs universal

4 × guarded, contact, isolated 9 ÷ 30V

Outputs guarded open collectors

5 × max. 30 V, 0,15 A

Communication lines

Line RS 485/422 (for networking)

Connecting cable

connectable devices

simple/circle, max. 1 km

communication shielded paired

C.I.E.s MHU 116 and MHU 117, another repeater panel MHS 817.

RS 485 (for peripheries)

Fire brigade control panel MHY 919, ZDP or computer of the superstructure

RS 232

for connection of serial printer or configuration PC, computer of the superstructure, Remote routing equipment

UBS

for connection of configuration PC, computer of the superstructure, Remote routing equipment

Protection according to ČSN EN 60529

IP 30 (according to ČSN EN 60529)

Safety class equipment

III (according to ČSN EN 61010-1)

Radio screening degree

B-class equipment (according to ČSN EN 55022)

Dimensions

(320 × 245 × 66) mm

Weight

4 kg

Working conditions

The MHS 817 Repeater Panel 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

-5°C ÷ +40°C

Relative humidity

≤ 75%, 10 days in year 95%
on other days occasionally 85%

Atmospheric pressure

(86 ÷ 106) kPa

Mounting position

vertical on walls without vibrations

Version 04/2017

