

MHS 815

Repeater panel

Repeater panel is a simple upgrade element of the analogue addressable Fire Detection and Alarm System LITES, that indicates situations of connected C.I.E. MHU 115 and enables their control.



Repeater panel can be set to one of three modes – passive, semi-active and active.

- Passive mode – shows only state of an C.I.E. without possibility of it's control. Allows cancelling of acoustic signalling. Repeater panel connects to the line SL-RS 485.
- Semi-active mode – allows basic control of C.I.E. (reset, acknowledge of alarm, cancelling of acoustic signalling) and listing of events. Repeater panel connects to the line SL-RS 485.
- Active mode – shows information about the whole system and allows it's full control. Repeater panel connects to the line RS 485/422.

Technical parameters

Power supply

C.I.E. MHU 115
Power source (18 ÷ 27) V_{ss}

Signalling:

optical

acoustic

Inputs opto-isolated

Outputs guarded open collectors

Communication lines

Line RS 485

Connecting cable

Connectable devices

graphical display, LEDs

internal piezo element

2 × (9 ÷ 30) V

4 × max. 30 V, 0,15 A

simple/circle max. 1 km

communication shielded paired

computer of the superstructure, C.I.E. MHU 115, another repeater MHS 815, unit of outputs MHY 918.

serial printer or configuration PC

configuration PC

IP 30 (according to ČSN EN 60529)

III (according to ČSN EN 61010-1)

B-class equipment (according to ČSN EN 55022)

(320 × 245 × 66) mm

4 kg

RS 232

USB

Protection

Safety class equipment

Radio screening degree

Dimensions

Weight

Working conditions

The MHS 815 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

