

MHY 441

Evaluating unit

Evaluating unit MHY 441 is intended for powering and evaluation of state of special flame detector MHG 586 (MHG 585) in system of Fire signalization for spraying booths.

The unit is to be placed on a DIM rail in distribution box. Fault relay is opened in case of removing the detector from mounting base or during power interruption. Alarm relay is switched in case of fire.



Technical parameters

DC power voltage	(9 - 27) V	
Power consumption (including signalization)	supply 27 V	supply 9 V
in normal state	max. 30 mA	max. 60 mA
during fire alarm	max. 60 mA	max. 140 mA
Diameter of attachable conductors	Ø0,5 mm, max. Ø1,5 mm	
Line resistance	max. 100 Ω	
Output relays:	fire alarm	switchover contact
fault		NC contact
max. switching current	1 A	
max. switching voltage	48 V	
max. switching power	30 W _{DC} / 30 VA _{AC}	
Signalization:	operation	green LED
fire alarm		red LED
fault		yellow LED
IP protection according to ČSN EN 60529	IP 20	
Radio screening degree according to ČSN EN 55022	B- class equipment	
Dimensions	(35 x 90 x 58) mm	
Weight	65 g	

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

Working conditions

The MHY 441 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 +5 °C to +40 °C
Relative humidity	max. 80% at +40°C
Atmospherical pressure	from 60 to 106 kPa



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