IQ8MCP electronic module with isolator and external detector zone

Part-No.: 804905
Approval: VdS

Addressable electronic module suitable for use in the esserbus and powered loop with alarm latch and alarm indicator. Optional connection for conventional MCP. Without BUS connection, the detector operates as conventional MCP. Built-in loop isolator in the manual call point. An external detector zone (D-line) could be connected with up to ten conventional manual call points (internal Alarm resistor for each detector 1 KOhm) - e.g. Part No. 804900 or 804901 to this IQ8 manual call point model and configure required operation with tools 8000. When an alarm is triggered the address and the programmed additional text of the MCP IQ8 to which the conventional zone is connected are displayed automatically. Cable length of the D-line max. 500 meters!

Features:

- Slimline design
- Low power consumption
- Plug-in connection clamps
- Optional terminal clamps
- 2 x cable entries on top, at the bottom and on the rear panel
- Fixing on standard flush mounted installation box
- Test function via manual call point service key
- Detectors that are not ready for operation can be marked with the "Out of order" label by reversing the enclosed operating front foil

Common technical data	
Operating voltage	8 ... 42 V DC
Quiescent current @ 19 V DC	45 µA
Alarm current w/o communication curtain	18 mA
No. of detector/zone	10 detectors per zone, 127 detectors/loop (according to VdS)
Operation indicator	LED, green
Alarm display	LED, red
Connection terminal	max. 2.5 mm² (AWG 26-14)
Application temperature	-20 °C ... 70 °C
Storage temperature	-30 °C ... 75 °C
Air humidity	< 95 %
Type of protection	IP 44 (in housing), IP 55 (with accessory)
Housing	PC ASA plastic
Weight	approx. 236 g (in housing)
Detector specification	EN 54-11, type B
Dimensions	W: 133 mm H: 133 mm D: 36 mm
Declaration of Performance	DoP-20489130701

For a large MCP, the electronic module and the MCP housing must be ordered separately to have a complete MCP.

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