

FACP IQ8Control M for 19" rack



Part-No. 808219

Approval: VdS, CNBOP, BOSEC

The IQ8Control M as an efficient fire alarm control panel (FACP) for the property supervision of mid-sized to large objects, facilitates simultaneous detection, control and alarm signaling both on the analog ring as well as on the spur.

The loop operation type of the panel (powered-loop or non-powered-loop) can be selected via a jumper located on the power supply card.

Depending on which loop operation type has been selected, the corresponding analog module/modules should be used.

Features:

- Max. five micromodules, with peripheral module Part No. 772477, up to five esserbus loop modules (system supports up to 635 digital loop addresses in total)
- Max. seven micromodules, with extension module Part No. 772476, up to seven esserbus loop modules (system supports up to 889 digital loop addresses in total)
- Short circuit and open circuit tolerant loop operation
- Loop installation with I-Y(ST)Y 0.8 mm cable for a maximum length of 3.5 km
- Up to 127 esserbus devices (fire detectors and/or manual call points)/detector zones per loop
- Up to 32 esserbus transponders per loop/operation of wireless components (see chapter 10)
- Operation types TM and PM as per DIN VDE 0833 - 2 to avoid unwanted alarms being triggered
- Fire brigade operating panel and transmission interface on the peripheral module
- Three common relays, freely programmable, monitored, floating for up to 30 V DC/1A (on the peripheral module)
- TTY or RS 485 or RS 232 interface
- Integration in the short circuit and open circuit resistant essernet network with up to 31 fire detection panels depends on transmission rate
- Connection to graphical supervisor WINMAG via serial essernet interface (SEI)
- Operating panel with alphanumerical display
- Large display with 8 rows with 40 characters. As follows rated - four rows with 40 characters for the status information (first and last message), and the other four rows with 40 characters are used for system information e.g. "Sounders Off"
- Event memory for up to 10,000 events
- All Systems 8000 micromodules are compatible
- Printer interface for internal printer
- Two batteries with monitoring circuit
- Monitored input for external power supply unit

Additional features for powered loop

- Max. 6 powered loops and expandable up to 127 loop devices (per loop) in mixed mode / loop powered and non-loop powered (system supports up to 762 digital loop addresses in total)
- esserbus PLus (Powered Loop) supplied, synchronously controlled, acoustic alarm signaling devices as per DIN EN 54 - 3 with alarm tone as per DIN 33404
- Up to 48 powered loop base sounders (series 9200) per loop

• Up to 32 powered loop IQ8Alarm per loop
 • Up to 48 IQ8Sound with alarm device per loop
 Dieselstr. 2 41469 Neuss

Rated voltage	230 V AC
Rated current	0.35 A (standard); 0.7 A (powered loop)
Output voltage	12 V DC
Quiescent current	approx. 215 mA (basic configuration without operating unit) approx. 230 mA (basic configuration with operating unit)
Current consumption for ext. devices	2 A
Battery capacity	max. 2 x 12 V/24 Ah
Ambient temperature	-5 °C ... 45 °C
Type of protection	IP 30
Housing	ABS, 10 % glass fiber reinforced, V - 0
Air humidity	< 95 %
Color	gray similar to Pantone 538
Dimensions	W: 450 mm H: 640 mm D: 185 mm



The operating front must be ordered separately and is not included in the price.



FACP IQ8Control M 808004, including 19" mounting frame and flat cable for 19" installation.