

## FACP IQ8Control C for 19" rack



### Part-No. 808139

Approval: VdS, CNBOP, BOSEC

The IQ8Control C is an efficient fire alarm control panel for the property supervision of small to mid-sized objects facilitates simultaneous detection, control and alarm signaling both on the analog ring as well as on the spur. Within the multi-functional IQ8Control C panel, the operation type (powered-loop or non-powered-loop) can be selected via a jumper located on the control panel power supply unit.

Depending on which loop operation type has been selected, the corresponding loop module/modules are required.

#### Features:

- Max. two micromodules (system supports up to 254 digital loop addresses in total)
- Max. two esserbus analog loop modules
- Short circuit and open circuit resistant 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 alarm transmission unit interface on the peripheral module
- Three common relays, freely programmable, monitored, floating for up to 24 V DC/1A (on the peripheral module)
- TTY or RS 485, 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 FlexES Guard/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 System 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. 2 analog powered loop modules (System supports up to 254 digital loop addresses in total)
- BUS powered, 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 IQ8Quad with alarm device per loop

|                                      |   |
|--------------------------------------|---|
| Rated voltage                        | 230 V AC  |
| Rated frequency                      | 50 ... 60 Hz  |
| 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)<br>approx. 230 mA (basic configuration with operating unit) |
| Current consumption for ext. devices | 2 A   |
| Ambient temperature                  | -5 °C ... 45 °C   |
| Storage temperature                  | -5 °C ... 50 °C   |
| Type of protection                   | IP 30   |
| Housing                              | ABS, 10 % glass fiber reinforced, V - 0   |
| Air humidity                         | < 95 %  |
| Color                                | gray similar to Pantone 538   |
| Weight                               | approx. 6.5 kg  |
| Dimensions                           | W: 450 mm H: 320 mm D: 185 mm   |



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



FACP 808003 IQ8Control C, including 19" installation frame and flat cable for 19" installation.