FACP FlexES Control FX18 (5 loops)

Part-No.: FX808395
Approval: VdS, EN

Hardware FlexES Control FX18 basic configuration, with software support for 5 loops.
System supports up to 635 digital loop addresses in total. Configuration is modularly expandable up to 18 loops by exchange of the CPU module.

Rated voltage	230 V AC
Rated frequency	50 Hz ... 60 Hz
Rated current	0,8 A
Output voltage	24 V DC
Quiescent current	approx. 192 mA (base model w/o display and operating unit)
Current consumption for ext. devices	3 A
Ambient temperature	-5 °C ... 45 °C
Storage temperature	-10 °C ... 50 °C
Air humidity	< 95 % (non-condensing)
Type of protection	IP 30
Housing	ABS, 10% glass fiber reinforced, V - 0
Color	gray, similar to Pantone 538
Weight	approx. 15,1 kg (incl. neutral front)
Dimensions	W: 450 mm H: 960 mm D: 185 mm
Declaration of Performance	DoP-20903130701

Expandable to a maximum of eighteen module slots via optional extension module carriers. Space for required batteries in one or several extension housings.The following external printers could be switched on FlexES Control: - Epson LQ300 - MEFA (Part No. FX808353, FX808354)Optionally: the display and operating unit, labeling set or the neutral front must be ordered separately. Max. 18 micromodules, up to 18 esserbus analog loops and expandable up to 127 loop devices (per loop) in mixed mode / loop powered and non-loop powered (system supports up to 2,286 digital loop addresses in total).

Set includes 1 x power supply module, 1 x plugin connection cable, 1 x PS connection module, 1 x rear panel 1, 1 x control module, 1 x housing frame and 1 x base module carrier, 1 x set air filter

Features:

- Master/slave CPU by redundant control module
- Combinable loop/spur technology with decentralized intelligence
- Freely configurable functionality of modules
- 4 free programmable dry contacts and 1 output for alarm transmission unit (ATU)
- Increased availability via degraded mode function of the loop modules
- Degraded mode for monitored areas up to 48,000 m² or more than 512 fire detectors acc. to the German Planning standard VDE 0833 and/or VdS 2095
- USB, RS 485, TTY interfaces onboard
- Direct output of the proprietary EDP communications protocol (Data Protocol) via interface RS 485
- Operation of loop-powered alarm signaling devices (optical/acoustic/voice) in different alarm zones via esserbus-PLus
- Cascadable power supply to 450 W according to EN 54-4
- Loop length up to 3.5 km (esserbus)
- Operation of different input/output gateways
- Event memory with 10,000 entries
- Integrated interfaces for operation of required fire brigade periphery, e.g. fire brigade indicating panel, fire brigade operating unit
- Operation of VdS-approved wireless components with convenient field intensity measurement
- Parameterization, calibration and programming directly via USB
- Galvanic isolation of analog loops possible
- Up to 1,000 control zones
- Display and operating unit with 5.7" TFT display
- Capacitive keyboard for touch-sensitive operation
- Program-controlled night design with interactive keyboard menu
- BUS 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 / IQ8Alarm Plus devices per loop
- Up to 64 powered loop IQ8Alarm Plus So / FSo devices per loop
- Up to 48 IQ8Quad with alarm device per loop

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