FACP FlexES Control FX10 (10 loops)

Part-No. FX808394

Approval: VdS, CNBOP
Hardware FlexES Control FX10 basic configuration, with software support for 10 loops. System supports up to 1,270 digital loop addresses in total. Configuration is modularly expandable up to 18 loops by exchange of the CPU license and exchange of back plane.

Rated voltage	230 V AC
Rated frequency	50 ... 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)
	approx. 348 mA (base model with display and operating unit)
Current consumption for ext. devices	3 A
Battery capacity	4 x 12 V / 24 Ah
Ambient temperature	-5 °C ... 45 °C
Storage temperature	-10 °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. 15.1 kg (incl. neutral front)
	approx. 17 kg (incl. operating unit)
Dimensions	W: 450 mm H: 960 mm D: 185 mm

Expandable to a maximum of ten 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. FX808352, FX808354)
Optionally: the display and operating unit (Part No. FX808324), labeling set (Part No. FX8084xx) or the neutral front (Part No. FX808325) must be ordered separately.
Max. 10 micromodules, up to 10 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 1,270 digital loop addresses in total).

Set includes 1 x power supply module, 1 x plug-in connection cable, 1 x PS connection module, connecting cable 0.6 m, 1 x rear panel 2, 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 potential free contacts and 1 output for alarm transmission unit (ATU)
- Increased availability via emergency mode function of the loop modules
- Emergency 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
- Integrated interfaces for operation of required fire brigade periphery, e.g. fire brigade indicating panel, fire brigade operating unit
- Event memory with 10,000 entries
- 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

In connection with display and operating unit (Part No. FX808324)

- Display and operating unit with 5.7" TFT display
- Capacitive keyboard for touch-sensitive operation
- Program-controlled night design with interactive keyboard menu

Additional features for powered loop

- 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 per loop
- Up to 48 IQ8Quad with alarm device per loop