

FACP FlexES Control FX10 (5 loops)



Part-No. FX808393

Approval: VdS, CNBOP

Hardware FlexES Control FX10 basic configuration, with software support for 5 loops.

System supports up to 635 digital loop addresses in total. Configuration is modularly expandable up to 10 loops by exchange of the CPU license.

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

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