

FS10

Main Unit & Flush Mounted



Dedicated control and monitoring unit for the non-IMO requirements.

JKE-Solutions

Røjklitvej 28 | DK-6950 Ringkøbing

info@jke-solutions.dk

+45 77 34 77 12

Product Overview

The FS10 system is a dedicated control and monitoring unit designed specifically for fixed aerosol fire suppression systems for the non-IMO requirements in the marine market.

The FS10 system provides real-time supervision, manual and automatic activation, hold/cancel activation and status monitoring for up to 5 aerosol generators.

The FS10 supports remote activation, isolation modes, and integration with ventilation and alarm systems.

The FS10 systems are in two different types, a box model (0301) and a flush mount model (0302). The functions of the two types are the same.

Both units are CE marked and are ISO 9094 compliant.

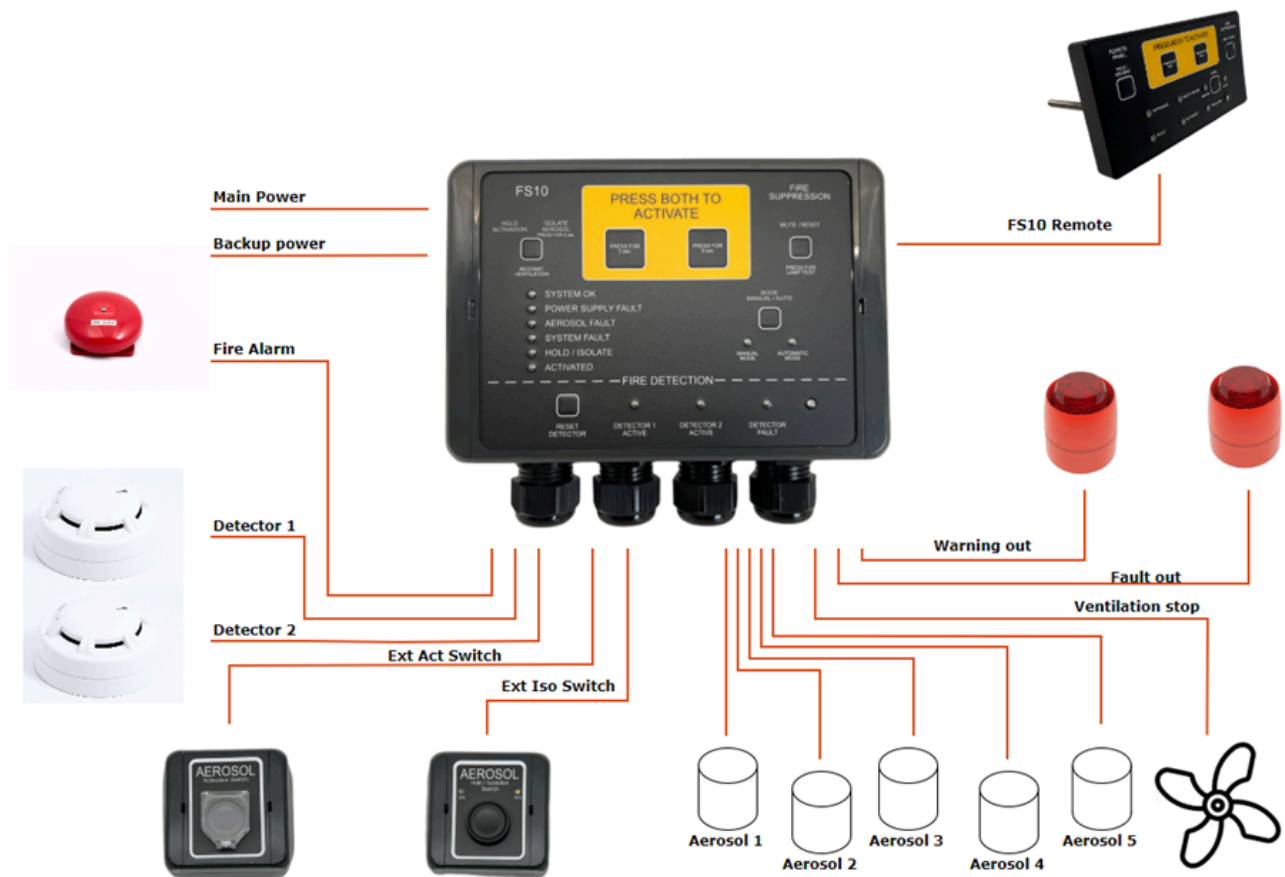


FS10 Main Unit



FS10 Flush Mounted





Key Features

- Power supply 12VDC or 24VDC
- Dual power input (Main and Backup)
- Supports up to 5 aerosol generators
- Integrated delay, Hold and Isolate functionality
- 2 zone detector input
- Manual or automatic release
- Dedicated outputs for Fire Alarm, Warning, Fault and Ventilation
- Internal logging with timestamp
- Configuration via BLE dongle and Crome browser
- Software is upgradeable in-field

Technical Specifications

Parameter	Value
FS10 Main Unit – Dimensions (WxHxD)	(190 x 160 x 60) mm
FS10 Main Unit – Weight	0.4 kg
FS10 Flush Mount – Dimensions (WxHxD)	(232 x 182 x (5+50)) mm
FS10 Flush Mount – Weight	1.1 kg
FS10 Flush Mount – Cutout (WxH)	(200 x 164) mm
Power Supply	12/24VDC (9.0–15.6V / 18–31.2V)
Current (Idle / Active)	< 50 mA / < 500 mA
Operating Temperature	-25°C to +70°C
IP Rating	IP66
Aerosol Generator	≤ 5 Aerosol Generators
Support between	0.5 – 4 Ω
Recommended max. cable length	30m (0.75mm ²)
If > 3 generators FS10 Connection Box is recommended	
Detectors	2 detector inputs (manual or automatic)
Detector inputs	≤ 3 devices per input with EOL – 10K Ω
Supports	Smoke, fire and flame detectors
Manual Call Points	330 – 390 Ω
Automatic Detectors	470 – 1000 Ω
Output	
Fire Alarm	150 mA, monitored
Warning Signal	150 mA, monitored
Fault Relay	NO, 2A max., 36VDC
Ventilation Relay	NO/NC, 2A max., 36VDC
ISO	ISO 9094:2022 compliant
External Devices	
External Activations switch	≤ 5 External Activation switches
External Hold/Isolate switch	≤ 1 External Hold/Isolate switches
FS10 Remote Panel	≤ 1 FS10 Remote panel > 1 on request

Ordering Information

FS10 Main JKE Part No.: 0301

FS10 Main – Flush Mount JKE Part No.: 0302

JKE-Solutions

Røjklitvej 28 | DK-6950 Ringkøbing

info@jke-solutions.dk

+45 77 34 77 12

