1-23911-K070

FireBeta XT Ancillary PCB

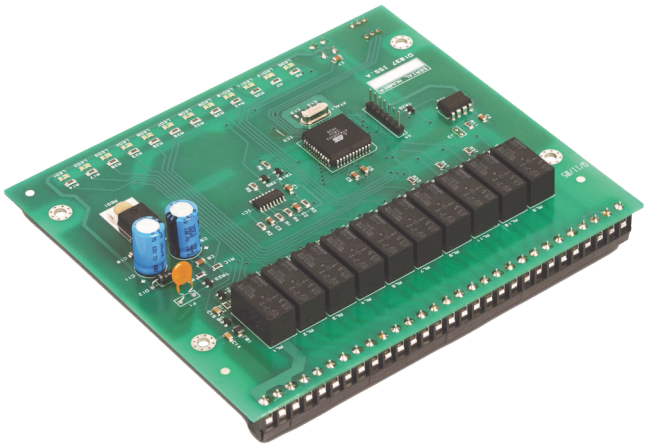
General

The FireBeta XT ancillary boards are accessories to the EN approved FireBeta XT/XT+ extinguishing control panels. These ancillary boards extend the signals from the extinguishing system to other control or signalling equipment e.g. the building management (BMS) or other fire alarm systems that may be present in the building.

Up to 7 ancillary boards can be connected to the FireBeta XT/XT+ control panel via a fully monitored RS485 communication link. This allows for the same signalling capabilities at multiple locations up to 1200 m away from the main control panel.

Every ancillary board is provided with 10 potential free changeover contact outputs, each allocated to a specific extinguishing system function. On board status LEDs are provided to indicate the status of each output These LEDs illuminate when the output is active.

Ancillary boards may be mounted inside the extinguishing control panel cabinet or remotely in external enclosures. Every ancillary board is given a unique address to enable accurate location reporting of communication faults between the panel and the board.



Supported Output Functions

The following area status can be signaled:
Zone 1 fire
Zone 2 fire
Zone 3 fire
Manual only mode activated
Disablement active
Gas release confirmation
Extinguishing release countdown activated
Manual release operated
Extract fan output operated
Hold circuit activated

Details

- Potential free contacts for remote signaling of extinguishing system status
- Supervised, 2-wire RS485 data connection
- Up to 7 boards per system
- LED indicators confirm relay operation
- May be mounted inside the extinguishing panel cabinet or remotely

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Technical specifications

General

Status indicaton	LEDs
Compatibility	FireBeta XT/XT+
Connectivity	Two wire RS485
Communication ports	1

Electrical

Power supply type	VDC
Operating voltage	20 to 30 VDC
Current consumption	0.175 A

Output

Output quantity	10
Output type and rating	Potential free relays, 1 A @ 30 VDC

Physical

Form factor	PCB
Physical dimensions	155 x 136 mm
Colour	Green
Mounting type	PCB mount

Environmental

Vandal proof	No
Operating temperature	-5°C to +50°C
Relative humidity	< 95% (non condensing)
Environment	Indoor

Regulatory

Compliancy	REACH, RoHS 2, WEEE
Certification	CE

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