

## FT1-SB Single Zone Fire Alarm System



The Brooks FireTracker FT1-SB Single Zone Conventional Fire Panel was specifically designed for switchboard applications where fire detection is required within the cabinet itself, rather than protecting the room within which the switchboard is located. The FT1-SB when used in conjunction with 4452 conventional smoke detectors, provides early warning of the presence of smoke within a switchboard generated from possible electrical malfunctions such as overloaded circuits, arcing and overheating.

The display module which includes all controls and system status indication displays in an enclosure that can be mounted in a standard DIN 92mm x 92mm square cut out. The termination module which is interfaced to the display module via RS485 (4 wire) is mounted on standard DIN rail along with a 24VDC 1 Amps witch mode power supply.

Input 85-264\/ AC

## **Features**

- OH&S friendly
- Split module design allows for more convenient mounting options
- Display mounts into standard DIN 92 x 92mm cut out
- Controller mounts on DIN rail or direct to wall
- Single conventional detector zone input (monitored for open and short circuit)
- Supervised alarm outputs limited to 0.5 Amp
- Two alarm changeover relay contacts 240V at 5 Amp and 24V at 0.5 Amp
- Two Fault changeover relay contacts

## **Technical Specification**

Current  Nominal 50mA Alarm 150mA  Temperature  0°C to + 50°C  Circuit Configuration  Connections  Screw terminals  Protection  IP31  Operating Humidity  Cable Length (between display & termination module)  Dimensions (H/W/D)  Display Module  Termination Module  Power Supply  Nominal 50mA Alarm 150mA  Length  End of Line Device 3k9  End of Line Device 3k9  Up to 3 metres  Up to 3 metres  96mm x 96mm x 72mm  90mm x 106mm x 58mm  90mm x 106mm x 58mm	Mains Power Supply	120-270VDC Output 24VDC +/- 10%, 1 Amp
Alarm 150mA  Temperature 0°C to + 50°C  Circuit Configuration End of Line Device 3k9  Connections Screw terminals  Protection IP31  Operating Humidity 5-95%, non-condensing  Cable Length (between display & termination module)  Dimensions (H/W/D)  Display Module 96mm x 96mm x 72mm  Termination Module 90mm x 106mm x 58mm	Current	Nominal 50mA
Circuit Configuration  End of Line Device 3k9  Connections  Screw terminals  Protection  IP31  Operating Humidity  5-95%, non-condensing  Cable Length (between display & Up to 3 metres termination module)  Dimensions (H/W/D)  Display Module  Termination Module  Pomm x 96mm x 72mm  90mm x 106mm x 58mm		Alarm 150mA
Connections  Protection  IP31  Operating Humidity  Cable Length (between display & termination module)  Dimensions (H/W/D)  Display Module  Termination Module  Screw terminals  Up to 3 metres  Up to 3 metres  96mm x 96mm x 72mm  90mm x 106mm x 58mm	Temperature	0°C to + 50°C
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termination module)  Dimensions (H/W/D)  Display Module  Termination Module  96mm x 96mm x 72mm  90mm x 106mm x 58mm	Cable Length	
Display Module 96mm x 96mm x 72mm Termination Module 90mm x 106mm x 58mm	`	Up to 3 metres
Termination Module 90mm x 106mm x 58mm	Dimensions (H/W/D)	
	Display Module	96mm x 96mm x 72mm
Power Supply 90mm x 22mm x 100mm	Termination Module	90mm x 106mm x 58mm
	Power Supply	90mm x 22mm x 100mm

## **Compatible Devices**

2324	Conventional Detector Base
4452	Conventional Smoke Detector
MFRS3	Flashni 24VDC Sounder Strobe
BS10603	Brooks 24VDC Red Strobe