

24V Isolated Failsafe Monitoring Unit

Part No. **BF391**



Overview

- Allows I/O devices that may not be compatible with the PSU failure requirements of BS 7273-4 Cat A to comply.
- Is supplied on a single gang plate with an onboard isolating End of Line Unit (EOL) and normally energised 24V 3A rated relay.
- Provides failsafe operation per BS 7273-4 Cat A, B & C requirements for all compatible I/O units.
- Provides failsafe operation per BS 7273-4 Cat A B & C requirements for multiple coincidental loop failures (sometimes required in a specification above and beyond the requirements of BS 7273-4) for all compatible I/O units.
- Accommodates I/O units sited inside or outside the 24V Aux enclosure (I/O units sited remotely require a BF390 EOL unit to maintain the failsafe function).
- Provides complete galvanic isolation between the fire alarm system and the door release system.
- Provides (where allowed) failsafe manual door release monitoring to BS 7273-4 Cat A utilising a single T&E cable for multiple manual operating points such as free swing doors.
- Click here for [Wiring Diagrams & Tech Specs](#).
- Ask for a copy of our Engineering Note on BS 7273-4 detailing what the standard does and does not require.

Technical Specifications

Indicators	Energised indicator off indicates the BF391's relay is in its de-energised, door released state., Energised indicator when lit green confirms the door release system is in its normal, door retained, energised state., Off/Fault indicator confirms the I/O unit has entered the door release state or there is a short or open circuit fault on the monitored wiring., Will also flag the flag the complete failure of the fire alarm system.
Product dimensions (mm)	85 W x 85 H x 30 D mm (Can be mounted on a standard UK 25mm single gang flush or surface back box).
Construction & finish	Plastic.
IP Rating	IP41.
Dimensions	87 W x 87 H x 28 D mm.



Weight 84g
Operating conditions/temperature -0°C to +40°C. Max. relative humidity 95% non-condensing.

