

ADDRESSABLE FAULT ISOLATOR

MODEL: AS-801-FI

In a loop type of fire alarm system, it often occurs that a partial short circuit of the loop affects the whole system. **ASES Fault Isolator** can isolate the short circuit from the whole system to ensure normal operation of other parts and except locate in the isolated part.

- The isolator applies to all loop fire alarm systems, suitable for Class A type loop wiring.

Description:

The **ASES Fault isolator** has been designed to operate on a loop of intelligent fire detection devices. An alarm is initiated by loop short circuit. The loop isolator signals to the Control and Indicating Equipment using an interrupt feature within the ASES Digital Protocol. An alarm status is indicated through the led, displaying solid RED LED. The fault isolator can be easily reset from the panel.

- Resettable operating function.
- Easy access, front reset mechanism.
- E-Z fit connector system for installation.
- Continuity link for cable insulation testing.
- Suitable for semi flush or surface mounting.

Features :

Polarity-sensitive external connections. Input and output can be used inversely without direction.

Delayed power-up to output end devices, avoids strong transient current when the load is heavy.

Plug-in structure.

Removable innovative chamber, easy for maintenance.

Easy to detect fault Fire due to two LED color. Green Color LED: Normal, RED Color LED: Device Fault.

Recommended Cabling:

1.5 mm² or above fire cable is recommended, laid through metal or flame-retardant conduit, but subject to local codes. Note: Different color cables are used to avoid wiring mistakes.



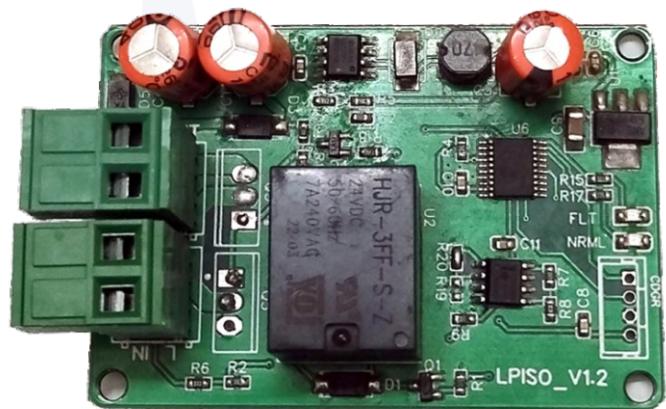
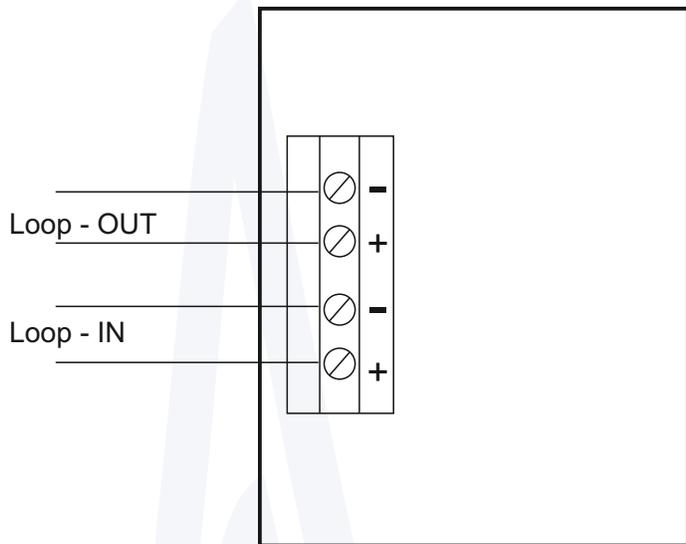
Approvals:



Technical Specification

Operating Loop Voltage	22-24 Vdc
Standby Current	70 μ A
Alarm Current	4.2 mA
LED indication	Green LED Continuous on normally. RED Steadily Illuminates after Loop line shorting.
Wiring Polarized	2-core for a loop.
Operating temperature	-10°C to 60°C
Relative Humidity	5% - 95% Rh
Material of Enclosure	ABS
Dimensions (L x W x D)	95 x 100 x 53 mm approx
Weight	136 g approx

Isolator Module image for wiring:



Mechanical Description:

