

Addressable Automatic Short Circuit, Over current detector and Isolator

Model – **AA104SCI**

Features:

- ✓ Electrical supervision
- ✓ Transient voltage protection up to 2.4KV
- ✓ Auto reset on short circuit correction
- ✓ ID can be changed from the panel

Specifications

Mechanical specifications

Dimensions		Weight	
(HxWxD)	106x108x38mm	Without backbox	144g
		With backbox	372g

General specifications

Operating temperature	0°C to 49°C
Storage temperature	10°C to 50°C
Humidity	0-95% RH (Non-condensing)
Colour	Red
Compatibility	AU101X Protocol
Housing	22 Gauge Sheet Metal Powder coated

Complied with:

UL 864

EN 54-Part 17



Overview:

This device is designed to detect over current/short circuit and isolates the supply to its output. At the time of short circuit, the device will disconnect the supply to the consecutive series of devices connected after isolator module. Short circuit isolators are placed between groups of devices. It minimise the damage due to the short circuits. It deactivates only disturbed circuit devices and other devices are undisturbed to deliver its function.

Electrical specifications

Operating Voltage	17-27V DC
Quiescent current	1.6mA
Short Circuit Leakage current	3.6mA

Indications

Normal	Green LED (Blinks during scan)
Alarm	Red LED (Steady glow)