

AS55000-750

Isolator



Product Overview

Product Type	Isolator
Part No.	AS55000-750
Digital Communication	XP95

Compliance



Product Information



CAUTION: Product use
The XP95A Isolator can only be used with an isolator base - Part No. 45681-211. It will not fit a standard addressable base.

The XP95A Isolator is placed at intervals on the loop and ensures that, in the case of a short circuit, only the section between the isolators will be affected. When the short circuit is removed, the isolators automatically restore power and data to the isolated section.

- Detects wiring short-circuits using patented technology
- Minimizes disruption from short circuits
- Automatic de-isolation on short-circuit removal
- Up to 20 devices may be installed between isolators

Technical Data

All data is supplied subject to change without notice. Specifications are typical at 24 V, 73°F and 50% RH unless otherwise stated.

Working voltage	17 V - 28 V dc (max dc voltage range)
Digital communication	XP95, (Discovery and CoreProtocol compatible)
Modulation voltage	5 - 9 V peak to peak
Single line circuit (SLC)	Supervised
Supervisory current	110 μ A
Surge current	0 mA
Maximum current drawn	8.5 mA
Maximum line impedance	50 Ω
Temperature range	32 °F to 100 °F (0°C to 38°C)
Humidity (no condensing or icing) Standards & approvals	10% to 93% RH UL, ULC, FM, CSFM, MSFM
Dimensions	4.0 in. (100 mm) diameter x 1.25 in. (32 mm) height
Materials	White flame-retardant polycarbonate

Notes:

The isolator must be connected to a power limited circuit with a maximum loop current of continuous 1 A.