EvacGo

Isolator

Product Information

The EvacGo 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.

The EvacGo isolator can only be used with the isolator base (EVAC-ISO/MB) and will not fit a standard addressable base.



Features

- Detects wiring short circuits using patented technology
- Minimises disruption from short circuits
- Automatic de-isolation on short-circuit removal
- Up to 20 detectors (or equivalent) may be installed between isolators

Standards and Approvals

- EN 54-3:2001 +A1:2002 +A2:2006 - Sounders
- EN 54-3:2014 +A1:2019 - Sounders
- EN 54-17:2005 +AC:2007 - Short circuit isolators
- EN IEC 63000:2018 - Hazardous substances
- BS EN 61000-6-3:2007 +A1:2011 - Electromagnetic compatibility
- BS EN 50130-4:2011 +A1:2014 - Electromagnetic compatibility

Order Codes and Options

EVAC-ISO	Isolator (Requires EVAC-ISO/MB)
EVAC-ISO/MB	Isolator mounting base (for EVAC-ISO)

Specification

Supply voltage	17V - 28V dc
Modulation voltage	5V - 9V peak to peak
Quiescent current	35µA
Surge current	0mA
Maximum current drawn	8.5mA
Maximum line impedance	50Ω
Operating temperature	-30°C to +80°C
Humidity	10% to 93% RH (No condensation or icing)
Dimensions	100mm diameter x 3.5mm deep
Materials	White flame-retardant polycarbonate

Note: All data is supplied subject to change without notice. Specifications are typical at 24V, +25°C and 50% RH unless otherwise stated.

EMC Directive 2014/30/EU

The EvacGo isolator and isolator base comply with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this data sheet.

Conformity of the isolator and isolator base with the EMC Directive, does not confer compliance with the directive on any apparatus or systems connected to them.

Construction Products Regulation (EU) 305/2011

The EvacGo isolator complies with the essential requirements of the Construction Products Regulation (EU) 305/2011.

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.