



## Odyssey Isolator (200-504)

The 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
- Minimises disruption from short-circuits
- Automatic de-isolation on the short-circuit removal

## TECHNICAL DATA

Operating voltage	17 V - 28 V dc (max dc voltage range)
Digital communication	Odyssey
Modulation voltage	5 - 9 V peak to peak
Quiescent current	35 $\mu$ A
Surge current	0 mA
Maximum current drawn	8.5 mA
Maximum line impedance	50 $\Omega$
Operating temperature	- 30 °C to +80 °C
Humidity (no condensing or icing)	10% to 93% RH
Standards and approvals	CPR, LPCB, VdS
Dimensions	100 mm diameter x 3.5 cm height
Materials	White flame-retardant polycarbonate. Terminals: Nickel plated stainless steel
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 Isolator and Isolator Base comply with the essential requirements of the EMC Directive 2014/30/EU, provided that they are used as described in this datasheet.

A copy of the Declaration of Conformity is available on request.

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

### Construction Products Regulation 305/2011/EU

The Isolator complies with the essential requirements of the Construction Products Regulation 305/2011/EU.

A copy of the Declaration of Performance is available upon request.