

ATS1740

RS485 databus isolator/repeater

Product Overview

The ATS RS485 isolator/repeater allows to electrically isolate the Advisor MASTER communication bus to prevent damage by voltage differentials. At the same time it extends the data bus maximum length from 1,5 km up to 6 km. Also enables retrofit of Advisor MASTER devices used in a star configuration.



Details

- Voltage isolation of the RS485 bus
- RS485 bus extension (1.5 km)
- Allows for protected databus per area
- Fits in any ATS housing
- LED's indicate bus traffic

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Technical specifications

General

Accessory group	ATS Master
Type	Module

Electrical

Operating voltage	10.5 - 13.8 V
Current consumption	90 mA max

Physical

Physical dimensions	80 x 52 mm
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Environmental

Operating temperature	-10 to 55°C
Relative humidity	95 % non-condensing

Supply voltage

10.5 - 13.8 VDC

Operating current

90 mA max.

Isolation voltage

1500 V

Specified cable

Aritech WCAT 52/54 or equivalent

Max. distance from panel

1.5 km

Dimensions (W x H)

80 x 52 mm

Operating temperature

-10° to +55°C

Relative humidity

95%, noncondensing

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