Carrier

ATS1742
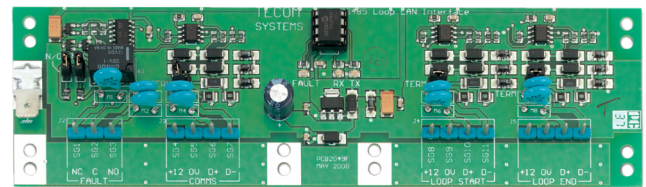## RS485 databus closed loop interface

Product Overview

The ATS RS485 closed loop module allows the RS485 data bus to start from one point and end at the same point.

If a breakage occurs in the loop at any point, communication continues in the opposite direction, therefore ensuring a continuous operation. Breakages in the loop also trigger a fault relay, and the Advisor MASTER is able to determine the location of the breakage and generate an alarm.

Mounting

The board has a standard Aritech 'B' size footprint, mountable in existing Interlogix housings. Recommended cable is WCAT 52/54; 2-pair twisted, shielded, data cable.

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Technical specifications

General

Accessory group	ATS Master
Type	Module

Electrical

Operating voltage	10.5 - 13.8 V
Power supply type	VDC
Current consumption	80 mA max
Specified cable	Aritech WCAT 52/54 or equivalent
Max. distance from panel	1.5 km

Physical

Physical dimensions	175 x 50 mm (W x H)

Environmental

Operating temperature	0 to 50°C
Relative humidity	95 % noncondensing