



ATS RS485 to RS232 interface

ATS1741

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The ATS1741 converts the RS232 into RS485 and enables to extend the Advisor MASTER data bus. An RS232 PC connection can only be made up to distances of 12 m with the standard RS232 cable. When the distance is over 12 m, two ATS1741's can be used to extend this distance. The ATS1741 converts RS232 to RS485. Now a distance of up to 1,5 km is available.

When networking several control panels together on an RS485 LAN, an ATS1741 is used with each computer interface (ATS1801) to convert RS232 to RS485.

Units can be up to 1.5 km from the 4-door DGP or control panel, depending on the type of cable used. Recommended cable is WCAT 52/54; 2-pair twisted, shielded, data cable.

Specifications

Supply voltage	10.5 - 13.8 VDC
Operating current	100 mA max.
Isolation voltage	not applicable
Specified cable	Aritech WCAT 52/54 or equivalent
Max. distance from panel	1.5km
Dimensions (W x H)	90 x 80 mm
Operating temperature	-10° to +50°C

Ordering Information

ATS1741	ATS RS485 to RS232 interface
ATS1740	ATS RS485 isolator/repeater
ATS1742	ATS RS485 closed loop module
ATS1743	ATS RS485 to optical fibre interface

