ATS1170

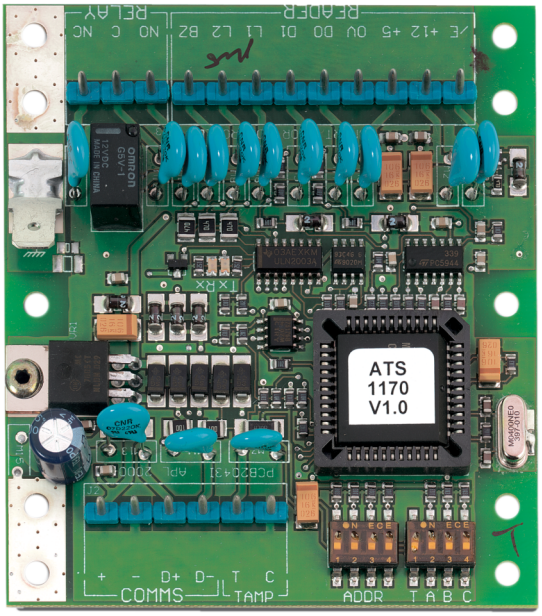
Wiegand reader interface RAS (single door controller)

Product overview

The ATS1170 is a Single Door Controller with a built-in interface for Wiegand readers.
The unit will be polled as a RAS on the RS485 data bus and therefore needs to be programmed as a Non LCD RAS. You can connect now ATS readers directly to the ATS bus, allowing them to be used as a RAS for arming/disarming.
For special applications the unit can operate in a limited off line mode with an external 12 VDC power supply. In this off line mode a database for 20 users is available. It can be used as a standard door controller. For access control applications a Request To Exit input and one relay for an electrical door lock are standard available on board.

Installation

ATS1170 PCB can be mounted in any existing control panel housing which supports the size B board. Addressing : DIP switches 1 to 4 are used to identify the RAS number.



Details

- Single Door Controller with offline database for 20 users
- Provides connectivity to Wiegand readers
- Compatible with Axon and Advisor Advanced panels
- Operational in stand-alone with an external 12 VDC power supply
- Polled as a RAS on the RS485 data bus
- Request To Exit input on board
- 1 relay on board for electrical door lock
- Aux power O/P is 5 V, 100 mA max. for readers
- Max. number on panel bus - 15
- Specified cable: Aritech WCAT 52/54 or equivalent
- Compatible formats on control panels, Wiegand 26 bits, MagSwipe

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Technical specifications

System

Max. reader distance to panel	1.5 km from control panel
Addressing type	DIP Switches
No. of covers included	No

Technology

Reader type	Interface

Interface & connections

Interface	ATS RS-485, Wiegand
Connector type	Terminal Strip

Inputs / outputs

Inputs	Request to exit
Outputs	Aux relay - Form C, switches up to 1A @ 30 VDC

Operation

PIN keypad	No

Electrical

Operating voltage	10.5 to 13.8 VDC
Current consumption	45 mA typical (no peripheral devices fitted)

Physical

Physical dimensions	80 x 52 mm (W x H)
Mounting Type	PCB mount

Environmental

Operating temperature	0 to +50°C

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