

ATS1253

4 DOOR ACCESS CONTROL EXPANDER (12V) ATS1640 HOUSING

Data Gathering Panels

Data Gathering Panels (DGP) are used to expand the number of alarm inputs on the system and allow inputs and relays to be connected at a location remote from the Advisor MASTER panel. DGPs communicate via poll & reply messages and send alarms to the control panel for processing. The DGPs collect information from detectors, door contacts and other similar devices. There are DGPs available for conventional devices, wireless devices as well as for intelligent addressable devices. This special DGP, also called 4-Door controller, is available for collecting the information for four doors.

Product Overview

The ATS1253 4-Door controller is a versatile access control panel to extend the Advisor MASTER system with advanced access control functions. Real time alarm and access control on 4 doors, with power supply and housing. A total of twelve 4-Door controllers can be connected to an Advisor Master panel. To program the controllers a user interface with liquid crystal display must be included in the system.

Extensive programming features

Can be used to program a sequence of unique events for a desired outcome (macro logic). For example when a user badges a card or selects a floor, lights in the area can be programmed to turn on or a macro can activate a light on a map at a security desk to indicate a floor has been accessed.

Connectivity

A total of twelve 4-Door controllers can be connected to an Advisor Master panel. To program the controllers a user interface with liquid crystal display must be included in the system.

Communications

The controllers can be mounted up to 1.5 km from the Advisor Master panel, which will continuously check if the controller is still on line. The 4-door controller and the 4-lift controller can operate off-line with no degradation in performances, should communication with the Advisor Master panel fail.

Users

The 4-door controller and the 4-lift controller are using the user information from the Advisor Master panel. The number of card users is 11466. 1000 users can be programmed with a PIN code and with a name.

Access control procedures

Access control procedures like swiping a card or entering a PIN, can be programmed to function only within particular blocks of time or outside those times. For example, during a period deemed as a high



Details

- Real time alarm & access control on 4 doors
- Full mirror database for offline condition
- Max 12 4-door controllers and 48 intelligent doors/panel
- Global anti-passback
- Region control
- User counter, interlocking, card + PIN
- 8 alarm inputs on board
- Local RS485 bus for up to 16 readers
- Wide range of third party readers supported
- 4 relays on board for lock strikes
- 52 programmable outputs
- 12V Lock power, 4A power supply

security risk, granting access may require a PIN and card to be presented at reader. At another time of low security risk, access to the same area may be gained with only the presentation of a card.

Door groups

The 4-door controller is also using the door groups from the Advisor Master panel. Standard there are 128 door groups available.

Timezones and holidays

The controllers can use one or more of the 24 free programmable time zones and 24 holiday slots.

Inputs

The ATS1253 has eight 4-state monitored inputs on board. On the 4-door controller, by default 8 inputs are assigned to Request to Exit buttons and door contacts, but they can also be re-programmed as regular inputs.

Readers

The ATS 1253 supports many reader formats including magnetic swipe, PIN code, proximity and Wiegand.

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Technical specifications

General

Expander type	Door controller
Product line	Advisor Advanced, ATS Master
Connection type	Databus connection
Max. distance from panel	1.5 km
Specified cable	Aritech WCAT 52/54 or equivalent

System

Users	more than 1000
PIN codes	1000 dependant on panel memory options
Door groups	128
Timezones / holidays	24/24
Addressing	DIP Switches

Inputs

Total	32
No. of wireless zones	8 (free programmable inputs)
Expandable	24

Outputs

Onboard	8
Relays	4 on-board (expandable to 52 with relay cards)

Backup

Dynamic battery testing	Yes
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Electrical

Operating voltage	13.8 V
Power supply type	VDC
Current consumption	4000 mA
Integrated power supply	Yes

Physical

Physical dimensions	445 x 315 x 90 mm (W x H x D)
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Environmental

Operating temperature	0 to 50 °C
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Data bus monitoring

	Continuous monitoring for off-line conditions of all devices on bus
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Users

	11466 cardholders (expandable to 65535 with IUM)
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Mains transformer

	230 V 50 Hz / 129 VA
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Last updated on 13 August 2019 - 11:31

