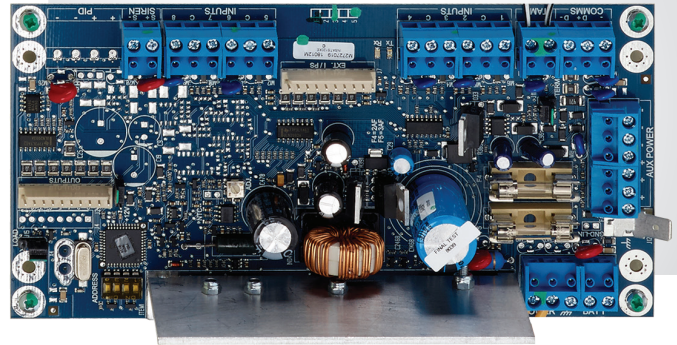


ATS1201E

8 to 32 zones DGP input expander,
3 A power supply, medium metal
housing, EN Grade 3, Class II



OVERVIEW

The ATS1201E and ATS1204E expanders offer 8 standard inputs and a siren driver. The expander can be extended to a total of 32 inputs and 32 outputs.

EXPANDERS

Expanders are used to expand the number of alarm inputs in an Axon system. Expanders allow inputs and outputs/relays to be connected at a location remote from an Axon panel. Expanders communicate via poll & reply messages. Detectors, door contacts and other detection devices are connected to expanders that report any change of state to the control panel for processing.

Available expanders include support for conventional devices, wireless devices as well as intelligent addressable devices. A special expander is available providing expansion of four to eight intelligent doors or lifts.

SYSTEM DATABUS CONNECTION

The system databus is used to connect expanders as well as keypads and readers (RASs) to the Axon control panel. Remote devices can be up to 1.5 km from a control panels when using the preferred wiring and cable types. Keypads, readers and expanders have to be connected via a 2 pair twisted and shielded data cable to the system databus connection to achieve this. (WCAT52 is recommended). Daisy chain is the preferred wiring method. The shield of the data cable should be connected to earth at the control panel and should be left disconnected at any other end.

FUNCTIONALITY

Expanders provide information from remote locations to the Axon control panels in structured records. Data collected ranges from a wired input state to wireless or addressable device dates to a door state.

Bus devices communicate with the control panel. If a failure in communication occurs, the expander remembers the last alarm in a system preventing loss of an alarm due to a short interruption in data communication.

Up to 15 or 30 expanders can be connected to an Axon control panel depending on the variant.

FEATURES

- 8 inputs on board
- Expandable to 32 inputs
- Expandable to 32 OC outputs/relays with optional cards
- 1 siren output

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SPECIFICATIONS

General	
Expander type	Input expander
Product line	Axon
Connection type	Databus connection
Max. distance from panel	1.5 km
Max. per panel	15 / 30 (depending on panel type)
Specified cable	WCAT52 / WCAT54 or equivalent
System	
Addressing	DIP Switches
End of life resistor	Selectable
Inputs	
Total	32
Onboard	8
Expandable	24 (3x ATS1202)
Outputs	
Total	32
Type of outputs	Open Collector
Relays	Via ATS1810 / ATS1811
Siren outputs	1
Backup	
Battery type	Up to 18 Ah
Dynamic battery testing	Yes
Electrical	
Power supply type	230 VAC
Power supply value	230 VAC +10%, -15%, 50/60 Hz
Power consumption	2.9 A max. at 13.8 VDC
Current consumption	75 mA max
Integrated power supply	Yes
Physical	
Physical dimensions	345 mm x 450 mm x 73 mm
Net weight	4.9 kg (without battery)
Material	Steel (painted)
Housing	Medium Metal
Environmental	
Operating temperature	-10 to +55°C
Relative humidity	95% noncondensing
Environment	EN50130-5 ; Class II - Indoor (general)
IP rating	IP 30
Regulatory	
Compliance	CE, RCM