ATS1201E

ATS 8 - 32 ingangen DI incl. 2A voeding, sirene-uitgang en 8 OC-uitgangen, in middelgrote stalen behuizing

Product overview

The ATS1201E expanders offer 8 standard inputs, 8 Open Collectors (OC) outputs and a siren driver. The expander can be extended to a total of 32 inputs and 32 outputs. It has a built-in 3 A switched mode power supply.

Expanders

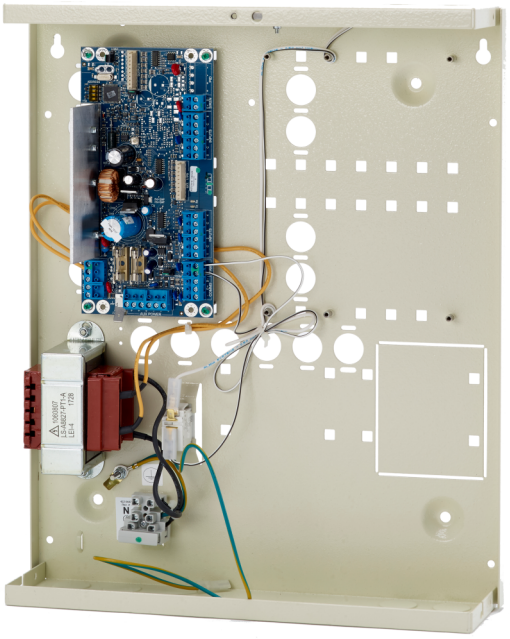
Expanders are used to expand the number of alarm inputs in an Axon or Advisor Advanced system. Expanders allow inputs and outputs/relays to be connected at a location remote from an Axon or Advisor Advanced panel. Expanders communicate via poll & reply messages. Detectors, door contacts and other detection 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 or Advisor Advanced control panels. 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 Axon or Advisor Advanced 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 30 expanders can be connected to an Axon or Advisor Advanced, depending on the variant.



Details

- 8 inputs on board
- Expandable to 32 inputs
- 8 Open Collector outputs on board
- Compatible with Axon and Advisor Advanced panels
- Expandable to 32 OC outputs/relays with optional cards
- 1 siren output
- Switched mode power supply

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Technische specificaties

Algemeen

Type utbreiding	Ingangsuitbreiding
Productlijn	Advisor Advanced, ATS Master, Axon
Type aansluiting	Databus connection
Compatibiliteit	Axon, Advisor Advanced and Advisor Master
Max. afstand van paneel	1.5 km
Max. per paneel	7 / 15 / 30 (depending on panel type)
Gespecificeerde kabel	WCAT52 / WCAT54 or equivalent

Systeem

Adressering	DIP Switches
End-of-line weerstand	Selectable

Ingangen

Totaal	32
Onboard	8
Uitbreidbaar	24 (3x ATS1202)

Uitgangen

Totaal	32
Onboard	8
Uitbreidbaar	24
Type uitgangen	Open Collector
Relais	Via ATS1810 / ATS1811
Maximaal aantal uitgangen	32
Sirene uitgangen	1

Back-up

Type batterij	Up to 18Ah
Dynamisch accutest	Yes

Elektrisch

Type voeding	230 VAC
Waarde voeding	230 VAC +10%, -15%, 50/60 Hz
Vermogensverbruik	2.9 A max. at 13.8 VDC
Stroomverbruik	75 mA typical
Geïntegreerde voeding	Ja

Fysiek

Fysieke afmetingen	315 x 388 x 85 mm
Netto gewicht	5.4 kg
Materiaal	Staal (geverfd)
Behuizing	Medium Metal

Omgeving

Bedrijfstemperatuur	-10 to +55°C
Relatieve vochtigheid	95% noncondensing
Omgeving	EN50130-5 ; Klasse II - Binnen (algemeen)
IP-classificatie	IP30

Regelgeving

Conformiteit	CE
Certificering	CE

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