

ATS1211E

8 -16 zone & output DGP expander without PSU in small metal housing (ATS1643), EN50131 Grade 3 & PD6662:2010

Product Overview

The ATS1210E and ATS1211E expander offers 8 standard inputs and 8 Open Collector (OC) outputs. The expanders allow increasing the inputs and outputs of an Axon panel or an Advisor Advanced control panel or CDC4 series door/lift controller. The ATS1210E is provided in a small plastic enclosure (ATS1644) and the ATS1211E in a small metal enclosure (ATS1643).

Expanders

Expanders are used to expand the number of alarm inputs in an Axon or an Advisor Advanced system. Expanders allow inputs and outputs/relays to be connected at a location remote from an Axon or an 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 panel or the Advisor Advanced 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 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 the system, depending on the variant.



Details

- 8 inputs on board
- Expandable to 16 inputs
- 8 OC outputs on board
- Expandable to 16 outputs
- ATS1643 metal enclosure with tamper protection
- EN50131 Grade 3
- PD6662:2010

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Technische specificaties

Algemeen

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

Systeem

Adressering	DIP Switches
End-of-line weerstand	Selectable

Ingangen

Totaal	8
Onboard	8

Uitgangen

Totaal	8
Onboard	8
Type uitgangen	Open Collector

Elektrisch

Bedrijfsspanning	10.5 to 13.8 VDC
Stroomverbruik	53 mA max.
Geïntegreerde voeding	No

Fysiek

Fysieke afmetingen	165 x 125 x 36mm
Netto gewicht	790 gr
Materiaal	Staal (geverfd)
Behuizing	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	EN50131 Grade 3, VdS

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