

ATS1211E

Expansores ATS (DGP) - Expansor de 8 entradas y 8 salidas OC. Caja metálica ATS1643 incluida.

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.



Detalles

- 8 inputs on board
- 8 OC outputs on board
- Compatible with Axon and Advisor Advanced panels
- ATS1643 metal enclosure with tamper protection
- EN50131 Grade 3
- PD6662:2010

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Especificaciones técnicas

General

Tipo de expansor	Expansor de entrada
Línea de producto	Advisor Advanced, ATS Master, Axon
Tipo de conexión	Databus connection
Compatibilidad	Advisor Advanced, Advisor Master or Axon
Máx. distancia desde el panel	1.5 km
Máx. por panel	15 / 30 (depending on panel type)
Cable especificado	WCAT52 / WCAT54 or equivalent

Sistema

Direccionamiento	Interruptores DIP
Resistencia final de línea	Selectable

Entradas

Total	8
En placa	8

Salidas

Total	8
En placa	8
Tipos de salidas	Open Collector

Eléctrico

Voltaje de funcionamiento	10.5 to 13.8 VDC
Consumo de corriente	53 mA max.
Fuente de alimentación integrada	No

Físico

Dimensiones físicas	165 x 125 x 36mm
Net weight	790 gr
Material	Acero (pintado)
Carcasa	Metal

Medioambiental

Temperatura de funcionamiento	-10 to +55°C
Humedad relativa	95% noncondensing
Entorno	EN50130-5 ; Clase II - Interior (general)
Clasificación IP	IP30

Regulador

Cumplimiento	CE
Certificación	EN50131 Grado 3, VdS