

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 to increase the inputs and outputs of 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 Advisor Advanced system. Expanders allow inputs and outputs/relays to be connected at a location remote from 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 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 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 15 or 30 expanders can be connected to an Advisor Advanced depending on the variant.



Detalles

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

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Technical specifications

General

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

System

Direccionamiento	Interruptores DIP
Resistencia final de línea	Selectable

Inputs

Total	8
En placa	8

Outputs

Total	8
En placa	8
Tipos de salidas	Open Collector

Electrical

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

Physical

Dimensiones físicas	165 x 125 x 36mm
Peso neto	790 gr
Material	Acero (pintado)
Housing	Metal

Environmental

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

Regulatory

Cumplimiento	CE
Certification	VdS



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