ATS1211E

Expansor DGP de 8 Zonas, 8 Saídas - EN50131 Gr 3 Classe II, Caixa Metálica Pequena

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.

Detalhes

- 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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Especificações técnicas

Geral

Tipo de expansor	Expansor de entrada
Linha de produto	Advisor Advanced, ATS Master, Axon
Tipo de ligação	Databus connection
Compatibilidade	Advisor Advanced, Advisor Master or Axon
Distância máx. do painel	1.5 km
Máx. por painel	15 / 30 (depending on panel type)
Cabo especificado	WCAT52 / WCAT54 or equivalent

Sistema

Endereçamento	DIP Switches
Resistência fim-de-linha	Selectable

Entradas

Total	8
Incorporadas	8

Saídas

Total	8
Incorporadas	8
Tipo de saídas	Open Collector

Elétrica

Tensão de operação	10.5 to 13.8 VDC
Consumo de corrente	53 mA max.
Fonte de alimentação integrada	Não

Físico

Dimensões físicas	165 x 125 x 36mm
Peso líquido	790 gr
Material	Aço (pintado)
Caixa	Metal

Ambiental

Temperatura de operação	-10 to +55°C
Humidade relativa	95% noncondensing
Ambiente	EN50130-5; Classe II - Interior (geral)
Classificação IP	IP30

Regulamentação

Conformidade	CE
Certificação	EN50131 Grau 3, VdS