

ATS1204E

Expansor DGP de 8 - 32 Zonas, 8 - 32 Saídas, PSU 3A - EN50131 Gr 3 Classe II, Cx. Metálica Grande

Product overview

The ATS1201E and ATS1204E 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 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

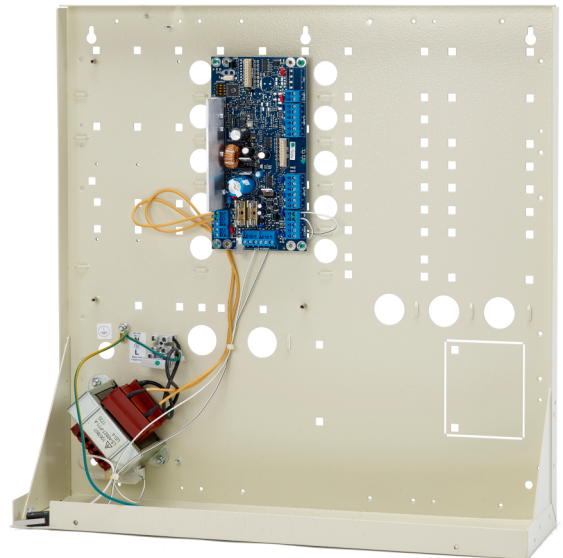
The system databus is used to connect expanders as well as keypads and readers (RASs) to the Advisor Advanced control panel. Remote devices can be up to 1.5 km from a control panels when using the preferred wiring and cable types. Keypads, readers and expanders have to be connected via a 2 pair twisted 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.



Detalhes

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

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Especificações técnicas

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

Regulamentação	
Conformidade	CE
Certificação	CE

Sistema	
Endereçamento	DIP Switches
Resistência fim-de-linha	Selectable

Entradas	
Total	32
Incorporadas	8
Expansíveis	24 (3x ATS1202)

Saídas	
Total	32
Incorporadas	8
Expansível	24
Tipo de saídas	Open Collector
Relés	Via ATS1810 / ATS1811
Número máximo de saídas	32
Saídas de sirene	1

Backup	
Tipo de bateria	Up to 25 Ah
Teste dinâmico de bateria	Yes

Elétrica	
Tipo de fonte de alimentação	230 VAC
Valor da fonte de alimentação	230 VAC +10 %, -15 %, 50/60 Hz
Consumo de energia	2.9 A max. at 13.8 VDC
Consumo de corrente	75 mA typical
Fonte de alimentação integrada	Sim

Físico	
Dimensões físicas	475 x 460 x 160 mm
Peso líquido	9.7 kg
Material	Aço (pintado)
Caixa	Large Metal

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



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