ATS1210E

8 -16 ZONE DGP EXPANDER, NO PSU IN SMALL PLASTIC ENCLOSURE

Data Gathering Panels

Data Gathering Panels (DGP) are used to expand the number of alarm inputs on the system and allow inputs and relays to be connected at a location remote from the ATS Advanced or ATS MASTER panel. DGPs communicate via poll & reply messages and send alarms to the control panel for processing. The DGPs collect information from detectors, door contacts and other similar devices. There are DGPs available for conventional devices, wireless devices as well as for intelligent addressable devices. A special DGP is also available for collecting the information for either four doors or lifts.

System databus connection

The system databus is used to connect Data Gathering Panels (to provide extra zones) and Arming Stations to the ATS Advanced or ATS MASTER control panel. Remote devices can be up to 1.5 km from an ATS control panel. Arming stations and Data Gathering Panels must be connected via a 2 pair twisted shielded data cable from the system databus connection. (WCAT 52 is recommended). The shield of the data cable should be connected to earth at the ATS control panel and should be left disconnected at any other end.

Functionality

Should a failure in communications occur, the Data Gathering Panel remembers the last alarm state for connected detectors, helping to identify possible reasons for faults. Up to 15 DGP's can be connected directly to the Advisor Master panel and up to 8 to the ATS Advanced control panell. For every DGP expanded to more than 16 inputs, the total number of Data Gathering Panels in a system reduces by one. If a system has all its Data Gathering Panels fully expanded to 32 inputs, the physical number of Data Gathering Panels in a system becomes 8.

Product Overview

8 -16 zone & output DGP expander without PSU in small plastic enclosure, EN50131 Grade 3 & PD6662:2010. Depending on the basic capacity of the control panel up to 15 input expanders can be used at a maximum distance of 1,5km. The product is provided in the ATS1644 plastic housing.

Características Standard

- 8 inputs on board
- Expandable to 16 inputs
- 8 OC outputs on board
- Expandable to 16 outputs
- ATS1644 Plastic enclosure with tamper protection
- EN50131 Grade 3
- PD6662:2010

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Especificações Técnicas

General	
Expander type	Input expander
Product Line	ATS Master, Advisor Advanced
Connection type	Databus connection
Max. per panel	15
Inputs	
On board	8
Expansion (ATS1202)	8
Outputs	
On board (OC)	8
Expansion (OC or dry contact)	8
System	
Addressing	DIP Switches
Electrical	
Integrated power supply	No
Environmental	
Operating temperature	-10 to 55°C
Power supply	
	10.5 - 13.8 VDC
	Powered by the panel bus
Current consumption	
	53 mA
Max. number of outputs	
(OC and dry contact)	16
Max. distance from panel	
	1.5 km
Specified cable	
	WCAT 52/54 or equivalent
Data bus monitoring	
	Yes
Max. number per panel	
ATS MASTER	15
ATS Advanced	8
Addressing	
	Individually, by DIP switches
PCB dimensions	
	90 x 80 mm
Housing dimensions (W x H x D)	
	124 x 87 x 34 mm
Operating temperature	
	-10° to +50°C

Como Encomendar

Referência	Descrição
ATS1210E	8 -16 ZONE DGP EXPANDER, NO PSU IN SMALL PLASTIC ENCLOSURE EN50131 GRADE 3
ATS1210LE	8 -16 ZONE DGP EXPANDER, NO PSU IN LARGE PLASTIC ENCLOSURE EN50131 GRADE 3
ATS1211E	8 -16 ZONE DGP EXPANDER, NO PSU METAL HOUSING EN50131 GRADE 3
ATS1201E	8 INPUT EXPANDER 3A PWR SUPPLY SMALL BOX EN GRADE 3 CLASS II

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