

ATS1204E

ATS 8 - 32 zone DGP, EN50131 Grade 3 with 3 A Power Supply and Siren

Product Overview

The ATS1201/ATS1203/ATS1204 DGPs offer 8 standard inputs, 8 Open Collectors (OC) outputs and a siren driver. The DGP can be expanded to a total of 32 inputs and 32 outputs. It has a built-in 3 A switched mode power supply.

Data Gathering Panels

Data Gathering Panels (DGPs) are used to expand the number of alarm inputs in an ATS MASTER (ATS Classic) system. DGPs allow inputs and outputs/ relays to be connected at a location remote from an ATS Classic panel. DGPs communicate via poll & reply messages. Detectors, door contacts and other detection devices are connected to DGPs that report any change of state to the control panel for processing. Available DGPs include support for conventional devices, wireless devices as well as intelligent addressable devices. A special DGP available supports expansion of four intelligent doors or lifts.

System databus connection

The system databus is used to connect Data Gathering Panels as well as keypads and readers (RASs) to the ATS classic control panel. Remote devices can be up to 1.5 km from an ATS control panels when using the preferred wiring and cable types. Arming stations and Data Gathering Panels have to be connected via a 2 pair twisted and shielded data cable to the system databus connection to achieve this. (WCAT 52 is recommended). Daisy chain is the preferred wiring method. 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

DGPs provide information from remote locations to ATS Classic 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 Data Gathering Panel remembers the last alarm in a system preventing loss of an alarm due to a short interruption in data communication. Up to 15 DGP's can be connected directly to an ATS Classic panel. If a DGP is expanded to more than 16 inputs, the DGP uses 2 DGP addresses and reduces the maximum number of DGP's 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.



Standard Features

- 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

ATS1204E

ATS 8 - 32 zone DGP, EN50131 Grade 3 with 3 A Power Supply and Siren

Specifications

Zones On board	8
Expandable	24 (ATS1202)
Total	32
Outputs On Board	8 Open Collector, 1 Siren
Expandable	24 (ATS1810 / ATS1811)
Total	32
Power Supply Mains power	230VAC, 50 Hz, 56 VA
Power supply voltage	13.8 VDC
Power supply current	2.9 A (max)
Current consumption	75 mA
Environmental Class	Class II, Indoor
Operating temperature	-10 to +55°C
Humidity	95% non-condensing
IP rating	IP 30
Dimension & weight PCB	90 x 175 mm
ATS1201E	315 x 388 x 85 mm, 5.4 kg
ATS1203E	475 x 370 x 160 mm, 9.7 kg
ATS1204E	475 x 460 x 160 mm, 10.9 kg

Ordering Information

Part No.	Description
ATS1204E	ATS 8 - 32 zone DGP, EN50131 Grade 3 with 3 A Power Supply and Siren Driver
ATS1201E	ATS 8 - 32 zone DGP, EN50131 Grade 3 with 3 A Power Supply and Siren Driver
ATS1203E	ATS 8 - 32 zone DGP, EN50131 Grade 3 with 3 A Power Supply and Siren Driver
ATS1235	Wireless DGP on 868MHz Gen 2
ATS1251	ATS Intelligent 4-door Controller, 12V, Big Enclosure
ATS1252	ATS Intelligent 4-door Controller, 24V, Big Enclosure
ATS1202	ATS Plug-in 8-zone expander
ATS1810	ATS 4-way relay card
ATS1811	ATS 8-way clocked relay card
ATS1820	ATS 16-way clocked open collector card