



Product Data Sheet

ATS1203

ATS 8 - 32 zone DGP with 3 A Power Supply and Siren Driver

Product Overview

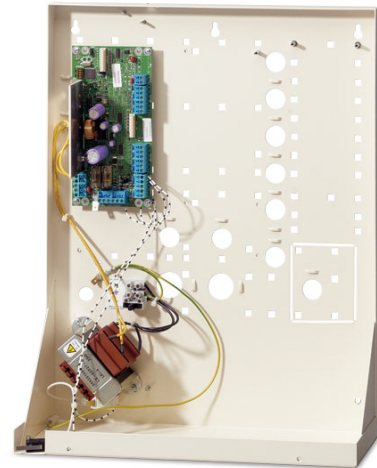
The ATS1201/ATS1203/ATS1204 DGPs offer 8 standard inputs, 8 Open Collectors (OC) outputs and a siren driver. The DGP can be expanded to a total of 32 inputs and 32 outputs. It has a built-in 3 A switched mode power supply.

Data Gathering Panels

Data Gathering Panels (DGPs) are used to expand the number of alarm inputs in an Advisor 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 (RASSs) 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.



Standard Features

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

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Specifications

Power supply	13.8 VDC / 3A
Mains transformer	230 V 50 Hz/23 VAC 56 VA
Current consumption	75 mA
Inputs	8 - 32
Siren output	1
OC outputs on board	8
Max. number of outputs	32
Dynamic battery testing	Yes
Max. distance from panel	1.5 km
Max. number per panel	15
Specified cable	WCAT 52/54 or equivalent
Data bus monitoring	Yes
Addressing	Individually, by DIP switches
PCB dimensions	175 x 90 mm
Housing dimensions (W x H x D)	370 x 475 x 160 mm
Weight	9.7 kg
Operating temperature	0° to +50°C

Ordering Information

Part No.	Description
ATS1203	8 - 32 zone DGP with 3 A Power Supply and Siren Driver
ATS1201	ATS 8 - 32 zone DGP with Power Supply and Siren Driver (ATS1641 housing included)
ATS1204	8 - 32 zone DGP with 3 A Power Supply and Siren Driver (ATS1642 housing included)
ATS1202	Plug-in 8-zone expander for ATS1201, 1203, 1204 or Control Panels
ATS1810	ATS 4-way relay card
ATS1811	ATS 8-way clocked relay card

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.

