

ATS1203

8-32 zones DGP input expander, 3A power supply, medium metal housing

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

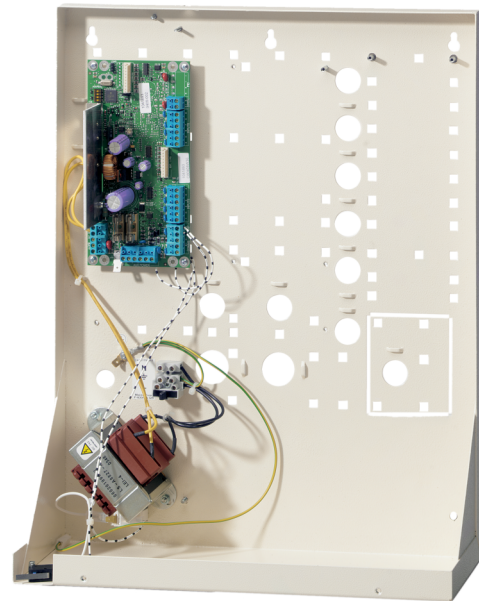
The system databus is used to connect Data Gathering Panels as well as keypads and readers (RASs) to the ATS classic control panel. Remote devices can be up to 1.5 km from an ATS control panels when using the preferred wiring and cable types. Arming stations and Data Gathering Panels have to be connected 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.



Einzelheiten

- 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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Technische Spezifikationen

Allgemein

Erweiterungstyp	Eingabe Expander
Produktlinie	Advisor Advanced, ATS Master
Verbindungstyp	Databus connection
Max. Abstand von Zentrale	1.5 km
Max. pro Zentrale	15
Spezifisches Kabel	WCAT 52/54 or equivalent

System

Adressierung	Dip-Schalter
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Eingänge

Total	32
Onboard	8
Erweiterbar	24 (3x ATS1202)

Ausgänge

Total	32
Onboard	8 (OC)
Art der Ausgänge	Open Collector
Max. Anzahl von Ausgängen	32
Sirenenausgänge	1

Backup

Dynamische Batterieprüfung	Yes
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Elektrische Angaben

Betriebsspannung	13.8 V
Netzteil	230 VAC
Netzteilwert	13.8 VDC / 3A
Energieverbrauch	2.9 A
Aktueller Verbrauch	75 mA
Integriertes Netzteil	Ja

Physikalisch

Abmessungen	370 x 475 x 160 mm
Nettogewicht	9.7

Umweltbedingungen

Betriebstemperatur	-10 to 55°C
Relative Luftfeuchtigkeit	95% non-condensing
IP Klassifizierung	IP 30