ATS1226

ATS Intelligent Door DGP for ATS1000, ATS2000, ATS3000 and ATS4000 Control Panel Series

Advanced Door DGP for ATS1000, ATS2000, ATS3000 and ATS4000 Control Panel Series

The ATS 1226 Advanced door module in new ATS1647 plastic enclosure, is the latest release to complete the DGP family for ATS panels. The module connects all the components found at a door. It has eight freely programmable outputs (two are relays), terminals for the RS-485-Bus IN and OUT to connect to the control panel, as well as an isolated terminal used for the reader. The ATS1226 also has four zone inputs, can be programmed by Titan and reduces the amount of products and installlation time when a door is integrated in the Advisor Master system (VDS approved).

Data Gathering Panels (general information)

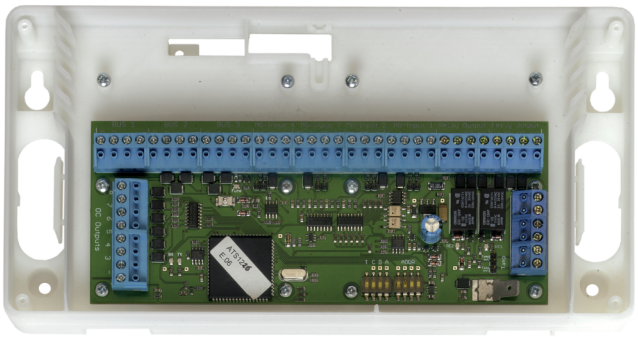
Data Gathering Panels (DGP) are used to expand the number of alarm inputs on the system and allow inputs and relays to be connected at a location remote from the Advisor MASTER panel. DGPs communicate via poll & reply messages and send alarms to the control panel for processing. The DGPs collect information from detectors, door contacts and other similar devices. There are DGPs available for conventional devices, wireless devices as well as for intelligent addressable devices. Special DGP's are available for collecting the information for either four doors, four lifts or as Bank Controller. One special DGP available provides for easy wiring and connecting of all devices related to doors (inputs, relays, readers) for use with ATS control panels.

System databus connection (general information)

The system databus is used to connect Data Gathering Panels (to provide extra zones) and Arming Stations to the ATS control panel. Remote devices can be up to 1.5 km from an ATS control panels. 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

The Advanced Door DGP not only offers directly available inputs and outputs for wiring door locks, door contacts, etc. but also provides for an isolated RS485 bus intended to connect readers located outside protected areas.
Should a failure in communications occur, the Data Gathering Panel remembers the last alarm in a system, helping to identify possible reasons for faults.
Up to 15 DGP's can be connected directly to the Advisor Master panel. 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.



Détails

- 4 inputs on board
- 2 Relay outputs
- 6 OC outputs on board
- 1 Standard, 1 Isolated RS485 Reader Output
- Plastic enclosure with tamper

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Spécifications techniques

General

Expander type	Eingabe Expander, Ausgang Expander
Product line	Advisor Advanced, ATS Master
Connection type	Connexion de bus de données

System

Addressing	DIP Switches

Electrical

Integrated power supply	No

Physical

Material	ABS

Environmental

Environment	EN50130-5; Classe II - Interior (geral)

Regulatory

Compliancy	CE
Certification	VdS

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