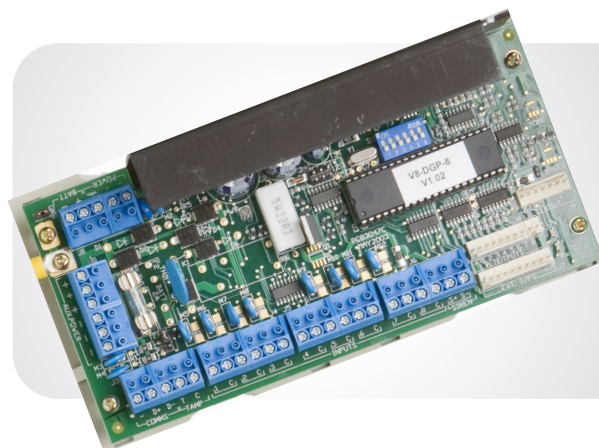


Challenger Data Gathering Panel



Overview

Data gathering panels (DGPs) can be used to expand the number of inputs on your Challenger security system.

The TS0827 Challenger DGP offers only inputs and no integrated power supply or siren output. No expansion is possible.

The DGP also allows installers to easily terminate wiring connections for inputs at locations away from the panel.

Up to 31 DGPs can be connected directly to each Challenger control panel over a reliable RS-485 data bus, thereby minimizing cable runs.

If a communications failure occurs, the data gathering panel remembers its last alarm, helping to identify possible reasons for faults.

It can be mounted in Challenger metal housings for easy access.

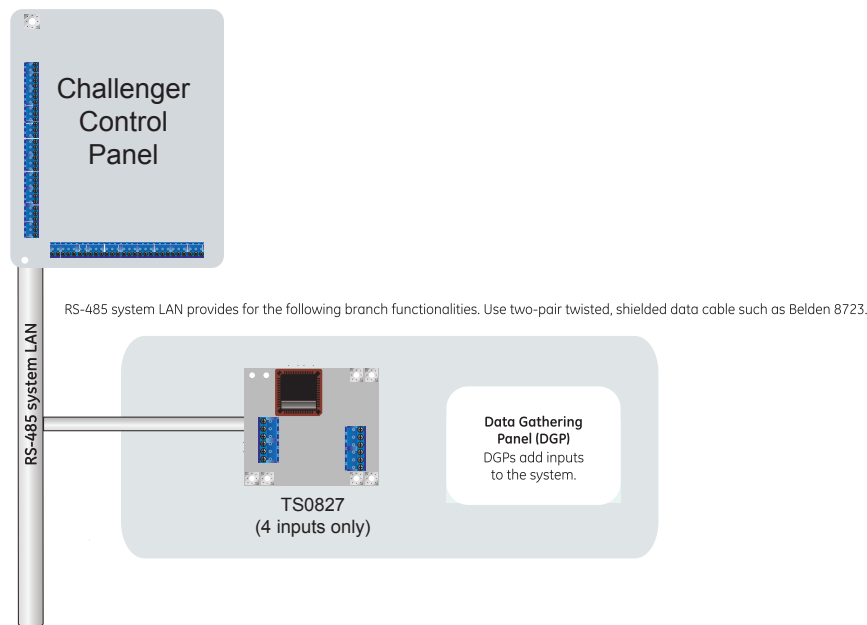
Features

- 4 zone inputs
- DGPs are polled for online state
- Tamper input
- Powered from LAN

Challenger Data Gathering Panel

National Sales Enquiries
Level 4.01, 2 Ferntree Place
Notting Hill, Victoria 3168
Phone: 1300 361 479
Outside Australia: +61 401 777 572
www.aritech.com.au

System Block Diagram



Specifications

Power supply	DC
Current consumption (Add 10mA for each expander fitted)	45mA
Voltage	13.8VDC
Inputs	4
Siren output	No siren
Maximum outputs	0
Maximum number per panel	15
Dynamic battery testing	Not applicable
Max. distance from panel (may be extended with LAN isolation interfaces)	1,500 m
Data bus monitoring	Yes
PCB size	Size B
Enclosure	No enclosure
Environmental	
Operating temperature	0-50°C
Humidity	95% non-condensing
Regulatory	ACMA C-Tick for Australia and New Zealand

Ordering information

TS0827	DC four-input DGP, board only
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