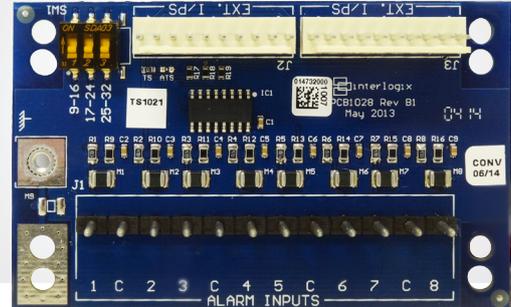


Eight-Input Expander

TS0021/TS1021



Overview

Eight-input expansion modules add eight inputs to Tecom Data Gathering Panels (DGPs). This provides an inexpensive way to increase the capacity for detection sensors and other inputs on the system.

Up to three eight-input expander modules can be connected to a DGP to provide 32 inputs at the DGP address (refer to Specifications for DGP compatibility).

Using more than one eight-input expansion module on a Challenger V8 system to expand a DGP beyond 16 inputs (via TS0820 DGP or TS1020 DGP) will reduce the total number of DGPs available on the Challenger V8 system. This reduction in capacity will not occur when using a Challenger10 panel.

Challenger10 panels make upgrading from other systems easy via a wide range of end-of-line (EOL) resistor values for input devices connected via the main panel or via a TS1020 Analogue DGP. The TS1020 Analogue DGP will support both versions of the Eight-Input Expansion module, however as the TS0021 has limited support for variable EOL values Interlogix recommends using a TS1021 eight-input expansion module on a TS1020 Analogue DGP.

Features

- A wide range of end-of-line (EOL) resistor values - only supported on a Challenger10 system when connected to a TS1020 DGP
- Eight-input expander can increase number of input devices to 32 on a single DGP

Challenger series Eight-Input Expander

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Specifications

	TS1021	TS0021
Input voltage	10.5 to 13.8 Volts DC (supplied by DGP)	
Operating current	10 mA maximum	
Specified cable between TS0021 and DGP	Ten-way cable (supplied)	
Maximum expanders per DGP	3 (limitations apply when used on Challenger V8 systems)	
Alarm points	8	
Board size	'B' size board	
EOL resistor options	10K, 6K8, 5K6, 4K7, 3K7, 3K3, 2K2, 2K2/6K8, 2K0, 1K5, 1K0	10K, 6K8, 5K6, 4K7, 3K7, 3K3, 2K2, 2K2/6K8
DGP Compatibility	TS1020	TS1020, TS0820, TS0824, TS0866

Please refer to the Tecom Hardware Compatibility Matrix for a comprehensive overview which can be found at www.aritech.com.au.

Ordering information

TS1021	Eight-Input expander
TS0021	Eight-Input expander