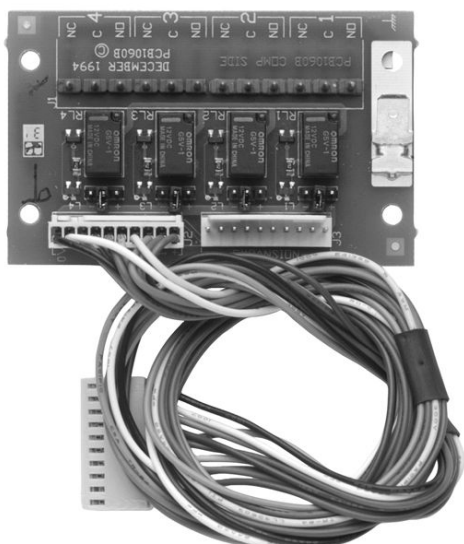


TS0840 4-Way Relay Card Installation Sheet



Description

A TS0840 4-Way Relay Card adds relays to Challenger V8 panels, Intelligent Access Controllers, or to standard DGPs.

A Challenger V8 panel can use one TS0840 module to provide three relays (relay 2 is the panel strobe output). An Intelligent Access Controller can use one TS0840 module to provide four relays. A standard (eight input) DGP can use one or two (interconnected) TS0840 modules to provide four or eight relays, respectively.

Note: When using a TS0840 module, you cannot also use TS0841 or TS0842 modules.

Product contents

Quantity	Item
1	TS0840 4-Way Relay Card, with 10-way cable
4	3-way plug-on screw terminal
5	M3x10 pan-head Phillips screw
4	PCB support stand off
1	Ring terminal
1	Installation Sheet

Inspect the package and contents for visible damage. If any components are damaged or missing, do not use the unit; contact the supplier immediately. If you need to return the unit, you must ship it in the original box.

Installation

TS0840 modules are mounted on standoffs (supplied) using M3 x 10 mm pan head screws (supplied) inside a DGP enclosure or a separate enclosure. The TS0840 PCB is size 'B'.

NOTICE! A qualified service person, complying with all applicable codes, should perform all required hardware installation.

To install the module:

1. Disconnect the plug pack and battery from the panel or DGP.
2. Insert four standoffs (supplied) into the DGP enclosure or a separate enclosure at a location suitable for the ten-way cable to connect the module to the control panel, DGP, or other module, as needed.
3. Use four M3 x 10 pan head screws to fix the module to the standoffs.
4. Connect the ten-way cable to the control panel, DGP, or other TS0840 module.
5. Connect the relay cables to the module as required.
6. Reapply power to the panel or DGP.

Configure the Challenger V8 panel, Intelligent Access Controller, or standard DGP accordingly:

- If connecting to a Challenger V8 panel, set the value of System Options > Relay Controllers to 0.
- If connecting to an Intelligent Access Controller, set the value of Controller Options > Relay Controllers to 0.
- If connecting to a standard DGP, set the configuration DIP switch segment 6 to OFF.

Wiring

Connect the module via J2 using the supplied ten-way cable to one of the following devices (the connector number varies with the device):

- J14 on a Challenger V8 panel
- J21 on a 4-Door or 4-Lift Controller
- J8 on a standard TS0820 or TS0824 DGP
- J3 on another TS0840 card

Contact technical support for connection details of older devices such as Challenger panels version V5, V6, or V7.

Specifications

Voltage	13.8 VDC supplied by Challenger panel or DGP
Number of relays	Four NO or NC dry contact relays
Contact rating	1 A at 0 to 30 VDC, reducing to 300 mA at 48 VDC
Current	
Standby	00 mA
All relays active	100 mA at 13.8 VDC
Challenger panel max.	1 module (3 relays)
4-Door/Lift max.	1 module (4 relays)
Standard DGP max.	2 modules (8 relays)
Connection	10-way cable (supplied)
Dimensions (W × H)	Tecom 'B' size (80 x 52 mm)

Regulatory information

Manufacturer	KGS Fire and Security Australia Pty Ltd Suite 4.01, 2 Ferntree Place, Notting Hill VIC, 3168, Australia
Year of manufacture	The first two digits of the product serial number (located on the product identification label) are the year of manufacture.
Compliance	 N4131

NOTICE! This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Disclaimer

The customer is responsible for testing and determining the suitability of this product for specific applications. In no event is Aritech (a division of KGS Fire and Security Australia Pty Ltd) responsible or liable for any damages incurred by the buyer or any third party arising from its use, or their inability to use the product.

Contact information

For contact information, see www.aritech.com.au