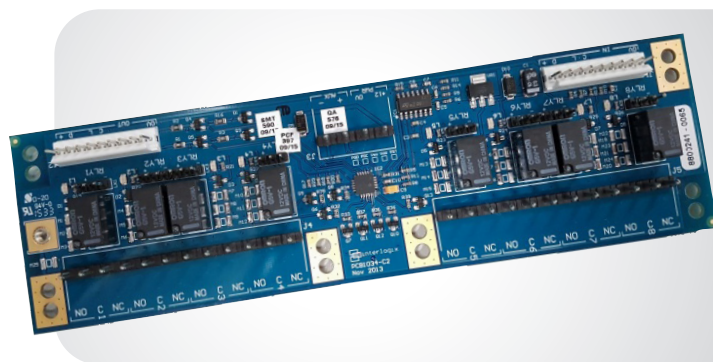




# 8 Way Relay Board



## Overview

The TS1041 is an 8-way output expander that can provide an additional 8 dry contact relays to a Challenger Panel, Intelligent Access Controller (Door / Lift controllers) and DGPs to extend the number of outputs available. These boards are typically used to control physical devices such as lighting circuits, pump motors and generators as well as heating and air-conditioning systems.

## Features

- Eight Form C relay outputs on board
- Expand total number of outputs in a system up to 512
- Faster signal propagation means more relay controllers on a single run
- Relays operate more intelligently to ensure false activations are prevented

## Resources

Visit [www.firesecurityproducts.com.au](http://www.firesecurityproducts.com.au) for a comprehensive list of helpful resources.

Don't forget to visit the 'downloads' page to download the latest firmware and software.

# 8 Way Relay Board

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](http://www.aritech.com.au)

## Specifications

|                                                       |                                                                                                                                                                                                                        |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Relays on board                             | 8                                                                                                                                                                                                                      |
| Compatible Hardware                                   | All devices which currently support the TS0841, including:<br>ChallengerPlus<br>Challenger10<br>ChallengerLEPlus<br>Challenger V8<br>Network Access Controller (NAC)<br>Intelligent Access Controllers (TS086x)<br>DGP |
| Operating current                                     | 50mA standby current and 250mA with all 8 relays active                                                                                                                                                                |
| Max. Number on a Challenger                           | ChallengerPlus / Challenger10: 64<br>Challenger V8: 32<br>ChallengerLEPlus: 4                                                                                                                                          |
| Max. Number on an Intelligent Access Controller / NAC | 32                                                                                                                                                                                                                     |
| Max. Number on a DGP                                  | 2                                                                                                                                                                                                                      |
| Contact Ratings                                       | 1A @ 24V                                                                                                                                                                                                               |
| Normally Open and Normally Closed Dry Contacts        | Yes                                                                                                                                                                                                                    |
| Board size                                            | 'BB' size board                                                                                                                                                                                                        |

## Ordering Information

|        |                               |
|--------|-------------------------------|
| TS1041 | 8 Way Relay Board, Board only |
|--------|-------------------------------|