

# Relay Control Boards

ISO 9001  
Certified

## PDC-4 and PDC-10

*Convenient output terminal strips make load connections easy and accessible!*

These economical relay control boards are designed to reduce the assembly time involved in building up conventional relay controlled electrical systems. These compact assemblies both incorporate socket mounted relays, replaceable circuit protection capable of using ATO fuses or Circuit Breakers (Type I, II and III).

Convenient output terminal strips make load connections easy and accessible. The input connectors can be removed without removing any connections. All outputs have LED fault detection circuitry to assist with field troubleshooting. All relays have the ability to be enabled using either a ground (-) or a positive trigger. The relays are pre-connected to the buss bar to provide +12 VDC outputs. Two relays on the PDC-10 have "on board" switches to permit switching ground through these positions. The PDC-10 has a single relay either power or ground. These boards are manufactured by TST to provide years of trouble-free service.



PDC-4 Part #: S290-0147A



PDC-10 Part #: S29-2010

### GENERAL SPECIFICATIONS:

- ❖ Size of PDC 10: 6.7" wide X 7.7" long x 1.8" high
- ❖ Size of PDC 4: 2.8" wide X 6.4" long x 1.8" high
- ❖ Operating Voltage: 9 VDC - 16 VDC
- ❖ Output Rating: PDC - 10 160 Amps Total; PDC-4 80 Amps Total
- ❖ Inputs: Selectable for either Ground, or Positive Enable
- ❖ Relays: Standard SPDT Automotive Style 40/30
- ❖ PDC 4: Circuit Protection (4) 20 Amp Type 1 Circuit Breakers
- ❖ PDC 10: Purchased Separately
- ❖ Temperature Rating: -40 degrees C to +85 degrees C

**Made in the  
USA**



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## PDC -4 and PDC -10

### S290-0147A Connection Information

P/N S290-0147A

ALL RELAYS CAN BE ENABLED WITH EITHER A GROUND OR A POSITIVE SIGNAL. SET SW1, SW2, SW3 AND SW4 ACCORDING TO THEIR ENABLE SIGNALS.

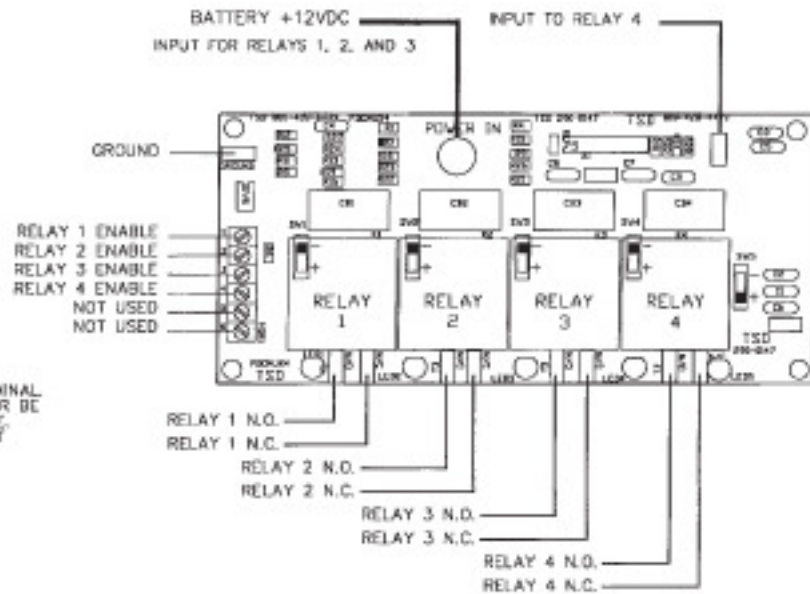


#### RELAY 4

RELAY 4 HAS ITS OWN INPUT TERMINAL. THE INPUT TO RELAY 4 CAN EITHER BE A GROUND OR A POSITIVE VOLTAGE. SET SW5 ACCORDING TO THE INPUT BEING SUPPLIED TO RELAY 4.



[PDCMUX-4 WITHOUT MULTIPLEXING]



### S290-2010 Connection Information:

MODEL: PDC-10

PART #: S290-2010

DIMENSIONS: 7.62 x 6.43 INCHES

