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Find the *Astronics / EADS / Trig-Tek 850A* at our website: ***Click HERE***



Trig-Tek™ 850A/B

Contact Chatter Detector

The Trig-Tek™ 850A/B Contact Chatter Detector is designed to provide a means of monitoring the continuity of switch or relay contacts while being subjected to environmental stress.

Key Features

- **10 channels**
- **Adjustable time interval (1 µs to 999 ms)**
- **Individual fault light and fault latch per channel**
- **Open or closed contact detection**

Product Information

The 850A/B has 10 channels, each with a separate current source to activate the contacts. Contact “Curr” dial and “X1-X0.1” switch sets the current of all the channels simultaneously for 0.1 to 11 mA.

“Timing Interval” controls provide for setting from 1 to 999 µs or 1 to 999 ms for the maximum time a discontinuity can exist.

Each channel has a “Fault” LED that will illuminate if a discontinuity exists for a longer period of time than is set by the “Timing Interval” switch.

The LED will remain illuminated until reset either by the front panel “Reset” switch or remotely via a reset terminal. The 850A/B has a terminal strip where the fault condition of each channel can be recorded “Low” (No Fault) or “High” (Fault).

Either Normally Closed (NC) or Normally Open (NO) contacts can be monitored. A toggle switch on each channel permits selection of “NC” or “NO”-type contacts.

Specifications

Note: The Astronics Test Systems policy is one of continuous development and improvement. Consequently, the equipment may vary in detail from the description and specifications in this publication.

Channel Inputs (10 Each)
- Terminal interface

Current Source Compliance
- 3 V (max)

Current Source Accuracy
- ±3% FS

Timing Interval Accuracy
- Setting ±3 LSB

Fault Reset Terminal
- Permits fault reset from remote location

Fault Output Terminals
- Provide a 12 V for “Fault” and 0 for “No Fault” for each channel

Controls

Power Switch
- Turns power “On” or “Off”

Contact Current Dial
- Permits continuous setting of current in conjunction with the “X1-X0.1” switch to provide 0.1 to 11 mA current through the contact being tested.

X1-X0.1 Switch
- Multiplies the current dial by X1 or X0.1

Timing Interval Microsec-Millisec Switch
- Toggle switch to select either “Microsec” or “Millisec” as the time interval

Timing Interval 001-999 Thumbwheel Switch
- Works in conjunction with the “Microsec-Millisec” switch to select 001 to 999 either µs or ms, time interval

Ordering Information

408380-001 : Trig-Tek™ 850A
Contact Chatter Detector with BNC inputs

408303-001 : Trig-Tek™ 850B
Contact Chatter Detector with terminal inputs

949.859.8999; 800.722.2528; atssales@astronics.com; www.astronicstestsystems.com

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