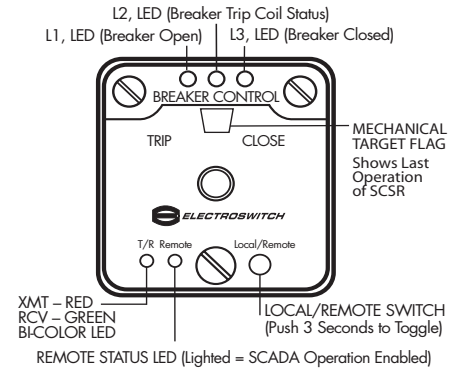


Nameplate (Typical Configuration)



Specifications

Electrical

Continuous Ratings: 30A–600V
 UL Interrupt Ratings: 20A–120VAC, 15A–240VAC, 6A–600VAC, 3A–125VDC, 1A–250VDC
 Overload Current (50 Ops): 95A–120VAC, 65A–240VAC, 35A–600VAC
 Making Ability for CB Coils: 95A–125VDC
 Contact Resistance: .01 Ohms Maximum

Electronic

Baud Rate: 9600 Std. 1200, 4800, 19200 Selectable
 Transient Protection: Meets IEEE C37.90.1 and IEC 61000-4-4
 Signal Hold Time: 1 Sec. Standard, 1-3 Seconds Serially Selectable

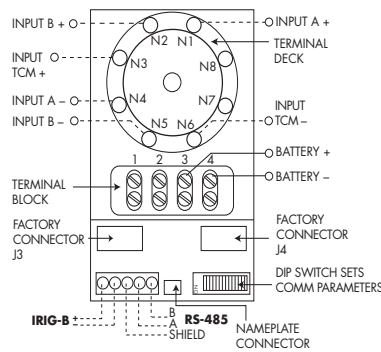
Mechanical

Sections: 1 to 6
 Poles: 1 to 12
 Contacts: Break-Before-Make (Non-Shorting); Make-Before-Break (Shorting)
 Standard and Slip Contacts Available
 Action: 45° Spring Return to Normal
 Mounting: Panel Mount, 3 Hole Mounting, 3/16" Max. Standard – Others Available
 Rotor Contacts: Silver Inlay Phosphor-bronze, Double-Wiping
 Stationary Contacts: Silver Plated, with Integral Screw Type Terminals
 Construction: Contacts Enclosed in Molded Phenolic Insulators

Operational and Burden Voltage Data

Coil	Rated Voltage	Voltage Range	Coil Circuit DC Ohms @ 25°C	Burden (amps) at Rated Voltage
C	48VDC	41-56VDC	4.83	9.9
D	125VDC	106-140VDC	18.96	6.6

Installation Connections (Rear View)



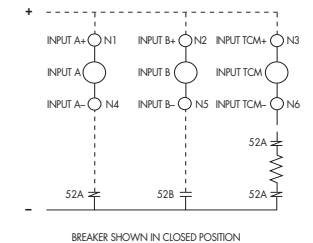
Contact Configuration

Flexible deck configuration offers multiple decks with two isolated contacts per deck; a total of twelve contacts each designed to handle full rated current.

NOTE: All features and configurations currently available on the CSR are available on the Serial Control SCSR.

Typical Breaker Input Connections

System Connections



Use of Inputs

Input A controls the L3 (right) LED and sets DNP object 1 point 4. In a typical application, it is used to monitor a 52A contact.

Input B controls the L1 (left) LED and sets DNP object 1 point 3. In a typical application, it is used to monitor a 52B contact.

Input TCM controls the L2 (center) LED and sets DNP object 1 point 5. In a typical application, it is used as a trip coil monitor.

The inputs are polarity sensitive. Reverse polarity causes no damage, but input will not be sensed.

Consult Technical Bulletin ES-SCSR-1 for further information on DNP usage, or ES-SCSR-3 for Modbus.

Required Ordering Information

- Protocol: DNP 3.00 or Modbus
- Baud Rate: 9600 Std.
- Handle: Pistol Grip Std.
- Voltage: 125VDC or 48VDC
- Engraving
- Turn to Latch Option
- Single or Dual Trip Coil Monitoring
- Contact Configuration
- L1, L2, L3 (Replaceable LED Colors – Amber, Red, Green, Blue, White)
- Trip/Close Hold Time – Range 1-3 sec.; Standard Setting 1 Sec.