

POWER MONITORING & PROTECTION

COMMAND RELAY FOR CS OR SC SENSORS/SWITCHES CSR SERIES

DESCRIPTION

The Kele **CSR-12VDC** and **CSR-24VAC/DC** command relay attaches to the side of any full-size CS or SC type sensor or switch and adds a form C relay function. It provides line voltage switching with control either from an automation system digital output or from a CS/SC current switch. A status LED indicates the relay state and the relay output features both a normally-open and a normally-closed contact.

The CSR-CS/SC combination provides a convenient solution when status indication and motor control are needed at a single location. The CSR can accept a digital control signal from the controller to activate the relay contacts which can be used to provide power to the motor contactor to start the motor. The CS/SC switch will then provide a digital proof-of-flow signal to the controller to indicate motor status.



CSR-24VAC/DC



FEATURES

- Can be mounted to any CS or SC product for easier installation (Not applicable for CS Mini versions)
- Convenient Relay Status LED
- Can be factory assembled with any CS or SC product

- SPDT Form C relay contacts
- Environmentally-friendly cadmium-free contacts
- Ideal for switching contactors, solenoids and motors
- Small compact size

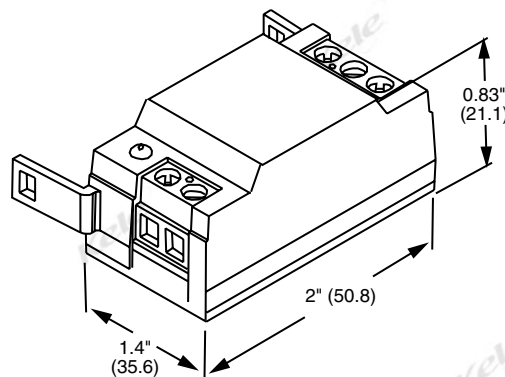
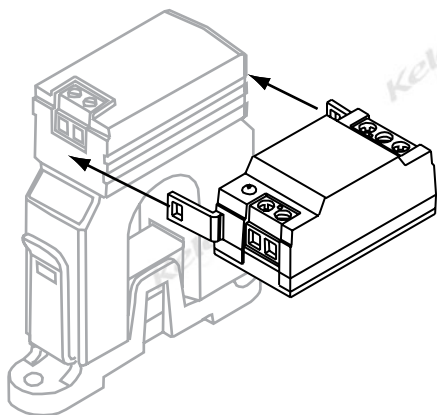
SPECIFICATIONS

Coil Voltage	
CSR-12VDC	12 VDC \pm 10%
CSR-24VAC	24 VAC/VDC \pm 10%
Coil Current	
CSR-12VDC	25 mA maximum
CSR-24VAC	13 mA maximum
Relay Contacts	SPDT Form C (NO + NC)
Contact Rating	5A @ 250 VAC / 30 VDC resistive 3A @ 250 VAC / 30 VDC inductive

Contact Resistance	30 m Ω maximum
Operating Temperature	5° to 140°F (-15° to 60°C)
Operating Humidity	5-90% RH non-condensing
Wiring Connection	Terminal block (14 to 22 AWG)
Dimensions	2" x 1.4" x 0.83" (50.8 x 35.6 x 21.1 mm)
Enclosure Material	ABS/PC, UL94 V-0

DIMENSIONS

in
(mm)



ORDERING INFORMATION

MODEL	DESCRIPTION
CSR-12 VDC	12VDC Command Relay, 25 mA max, SPDT Form C (30 m Ω max.)
CSR-24 VAC/DC	24 VAC/VDC Command Relay, 13 mA max, SPDT Form C (30 m Ω max.)