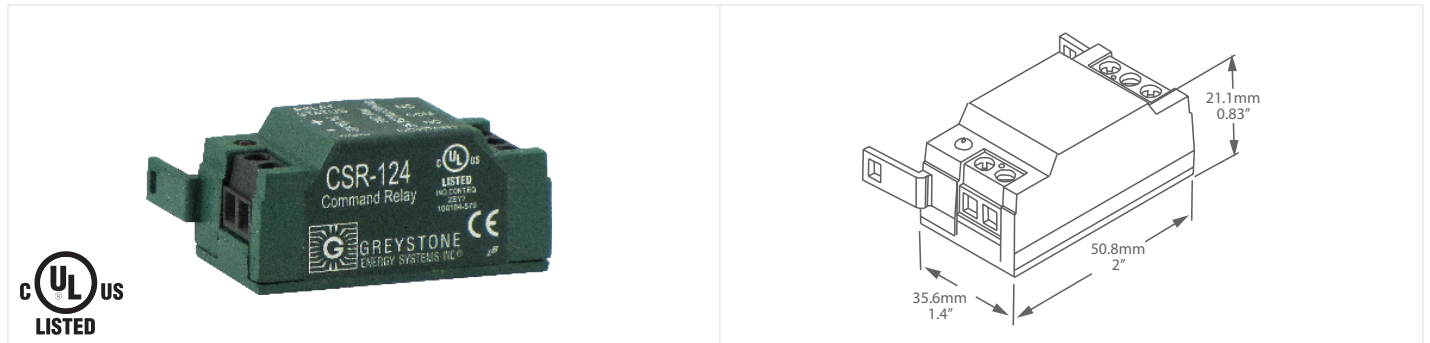




COMMAND RELAY



CSR-112 / CSR-124

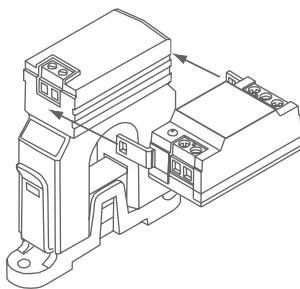
PRODUCT DESCRIPTION

The CSR-112 and CSR-124 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.

TYPICAL INSTALLATION

For complete installation and wiring details, please refer to the product installation instructions.



SPECIFICATIONS

COIL VOLTAGE	CSR-112: 12 Vdc ±10% CSR-124: 24 Vac/dc ±10%
COIL CURRENT	CSR-112: 25 mA maximum CSR-124: 13 mA maximum
RELAY CONTACTS	SPDT From C (NO + NC)
CONTACT RATINGS	5A @ 250 Vac/30 Vdc resistive 2A @ 250 Vac/30 Vdc inductive
CONTACT RESISTANCE	30 mΩ maximum
OPERATING TEMPERATURE	-15 to 60°C (5 to 140°F)
OPERATING HUMIDITY	5 to 90 %RH, non-condensing
WIRING CONNECTION	Terminal block (14 to 22 AWG)
DIMENSIONS	50.8mm W x 35.6mm H x 21.1mm D (2" x 1.4" x 0.83")
ENCLOSURE MATERIAL	ABS/PC, UL94-V0
AGENCY APPROVALS	cULus listed

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