

POWER MONITORING & PROTECTION

SURE-SET MODEL SSC CURRENT SWITCH SSC SERIES

DESCRIPTION

Setra's **Sure-Set SSC Series** split core current switch provides a unique approach to calibration and installing current sensors that eliminates exposure to Arc Flash hazards while providing a fast and accurate method of setting the proper current switch set point for the application. By eliminating the need to work on a live electrical enclosure, the **Sure-Set** Current Switch allows installation without the need to use Arc Flash Rated Personal Protective Equipment (PPE). Using the 9 position, **Sure-Set** Selector, the installer simply sets the selector to the rated motor HP, snaps the **Sure-Set** onto the sensed conductor (make sure the enclosure is not live!), connects the signal leads, closes the enclosure and powers up the system. No further calibration is required. In fact, the engineer or installer can pre-configure each **Sure-Set** current switch prior to arriving at the job site, making the on-site install time for the current switches even quicker. The ability to customize the **Sure-Set** for each job means that the installer can install the **Sure-Set** on a variety of different powered motors, reducing the need for any excess inventory.

NEW!

setra



SURE-SET



FEATURES

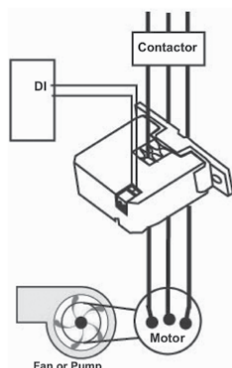
- Eliminate arc flash hazard - no need to work in a live enclosure
- Scaled in motor Hp
- 9 motor Hp ranges per model
- De-rating built-in from full load amps (FLA)
- Recessed actuator for pre-configuration

SPECIFICATIONS

Supply Voltage	Induced from monitored power conductor cable
Frequency	50/60 Hz
Continuous Current	135A, 600 VAC
Motor Hp Range	
SSC-2S	1, 2, 3, 5, 7.5, 10, 15, 20, 25
SSC-2H	5, 7.5, 10, 15, 20, 25, 30, 40, 50
SSC-4S	2, 3, 5, 7.5, 10, 15, 20, 25, 30
SSC-4H	15, 20, 25, 30, 40, 50, 60, 75, 100
Trip Point	35% below FLA @ selected Hp value
Switch Adjustment	
SSC-2S & SSC-2H	9 Position set point for 230 VAC motor applications
SSC-4S & SSC-4H	9 Position set point for 480 VAC motor applications

Switch Positions	Normally open
Switch Selection	Adjustable
Operating Temperature	5° to 140°F (-15° to 60°C)
Operating Humidity	0-95% non-condensing
Window Size	0.72" x 0.78" (1.8 x 2.0cm)
Dimensions	
SSC-2S & SSC-4S	2.7" x 2.56" x 1.08" (6.9 x 6.5 x 2.7 cm)
SSC-2H & SSC-4H	2.7" x 2.56" x 1.73" (6.9 x 6.5 x 4.4 cm)
Weight	0.35 lb (0.16 kg)
Approvals	UL Listed File #E317719, UL508, CE, RoHS
Meets ARRA or BAA	Yes
Warranty	2 Years

WIRING



ORDERING INFORMATION

MODEL	DESCRIPTION
SSC-2S	Sure-Set split core current switch, 9 pos. 230 VAC, (1,2,3,5,7.5,10,15,20,25 Hp)
SSC-2H	Sure-Set split core current switch, 9 pos. 230 VAC, (5,7.5,10,15,20,25,30,40,50 Hp)
SSC-4S	Sure-Set split core current switch, 9 pos. 480 VAC, (2,3,5,7.5,10,15,20,25,30 Hp)
SSC-4H	Sure-Set split core current switch, 9 pos. 480 VAC, (15,20,25,30,40,50,60,75,100 Hp)

ACCESSORIES

CCR-12	Optional snap on relay (12 VAC/DC)-(w/ Sure-Set)
CCR-24	Optional snap on relay (24 VAC/DC)-(w/ Sure-Set)