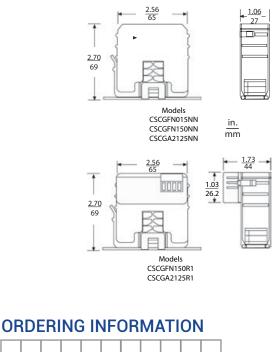


Model CSC Split-Core Current Switch

Setra's Model CSC split-core current switches provide a cost effective solution for real-time monitoring of motor status in common HVAC applications. The CSC is available with fixed or adjustable trip set-point values alerting the user to over or under current conditions in the application, with trip points as low as 0.15 A up to 135 A. Setra's design utilizes magnetic induction current sensing technology allowing the CSC switches to accurately operate over a wide range of environmental conditions, without the need for an additional power supply. The current switch is available with a snap-on power relay designed to start or stop AC motors during tripped setpoint conditions, minimizing service time in the field.



DIMENSIONS



Model	Description
CSCGFN015NN	Model CSC, Fixed Setpoint, No LED, 0.15 A Setpoint, No Snap-on Power Relay
CSCGFN150NN	Model CSC, Fixed Setpoint, No LED, 1.50 A Setpoint, No Snap-on Power Relay
CSCGA2125NN	Model CSC, Adjustable Setpoint, with LED, 1.25 A Setpoint, No Snap-on Power Relay
CSCGFN150R1	Model CSC, Fixed Setpoint, No LED, 1.5 A Setpoint, with Snap-on Power Relay
CSCGA2125R1	Model CSC, Adjustable Setpoint, with LED, 1.25 A Setpoint, with Snap-on Power Relay

GENERAL SPECIFICATIONS

Model	CSCGFN015NN	CSCGFN150NN	CSCGA2125NN	CSCGFN150R1 w/snap-on relay	CSCGA2125R1 w/snap-on relay	
Amperage Range	0.15 to 200 A	1.5 to 200 A	1.25 to 135 A	1.5 to 200 A	1.25 to 135 A	
Continuous Operat- ing Current	200 A, 600 V AC	200 A, 600 V AC	135 A, 600 V AC	200 A, 600 V AC	135 A, 600 V AC	
Switch Setpoint	Fixed	Fixed	Adjustable	Fixed	Adjustable	
Output Relay	No	No	No	SPST. NO 10 A @ 260 V AC, 5 A @ 30 VDC	SPST. NO. 10 A @ 260 V AC, 5 A @ 30 V DC	
Actuation Coil	No	No	No	24 V AC/DC	24 V AC/DC	
Switch LED Indication	No	No	Yes	No	Yes	
Relay LED Indication	No	No	No	Yes	Yes	
Trip Setpoint Value	0.15 A	1.5 A	1.25 to 135 A	1.5 A	1.25 to 135 A	
Current Switching Mode	Under Current Sensing	Under Current Sensing	Over/Under Current Sensing	Under Current Sensing	Over/Under Current Sensing	
Dimensions	2.7 x 2.56 x 1.08 in. (69 x 65 x 27 mm)	2.7 x 2.56 x 1.08 in. (69 x 65 x 27 mm)	2.7 x 2.56 x 1.08 in. (69 x 65 x 27 mm)	2.7 x 2.56 x 1.73 in. (69 x 65 x 44 mm)	2.7 x 2.56 x 1.73 in. (69 x 65 x 44 mm)	
Aperture Size	0.72 x 0.78 in. (18 x 20 mm)					
Sensor Supply Voltage	Induced from power conductor cable					
Status Output	Switch normally open (when energized above trip point switch closes)					
Switch Load Capacity	1 A @ 30 V AC/DC max.					
Isolation Voltage	600 V AC rms					
Temperature Range	5 to 140°F (-15 to 60°C)					
Frequency Range	50/60 Hz					
Humidity Range	0 to 95% non-condensing					
Agency Approvals	CE Compliant, RoHS Compliant, c-UL Listed: 508, IND. Cont. EQ: E317719					

²Calibrated at factory with a 24VDC loop supply voltage and a 250 ohm load.

Specifications subject to change without notice.