

Universal Current Switches



S225

SC225

These current-operated switches provide monitoring of all types of pumps, heating elements and motors. They can also provide direct control of light loads, such as lamps and relays. The split-core feature provides for easy installation. These solid state sensors operate when the current level sensed by the internal current transformer exceeds the minimum trip point. Internal circuits are powered by induction from the line being monitored. Comes complete with an ABS case that meets UL flammability rating 94V-O.

Models with LED indication operate as follows:

- *Rapid Flashing:* Sensor is tripped ON
- *Slow Flashing:* Current is present but is below the trip point
- *No Flashing:* Current is either off or below the bottom range



S250

SC250

ORDERING INFORMATION				
ORDER #	MONITORED AC CURRENT	TRIP POINT	SPLIT CORE	LED
S225	1–250 Amps	1 amp	No	No
SC225	1.5–250 Amps	1.5 amp	Yes	No
S250	1–150 Amps	Adjustable to 3 amps	No	Yes
SC250	1.5–150 Amps		Yes	Yes

Universal Current Transducers



These current transducers convert a monitored AC current to a proportional DC voltage or current (0–5Vdc, 4–20mA). Four models accommodate most applications without external current transformers. They provide monitoring of motors, pumps and electrical loads where an analog representation is required over a range of currents.

ORDERING INFORMATION				
ORDER #	RANGES	JUMPER	Maximum Continuous Amps	OUTPUT
SC100-1	1–10 Amps	None	80A	0–5Vdc
	2–20 Amps	Mid	110A	
	5–50 Amps	High	175A	
SC100-2	10–100 Amps	None	200A	4–20mA
	15–150 Amps	Mid	300A	
	20–200 Amps	High	400A	
SC200-1	0–10 Amps	None	200A	4–20mA
	0–20 Amps	Mid		
	0–50 Amps	High		
SC200-2	0–100 Amps	None	200A	4–20mA
	0–150 Amps	Mid		
	0–200 Amps	High		

APPROVED

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