

Current Switches

A/CS, A/SCS



Solid-Core

Split-Core

Fixed

Fixed Status Switches (Split & Solid Core)

The A/CS and A/SCS Series current switches have a solid-state output with a fixed trip point (setpoint). These switches are ideal for providing status information on any type of AC current using equipment. They should be used in applications requiring a "Go/No Go" current switch. A change in the operating current may indicate mechanical failure or that the unit has been turned off. Units also include a red "Status" LED that will indicate whether the current is above or below the fixed trip point. A normally closed version (X) (Pat. no. US 7,416,421) for ease of installation.

Specifications

Sensor Power	Induced from monitored conductor
Amperage Rating	See ordering info below
Maximum Sensing Current Voltage	600 VAC
Isolation Voltage	2,200 VAC
Operating Frequency	40 Hz to 1 kHz
Output Switch Rating	A/CS & A/SCS: 0.3A @ 200 VAC/VDC A/CSX & A/SCSX: 0.15A @ 300 VAC/VDC
Aperture (hole) size	0.75" DIA (insulated conductors required)
Status LED Indication	Red LED (Above Trip Point)
DIN Rail Size	35mm
Operating Temperature Range	-15 to 40°C (5 to 104°F)
Operating Humidity Range	0 to 95% RH, non-condensing
Product Dimensions	Split Core: (L) 3.33" (W) 1.08" (H) 2.70" Solid Core: (L) 3.38" (W) 0.98" (H) 2.27"

Ordering

Select one Current Switch (A). **NOTE:** LEDs are intended to indicate whether power is applied. Current Switches are not to be used in Life & Safety applications, or in hazardous locations.

A Current Switches

- A/CS** (Solid-Core Current Switch, N/O, 0-250A) (Fixed Trip Point: 0.50A) (Output Switch Rating: 0.30A @ 200 VAC/VDC)
- A/CS-L** (Solid-Core Current Switch, N/O, 0-250A) (Fixed Trip Point: 0.20A) (Output Switch Rating: 0.30A @ 200 VAC/VDC)
- A/CSX** (Solid-Core Current Switch, N/C, 0-250A) (Fixed Trip Point: 1.00A) (Output Switch Rating: 0.15A @ 300 VAC/VDC)
- A/CSX-L** (Solid-Core Current Switch, N/C, 0-250A) (Fixed Trip Point: 0.50A) (Output Switch Rating: 0.15A @ 300 VAC/VDC)
- A/SCS** (Split-Core Current Switch, N/O, 0-200A) (Fixed Trip Point: 2.50A) (Output Switch Rating: 0.30A @ 200 VAC/VDC)
- A/SCS-L** (Split-Core Current Switch, N/O, 0-200A) (Fixed Trip Point: 1.50A) (Output Switch Rating: 0.30A @ 200 VAC/VDC)
- A/SCSX** (Split-Core Current Switch, N/C, 0-250A) (Fixed Trip Point: 2.50A) (Output Switch Rating: 0.15A @ 300 VAC/VDC)

Build your part number

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

A

EXAMPLE: A/SCS



All Current Sensors, Switches and Command Relays have a UL94-5VB flammability rating for the enclosure.