



Automation Components, Inc.

FIXED SWITCHES

Fixed Status Switches



Patented Din-Rail
Mounting System
(Pat. No. US 7,416,421)



SPLIT CORE

A

L: 3.33" W: 1.08" H: 2.70"

SOLID CORE

B

L: 3.38" W: 0.98" H: 2.27"

FIXED STATUS SWITCHES

The A/CS and A/SCS Series current switches have a solid-state output with a fixed trip point (setpoint). They are ideal for providing status information on any type of AC current using equipment and should be used in applications in which a "Go/No Go" current switch is required. 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) is also available.

The A/CS and A/SCS Series are covered by ACI's Five (5) Year Limited Warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is: www.workaci.com.



Made in the U.S.A.

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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., up to 350 MCM cables	
Status LED Indication	Red LED (Above Trip Point)	
DIN Rail Size	35mm	
Unit Weight	0.21 lbs	
Operating Temperature Range	-15 to 40°C (5 to 104°F)	
Operating Humidity Range	0 to 95% RH, non-condensing	

Note: Do not Use LED's to indicate whether power is applied.

ORDERING

BUILD YOUR PART#

EXAMPLE

A/SCS

STEP 1

A CURRENT SWITCHES

Select current switch.

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



Solid-Core



Split-Core

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

Note: Do not use in Life and Safety applications or in a hazardous location.



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2305 Pleasant View Road

Middleton, Wisconsin 53562