



Automation Components, Inc.

ADJ. SWITCHES

Adjustable Current Switches



Two Status LEDs (green / red)

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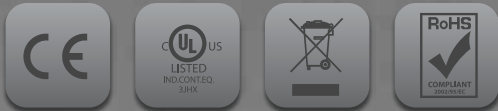
Patented Din-Rail Mounting System (Pat. No. US 7,416,421)

SPLIT CORE

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

SOLID CORE

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



ADJUSTABLE CURRENT SWITCHES

The A/ACS and A/ASCS Series current switches have a solid-state output with an adjustable trip point (setpoint). They are ideal for providing status information on any type of AC current using equipment and should be used in applications where a current switch with an adjustable trip point is required. A normally closed version (X) is also available.

The A/ACS and A/ASCS 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
Max. Sensing Current Voltage	600 VAC
Isolation Voltage	2,200 VAC
Operating Frequency	40 Hz to 1 kHz
Output Switch Rating	A/ACS & A/ASCS: 0.3A @ 200 VAC/VDC A/ACSX & A/ASCSX: 0.15A @300 VAC/VDC
Aperture (Hole) Size	0.75" dia., up to 350 MCM cables
Status LED Indication	Red LED - Above Trip Point Green LED - Below 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
Hysteresis (Dead Band)	10% Setpoint, Typical

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

ORDERING

BUILD YOUR PART#

EXAMPLE

A/ASCS

STEP 1

CURRENT SWITCHES

Select current switch.

Part Number	Description	Adjustable Trip Point	Output Switch Rating
A/ACS	Solid-Core, Current Switch, N/O, 0-250A	1.0-250 Amps	0.30A @ 200 VAC/VDC
A/ACS-L	Solid-Core Current Switch, N/O, 0-250A	0.50-250 Amps	0.30A @ 200 VAC/VDC
A/ACSX	Solid-Core Current Switch, N/C, 0-250A	1.0-250 Amps	0.15A @ 300 VAC/VDC
A/ASCS	Split-Core, Current Switch, N/O, 0-200A	3.00-200 Amps	0.30A @ 200 VAC/VDC
A/ASCS-L	Split-Core Current Switch, N/O, 0-200A	2.00-200 Amps	0.30A @ 200 VAC/VDC
A/ASCSX	Split-Core Current Switch, N/C, 0-250A	3.00-250 Amps	0.15A @ 300 VAC/VDC
A/ASCSX-L	Split-Core Current Switch, N/C, 0-250A	2.50-250 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.