



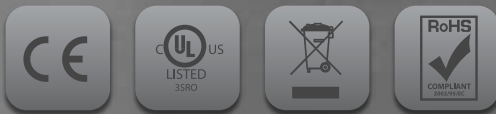
Automation Components, Inc.

ADJ. SWITCHES

"Mini" Adjustable Current Switches



Small in stature for tight installations



SPLIT CORE

A L: 2.65" W: 0.94" H: 2.35"

SOLID CORE

B L: 2.50" W: 0.94" H: 1.99"

MINI ADJUSTABLE CURRENT SWITCHES

The A/MCS-A and A/MSCS-A are N/O solid state adjustable current switches. They are ideal for providing status information on any AC current using equipment. Outputs are non-polarity sensitive, N/O solid-state contacts for switching both AC and DC circuits up to 36 volts. Units also include two Status LED indicators that will indicate three states: tripped on, current present but below trip point, and current off or below the low end of the adjustable trip point range. A change in current may indicate motor failure, belt loss/slippage, or mechanical failure. Any time one of these events occurs, the current can significantly increase or decrease, thus tripping the current switch and immediately notifying the Building Management System of the failure or problem.

The A/MCS-A and A/MSCS-A 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	A/MCS-A - 0.32 to 150 Amps A/MSCS-A - 0.70 to 150 Amps
Max. Sensing Current Voltage	600 VAC
Isolation Voltage	2,200 VAC
Operating Frequency	50 Hz, 60 Hz
Output Rating	A/MCS-A: 1A Continuous, 36 VAC/VDC A/MSCS-A: 1A Continuous 36 VAC/VDC
Status LED Indication	Red LED - Above Trip Point Blue LED - Under Trip Point
Aperture (Hole) Size	A/MCS-A - 0.55" dia., up to 1 AWG cables A/MSCS-A - 0.53" dia., up to 1 AWG cables
Trip Point	A/MCS-A - Adjustable from 0.32 to 150 Amps A/MSCS-A - Fixed @ below 0.55 A, Adjustable from 0.70 to 150 Amps
Operating Temperature Range	-30 to 60°C (-22 to 140°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/MSCS-A

STEP 1

CURRENT SWITCHES

Select current switch.

Part Number	Description	Adjustable Trip Point
A/MCS-A	Solid-Core, Fixed Current Switch, N/O, 0-150A	0.32 to 150 Amps
A/MSCS-A	Split-Core, Fixed Current Switch, N/O, 0-150A	0.70 to 150 Amps



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.