



Automation Components, Inc.

FIXED SWITCHES

"Mini" Fixed Status Switches



Small in stature for tight installations



SPLIT CORE

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

SOLID CORE

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

MINI FIXED CURRENT SWITCHES

The A/MCS and A/MSCS are miniature "Go/No Go" current status switches designed to replace relays in most applications. The output of the A/MCS and the A/MSCS current switches functions as a N/O switch activated by the amount of sensed AC current. The output of these switches uses a N/O solid-state switch (more reliable than a relay) and is non-polarity sensitive. These units perform in any application where the amount of AC current flow is sufficient to indicate the operating status of the sensed load.

The A/MCS and A/MSCS 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- 0.20 to 150 Amps A/MSCS- 0.55 to 150 Amps
Max. Sensing Current Voltage	600 VAC
Isolation Voltage	2,200 VAC
Operating Frequency	50 Hz, 60 Hz
Output Rating	A/MCS: 0.5A Continuous, 36 VAC/VDC A/MSCS: 0.5A Continuous 36 VAC/VDC
Aperture (Hole) Size	A/MCS - 0.55" dia., up to 1 AWG cables A/MSCS - 0.53" dia., up to 1 AWG cables
Trip Point	A/MCS - Fixed @ below 0.20 A A/MSCS - Fixed @ below 0.55 A
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

STEP 1

CURRENT SWITCHES

Select current switch.

Part Number	Description	Fixed Trip Point
A/MCS	Solid-Core, Fixed Current Switch, N/O, 0-150A	<0.20 Amps
A/MSCS	Split-Core, Fixed Current Switch, N/O, 0-150A	<0.55 Amps



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.