

# 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](http://www.workaci.com).



Made in the U.S.A.

# FIXED SWITCHES

Automation Components, Inc.



"Mini" Fixed Status Switches

## 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

## ORDERING

**BUILD YOUR PART#**

EXAMPLE

A/MSCS

step 1

**A** Current Sensors

Select current sensor.

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