



Mini Solid-Core

Mini Split-Core

# Mini-Fixed

## Miniature Fixed Status Switches (Split & Solid Core)

The A/MCS and A/MSCS are miniature "Go/No Go" current status switches designed to replace relays in most applications. These switches are small in stature, allowing for tight installations. 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. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, [www.workaci.com](http://www.workaci.com).



## Specifications

Sensor Power	Induced from monitored conductor	
Amperage Rating	A/MCS: 0.20 to 150A	A/MSCS: 0.55 to 150A
Maximum 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 (insulated conductors required)	A/MSCS: 0.53" DIA (insulated conductors required)
Trip Point	A/MCS: Fixed @ below 0.20A	A/MSCS: Fixed @ below 0.55A
Operating Temperature Range	-30 to 60°C (-22 to 140°F)	
Operating Humidity Range	0 to 95% RH, non-condensing	
Product Dimensions	Mini Split Core: (L) 2.65" (W) 0.94" (H) 2.35"	Mini Solid Core: (L) 2.50" (W) 0.94" (H) 1.99"

## Ordering

Select one Mini Current Switch (A). **NOTE:** LEDs are intended to indicate whether power is applied. Current Switches are not to be used in Life & Safety applications, or in hazardous locations.

### A Mini Current Switches

- A/MCS (Solid-Core, Fixed Current Switch) (N/O, 0-150A) (Fixed Trip Point: <0.20A)
- A/MSCS (Split-Core, Fixed Current Switch) (N/O, 0-150A) (Fixed Trip Point: <0.55A)

## Build your part number

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

A

EXAMPLE: A/MSCS



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