



MAO

Manual Analog Override Switch with Alarm

The MAO installs between a controller and an actuator to provide adjustable analog manual override when needed. In normal operation, two (2) analog signals route from the controller through the MAO to each actuator. Flip the override switch from automatic to manual on either MAO output and vary the analog signal independently. Each output can have a different span and be analog current or voltage. When a switch is in manual position, an alarm output contact is made or broken (optional) to indicate override is in effect.

The MAO is covered by ACI's Two (2) 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.





SPECIFICATIONS

Supply Voltage	24 VAC or 24 VDC, +/- 10%
Supply Current	100 mA maximum
Alarm Output (Feedback)	N.O in auto, N.C. in manual (optional: N.C. in auto, N.O. in manual)
Optional Resistive Alarm Output	3 Watts or 2A maximum (state resistance value when ordering)
Current Rating (Alarm Output)	2A maximum
Override Analog Input Voltage	Range/Impedance: 0-24 VDC/2A maximum (Manual Mode)
(Selectable) Range/Impedance	0-5 VDC/250Ω minimum 0-10 VDC/500Ω minimum 0-15 VDC/750Ω minimum 0-20 mA/750Ω maximum
Accuracy	+/- 4% of maximum output
Override Analog Output Voltage	Range/Impedance: 0-24 VDC/2A maximum or same as override input (Auto Mode)
Operating Temperature	32 to 120°F (0 to 48.9°C)
Operating RH	10% to 95% non-condensing
Product Dimensions	(L) 3.75" (W) 3.25" (H) 1.25"

ORDERING

Please select MAO as an Interface Device (A).

A Interface Device

- MAO** (Manual Analog Override Switch with Alarm)

BUILD PART NUMBER

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

A

EXAMPLE: MAO

