

Analog Manual Override Switch w/Alarm Dual Channel, Adjustable Output

FEATURES

- Two Channel Adjustable Manual Override
- Independent voltage or current Inputs
- Handles DC Analog Signals
- In MANUAL mode, outputs can be varied independently with top adjust, knurled stem, dial potentiometers
- MANUAL mode Alarm Feedback to alert BAS operator
- Compact size - mounts in snap track

APPLICATIONS

- Allows Checkout of Actuator and Linkage operation
- Provides temporary override if controller malfunctions



PRODUCT DESCRIPTION

The MAO installs between a controller and an actuator to provide an adjustable analog manual override when needed. In normal operation two (2) analog signals can be routed 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. Either output can be analog current or voltage and have a different span. In MANUAL position, an alarm contact output is made (or optionally broken) to indicate override is in effect (specific resistance MANUAL outputs are available to identify each override).

ORDERING INFORMATION

Specify: MAO Open or closed (std) alarm contacts in manual override position? _____

SPECIFICATIONS

Electrical Requirements

Power Supply

Supply Voltage 24 VAC or 24 VDC, +/-10%
 Supply Current 100 mA maximum

Alarm Feedback

Alarm Output N.O in auto, N.C. in manual (Optional - N.C. in auto, N.O. in manual)
 Optional Resistive Alarm Output 3 Watts or 2 Amps maximum (discuss details with sales when ordering)
 Current Rating 2 Amps maximum

Auto Mode

Analog Output, Voltage Range/Impedance 0-24 VDC/ 2 A maximum

Manual Mode

Override Analog Output Ranges (Selectable)

Range/Impedance 0-5 VDC/ 250 ohms minimum
 0-10 VDC/ 500 ohms minimum
 0-15 VDC/ 750 ohms minimum
 0-20 mA/ 750 ohms maximum

Accuracy +/- 4% of maximum output

Mechanical Requirements

Connections

Wire Size	Up to one 14 gauge maximum
Terminal Type	45° Captive screw, moving clamp design

Dimensions

3.755" L X 3.25" W X 1.25" H

Weight

3 oz.

Mounting

Furnished with a 4.0" length of 3.25" wide snap track

Environmental Requirements

Operating Temperature	32 to 120 degrees F
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Storage Temperature	0 to 150 degrees F
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Operating Humidity	10% to 95% Non-condensing
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Specification may change without notice to improve product performance or functionality.