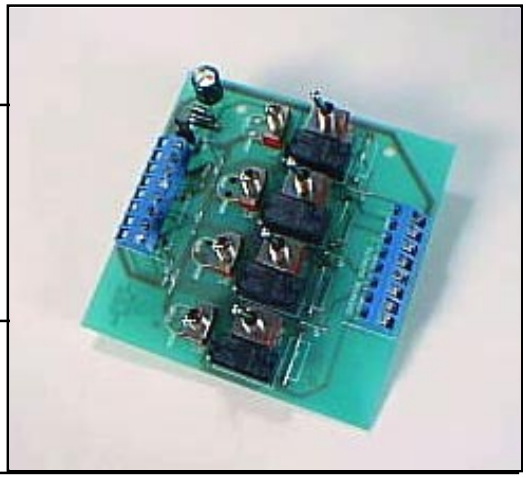
MDO

Manual Digital Override (Maintained Only) w/ Feedback



FEATURES

- Simulate digital inputs for override of controlled device
- Alarm feedback to indicate override is selected
- Handles 24 VAC or 24 VDC Signal
- Compact size - mounts in snap track

APPLICATIONS

- Allows Checkout of Actuator or Relay
- Provides temporary override if controller malfunctions

PRODUCT DESCRIPTION

The MDO is installed between a controller and an actuator to provide manual override when needed. In AUTO operation four (4) digital signals from the controller (routed through the MDO) control each actuator (signal present or not present). Toggle the override switch on any output from automatic to manual, and flip the power switch below to ON and you override the actuator with a maintained digital signal from the MDO using the same signal output voltage as the power supply provided (24 VAC or 24 VDC). When the override switch is in manual position, an alarm feedback will indicate the mode of operation to the user by creating a resistive or shorted feedback.

ORDERING INFORMATION

Specify: MDO-___ ___ ___ - ___ ___

- Tolerance
- Wattage
- Resistance Value *
- S (Shorted) - Standard
- R (Resistive) - Optional *
- M (Alarm Contacts closed in MAN) - Standard
- A (Alarm Contacts closed in AUTO) - Optional

MDO-MS is standard. Other configurations are available, but additional lead time and possible quantity restrictions may apply. Call your distributor (or factory) for more information. * Please specify 1/4, 1/2, 1 and 3 watts and 1% and 5% tolerances. *Custom resistances, wattages, and tolerances may increase cost and lead times.*

SPECIFICATIONS

Electrical Requirements

Power Supply

Supply Voltage	24 VAC or 24 VDC, +/-10%
Supply Current	8.1 A maximum *
	100 mA minimum

Alarm Feedback

Alarm Output	N.O in AUTO operation (Standard)
	N.O. in MAN operation (Optional)

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Auto Mode

Override Input	0-24 VDC or 0-24 VAC @ 2 A maximum
Override Output	Same as Override Input

Manual Mode

Override Input	0-24 VDC or 0-24 VAC @ 2 A maximum
Override Output	Same as Power Supply

* Indicates the maximum current consumption of the board, which is the sum of the Override Output currents in the Manual mode, plus the consumption of the MDO (100 mA).

Mechanical Requirements

Connections	45°, Captive screw with cage clamp in nickel plated copper alloy
Dimensions	4.00" L x 4.00" W x 1.250" H
Weight	5 oz.
Mounting	6TK Snaptrack (4" wide)

Environmental Requirements

Operating Temperature Range	32 to 120 deg F
Storage Temperature Range	0 to 150 deg F
Operating Humidity Range	5 to 95% non-condensing

Specifications may change without notice to improve performance

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