# Go-No Go <br> AC Current Sensing Relay 

## Specifications

Electrical<br>Input Supply Voltage: None Required Pick-Up Range*:<br>10 or 20 Amps +5\%, -25\%<br>Pick-Up/Drop-Out Delay: 0.1 Sec.<br>Drop-Out Range: 2.5 Amps Minimum<br>Frequency: 47 to 63 Hz<br>Maximum Current Range:<br>100 Amps Continuous<br>150 Amps 1 Minute Max<br>Reset: Automatic<br>Output Rating 1 FORM C @ $25^{\circ} \mathrm{C}$ :<br>10 Amps @ 120VAC<br>6 Amps @ 250VAC, 5 Amps @ 30VDC<br>300W (D.C.) 1600VA (A.C.) Max.<br>switching power (resistive)<br>100,000 Full Load Electrical Cycles<br>*Other currents available. Consult factory.

Ordering Information

Termination
S - Terminal Block for 24-10 AWG Wires
T - 0.25" Male Push-On Tabs
_ - Inches of 16 AWG Stranded Wire leads

Trip current
10-10 Amps
20-20 Amps
DIN Rail Bracket \#DRB-2
Physical
Maximum Load Wire Diameter:
$0.7^{\prime \prime}$ Dia.
Mounting: Surface, \#6 Screw
Termination: Screw Terminals
Packaging: Epoxy Filled
Weight: 6 Oz
Ambient Temperatures
Operating: $0^{\circ} \mathrm{C}$ to $40^{\circ} \mathrm{C}$
Storage: $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$
-

го \ll пито



## - Self Powered

- 10 or 20 Amp Trip Points
- 100 Amps AC Overload
- 10 Amp Contact
- Stranded Wire Leads
- Large Wire Thru Hole
- DIN Rail Mountable
- Compact Design
- Low Cost


## Operation

## AC Current Sensing

 The MCDR generates its own operating power from the monitored current line. No external power supply is needed. A current greater than the pick up current is required to energize the output relay. The output relay will stay energized until the current in the line being monitored drops below the drop out current level for the MCDR. Sensitivity can be increased with multiple passes through the MCDR CT(See table in connection diagram).

