



Hoyt Electrical Instrument Works, Inc. (Hoyt Meter)

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Analog Meter Relay

CMT-Y 4.5



Since its introduction in the early 1960s, this controller has been a tried and true device.

With improved technology, this limit switch blends together the best of our original design with a more precise internal design.

FEATURES

- Low Depth - 4.5"
- Wide Variety of Control, Alarm, and Limit Use
- Calibration Unaffected by Steel Panel Mounting
- Infrared LED/Photo Transistor
- 0-2 / 0-20 Second Time Delay Standard
- 5-A 120/220V Relay Contact, Double Pole-Double Throw
- Dial Customization: Multi-color, Gradient Color, Photos, and Company Logos

WHAT'S NEW?

- Infrared Photo transistor has replaced the photocell
- New movement is lighter, smaller, and more compact
- Simplified Gearing includes:
 - Amplifier changed to surface mount technology, microprocessor controlled, allowing EASY reverse logic (simple internal jumper change)
 - Time delay offered as 0-2 second or simple internal jumper change for 0-20 second delay

SPECIFICATIONS

Accuracy:	AC: $\pm 3\%$ of full scale; DC: $\pm 2\%$ of full scale
Movement:	Core Type, Self-shielding
Suspension:	Taut Band
Tracking:	$\pm 3\%$
Repeatability:	Within 0.5% of full scale
Shielding:	Calibration unaffected by magnetic panel mounting
Dial:	Sharp, clear, flattened arc. Customs and logos available
Case:	Lexan
Pointer:	Black, Tubular
Control Point Adjustments:	
Single:	High limit, 0-100% of arc
Double:	High limit 5-100% of arc Adjustable to within 4° of each other
Switching:	Within 2% of indication
Auto / Manual Reset:	Latching function enabled independently for each relay removing jumpers on terminal block. Add and replace with a normal open pushbutton switch.
Contacts / Output Relay	DPDT relay contacts for each control point, each set contacts rated at 5amps, 120/240VAC resistive
New Power Options	1) 70-170VAC, 50-400Hz / 70-170VDC 2) 8-32 VDC
Operating temperature	+41°F to 122°F (5°C to 50°C)

DIMENSIONS

