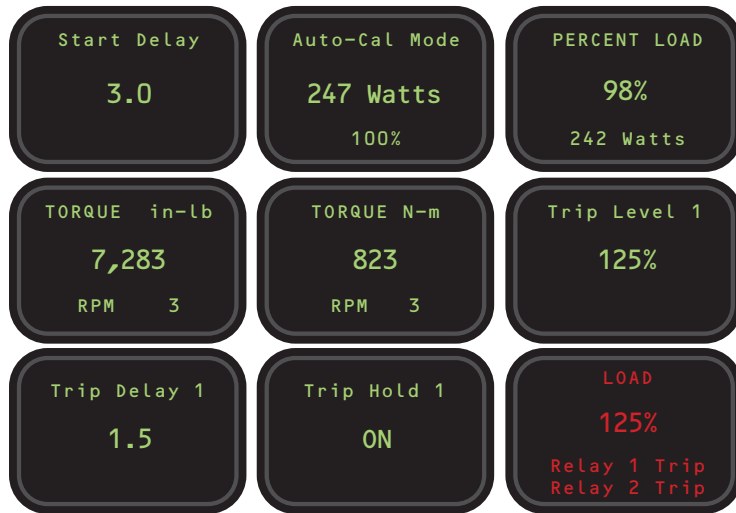


Overload and Underload Protection



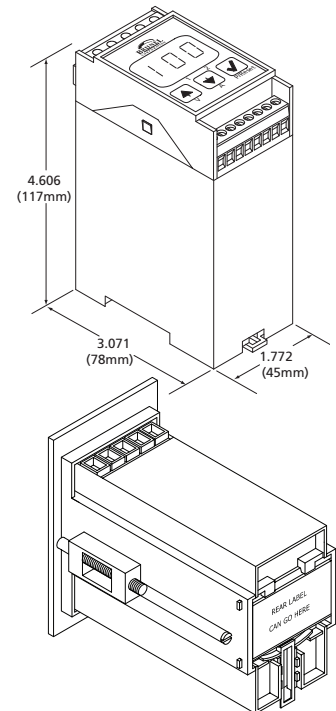
INDUSTRIAL CONTROL EQUIPMENT
 US LISTED 8FA2



The PTM-5 monitors AC motor active power to provide overload or underload protection of industrial drive systems such as: water & waste water drives, pumps, fans or conveyor systems. The system's normal operating power, which is proportional to torque, is set through our auto-calibration mode. Once set, overload or underload alarms are set as a percentage of normal operating power.

PTM-5 POWER AND TORQUE - SPECIFICATIONS

Motor Voltage Ranges	PTM-5-1 120 or 230 VAC PTM-5-2 480 or 600 VAC
Motor Current Ranges	Programmable; 1A, 2A, 4A and 8A (or >8A, use an external 5A secondary current transformer)
Frequency	50-60 Hz
Display	OLED; multi-color (alarm conditions displayed in red)
Displayed Values	Running: % Full Load (kW) or Torque (N-m or lb.in.) plus input RPM & efficiency
Relays	Two Relays Programmable NO or NC. Contacts rated 10 A @ 30 VDC; 10 A @ 250 VAC
Trip Delays	Programmable; 0-25 seconds in 0.1 second increments
Trip Hold (latch)	Programmable; push button reset, terminals for external reset contacts
Start Delay	Programmable; 0-250 seconds
Analog Output Option	0-10 V or 4-20mA max. (jumper selectable)
Enclosure	1.772" x 3.071" x 4.252"; Noral/Lexan; Gray (RAL 7035)
Weight	PTM-5-1 6.5 oz. (184 grams) for 120 or 230 VAC PTM-5-2 13 oz. (369 grams) for 480 or 600 VAC
Wire sizes	Upper Terminals: 2 x 2.52 mm (AWG 14) or 1 x 42 mm (AWG 12) Lower Terminals: 1 x 2.52 mm (AWG 14) (Crimp ferrules, pins or tabs should be used)
Mounting	35/36mm DIN rail. Optional front panel adapter or NEMA 4X enclosure
Environment	Operating Temperature: -20°C to +50°C



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