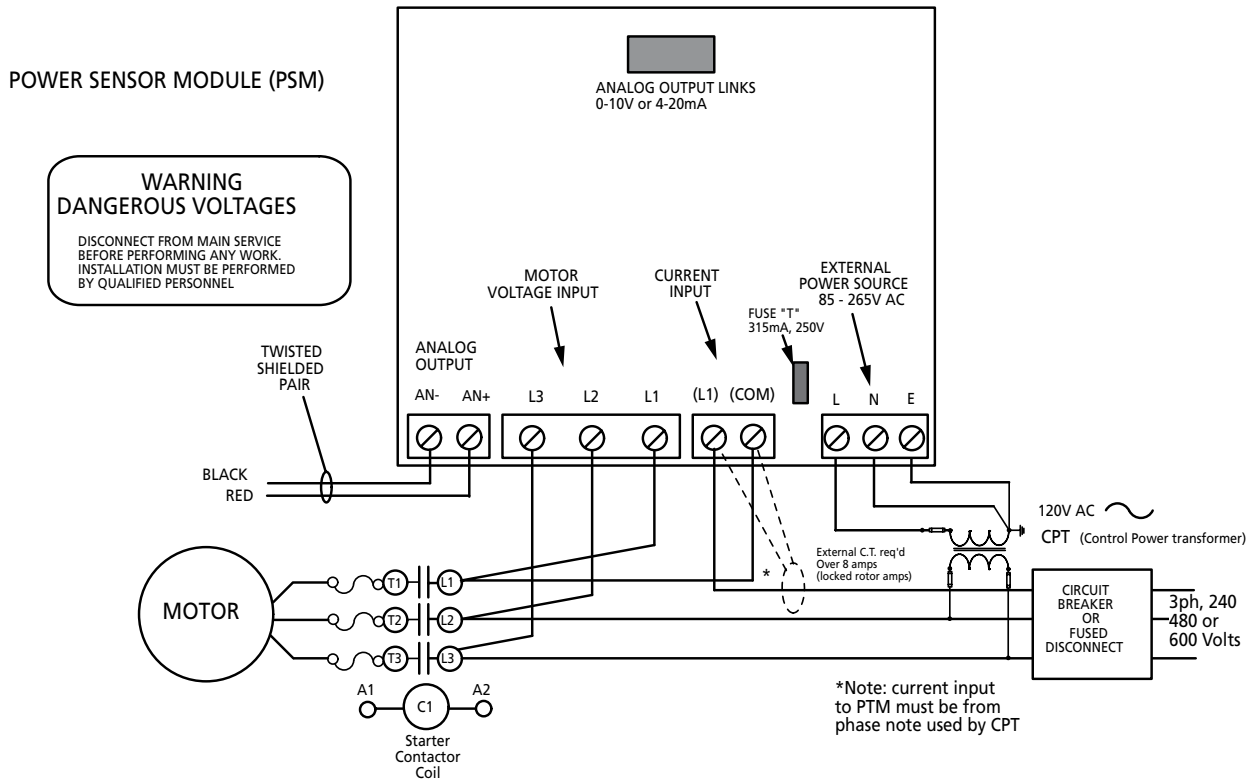
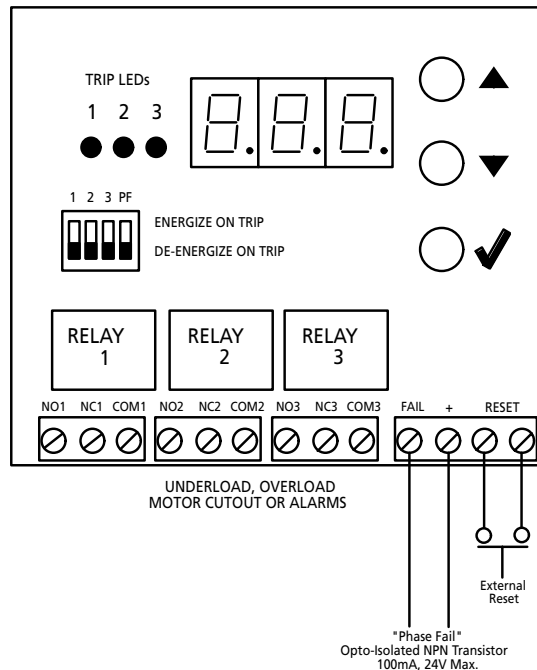


# PTM-3 Programmable Load Monitor for any Electric Motor

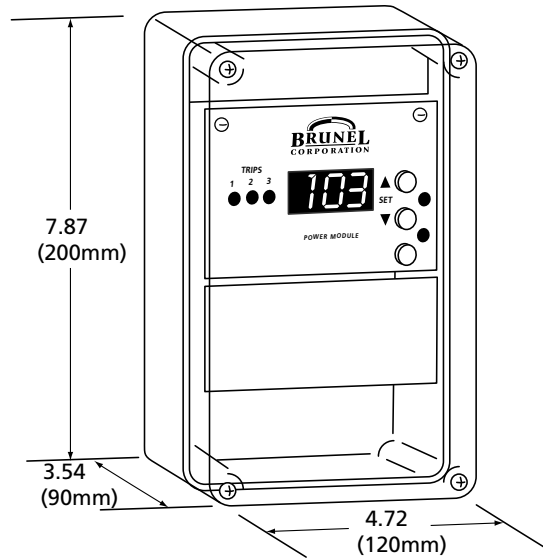
Typical Wiring Diagram  
PTM-3 & PTM-3-4XL



**POWER TRIP MODULE (PTM)**



## PTM-3 Specifications



<b>Power Supply</b>	85-264VAC 50-60Hz, 5W max.
<b>Motor Voltage</b>	Single and Three Phase: 600V max.
<b>Internal Current Transformer</b>	5Amps max. (L1)for >5A use a standard external 5A secondary current transformer
<b>Frequency Range</b>	VFD Compatible 20-100 Hz
<b>Accuracy</b>	Voltage $\pm 2\%$ , Current $\pm 3\%$ , Power $\pm 5\%$
<b>Analog Output</b>	0-10V or 4-20mA (max. load 450)
<b>Reaction Time</b>	23ms actuation time or 19ms release time
<b>Display</b>	3 LED digits, 14.2 mm high, red
<b>Displayed Values</b>	Load – calibrated to read 100 at normal running load Status messages – start, stop, phase failure Set-up values (i.e. trip levels). Motor power, current and voltage
<b>Trip Relays</b>	Three Form C Relays, contacts rated 10A @ 28VDC or 120VAC, 5A @ 240VAC (May be switched to energize or de-energize on trip)
<b>Trip Delays</b>	0-25s in 0.1s increments
<b>Trip Hold</b>	ON/OFF select, pushbutton reset, terminals for external reset contacts
<b>Start Delay</b>	0-250s (0-9.9s in 0.1s increments; > 10s in 1s increments)
<b>Phase Loss Output</b>	Opto-isolated NPN transistor, 100mA 24V max. (Changes state if phase failure, 10% voltage drop, or phase sequence changes)
<b>Enclosure</b>	NEMA 4X/IP66 Polycarbonate box with hinged clear cover. Enclosure can be drilled, sawed or punched on bottom, sides or back for wiring access. Options: DIN rail adapter 'G' or 35mm 'top hat', open frame L mounting bracket
<b>Dimensions</b>	200mm(H) x 120mm(W) x 90mm(D) Outside dimensions 7.87"      4.72"      3.54"
<b>Environment</b>	NEMA 4X / IP66, -4°F to +140°F (-20°C to +60°C)