

PUMP CONTROL STANDARD MODULE - PCM



The Pump Control Standard Module (PCM) provides submersible pump control. This module monitors the current used by the pump and differentiates between load and no load currents. Automatic mode will do full control of the pump operation by switching the pump on and off based on the selected pause timer.

An adaptive control algorithm is used to vary the pause and run cycle times for effective automatic pump control. Long run cycle times for effective automatic pump control. Long run times will cause a short pause time. Short run times will cause long pause times.

Features:

- The PCM module is DIN rail or rear panel mounted.
- One CT covers four selectable ranges with 200:1 CT. (Supplied by Customer)
- Adjustable snooze current level with LED indication of above or below snooze setting.
- Six snooze curve timing selections.
- LED indications for Power, Run, Pause.
- Output relay for Run.

Easy Installation:

- Mount the PCM close to the point of connection.
- Connect the voltage, CT and other I/O as recommended in the connection diagram.
- Use the setup mode described in the manual to prepare this module.

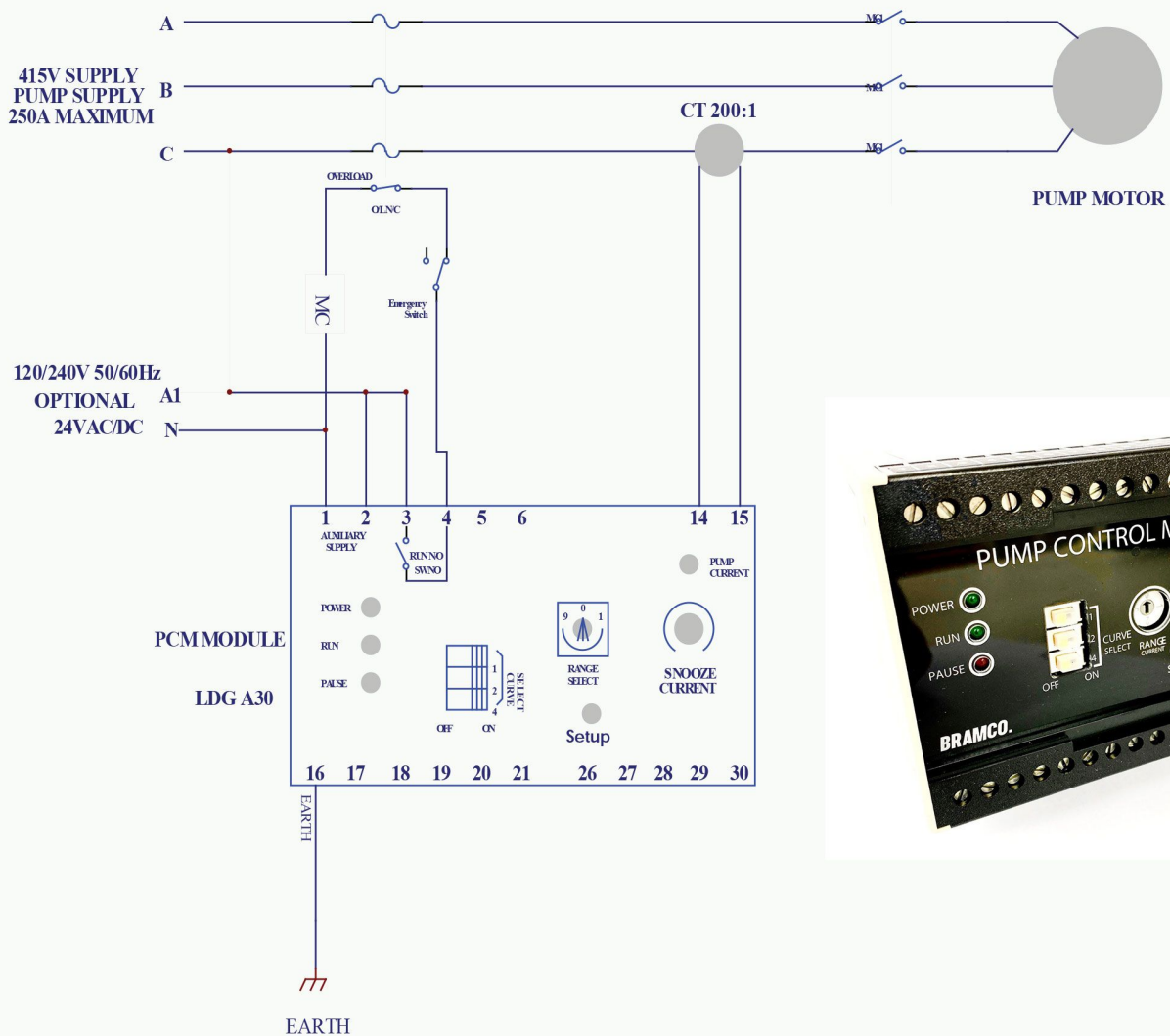
Specifications:

Auxiliary Supply:	■ 110VAC 50/60Hz 3VA ■ 240VAC 50/60Hz 3VA ■ 24 - 48VAC/DC
Motor Current:	■ Range 0: 1-5A ■ Range 1: 5-25A ■ Range 2: 25-100A ■ Range 3: 100-200A
CT Ratio:	■ 200:1 (Supplied by Customer)
Operating Temp:	■ 0-50° Celsius
Output Relays:	■ 1A 250VAC or 1A 30VDC (Max 100VA)
Dimensions:	■ 100W x 75H x 110D
Material:	■ High impact resistant polycarbonate.
Degree of Protection:	■ IP20
Mounting:	■ DIN Rail and screw mount
Terminals:	■ Cage screw terminals
Weight:	■ 550 gms
Ordering information:	
PCM Module:	A01018 - 110V A01021 - 24/48VAC/DC



CONNECTION DIAGRAM:

Auto mode does not use the run stop switch.



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