



## PCM - Pump Control Module

### Overview:

M-Tronix is your source for highly innovative electronic control, protection, and monitoring systems for mining and general industry. M-Tronix is your exclusive distributor of the Bramco product range.

Leaders in Innovative Protection Systems, PCM complies with the latest Australian standards, including AS2081:2011.

### Application:

The Pump Control 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 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.

### Ordering Information:

A01018 - PCM - 110-240VAC

A01021 - PCM - 24-48VAC/DC

T10015 - Current Transformer 200:1 Amp

### Specifications:

Supply:	MODEL	MIN	TYP	MAX	UNIT
	A01018	100	110	240	V AC 50/60Hz
	A01021	20	24	50	V AC/DC

Power: 3VA +/-20%

Operating Temp: 0 – 60° C

Motor Current Range:

1. 1-5A
2. 5-25A
3. 25-100A
4. 100-200A

CT Ratio: 200:1 (#T10015)

Operating Temp: 0-60° Celsius

Output Relays: 1A 250VAC or 1A 30VDC (Max 100VA)

### Enclosure

Dimensions: 100mmW x 75mmH x 110mmD

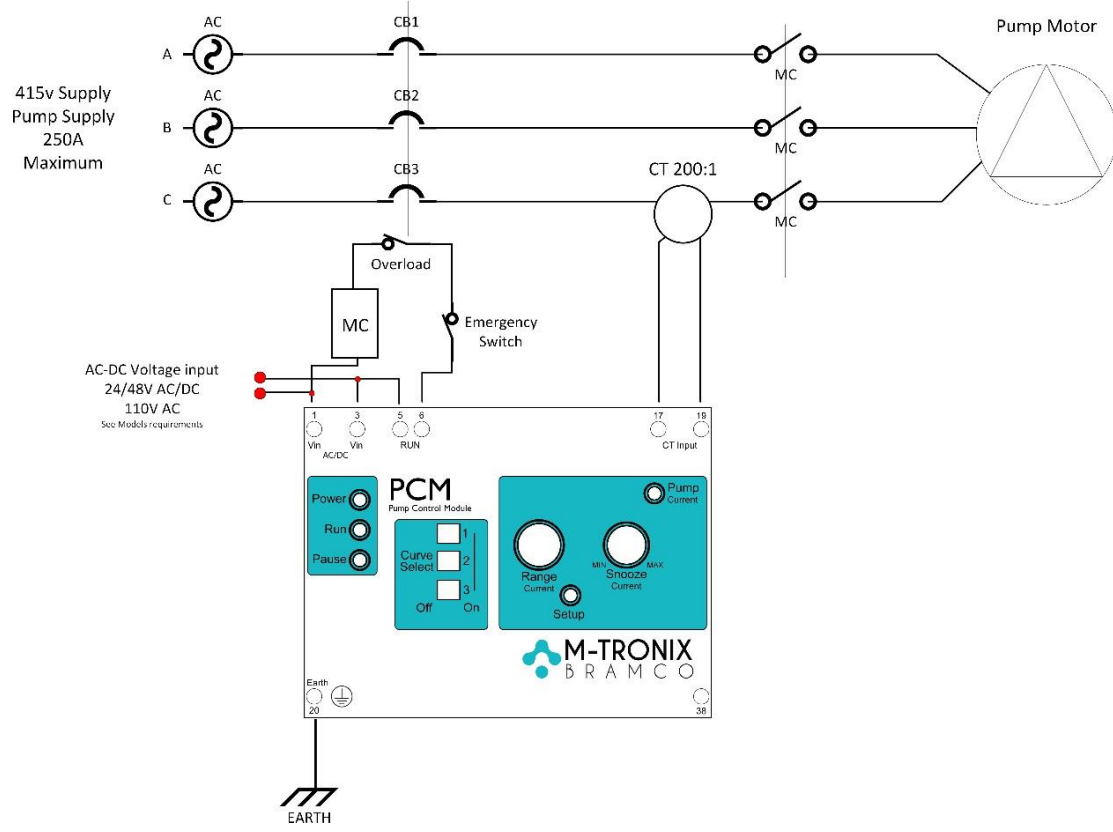
Material:

- High impact resistant polycarbonate construction
- IP20 Rating

Mounting: DIN rail

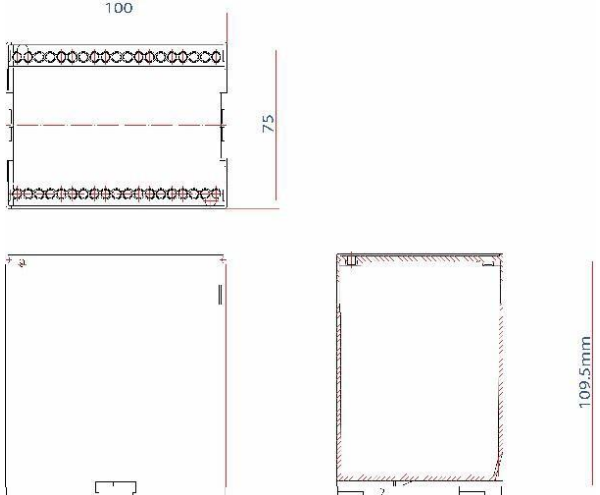
Terminals: Cage screw terminals

Weight: 333gms



### Enclosure Dimensions

75mm x 100mm x 109.5mm



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**Compliance:**  
 AS/NZS 2081:2011  
 The PCM comes with  
 a 2 year warranty.