PCM – Pump Control Module

Overview:

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.
- 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:

Supply:	MODEL	MIN	TYP	MAX	UNIT
	MT01081	100	110	250	V AC
	MT01021	20	24	50	V AC/DC

Power: 3VA +/-20%
Operating Temp: 0 – 60° C

Motor Current:

- Range 0: 1-5A
- Range 1: 5-25A
- Range 2: 25-100A
- Range 3: 100-200A

CT Ratio: 200:1

Relay Contact:

- 5A 250VAC (General)
- 5A 30VDC (Resistive)
- (100VA Max)

Enclosure

Dimensions: 75mm x 100mm x 109.5mm
Material:

- High impact resistant polycarbonate construction
- IP20 Rating

Mounting: DIN rail
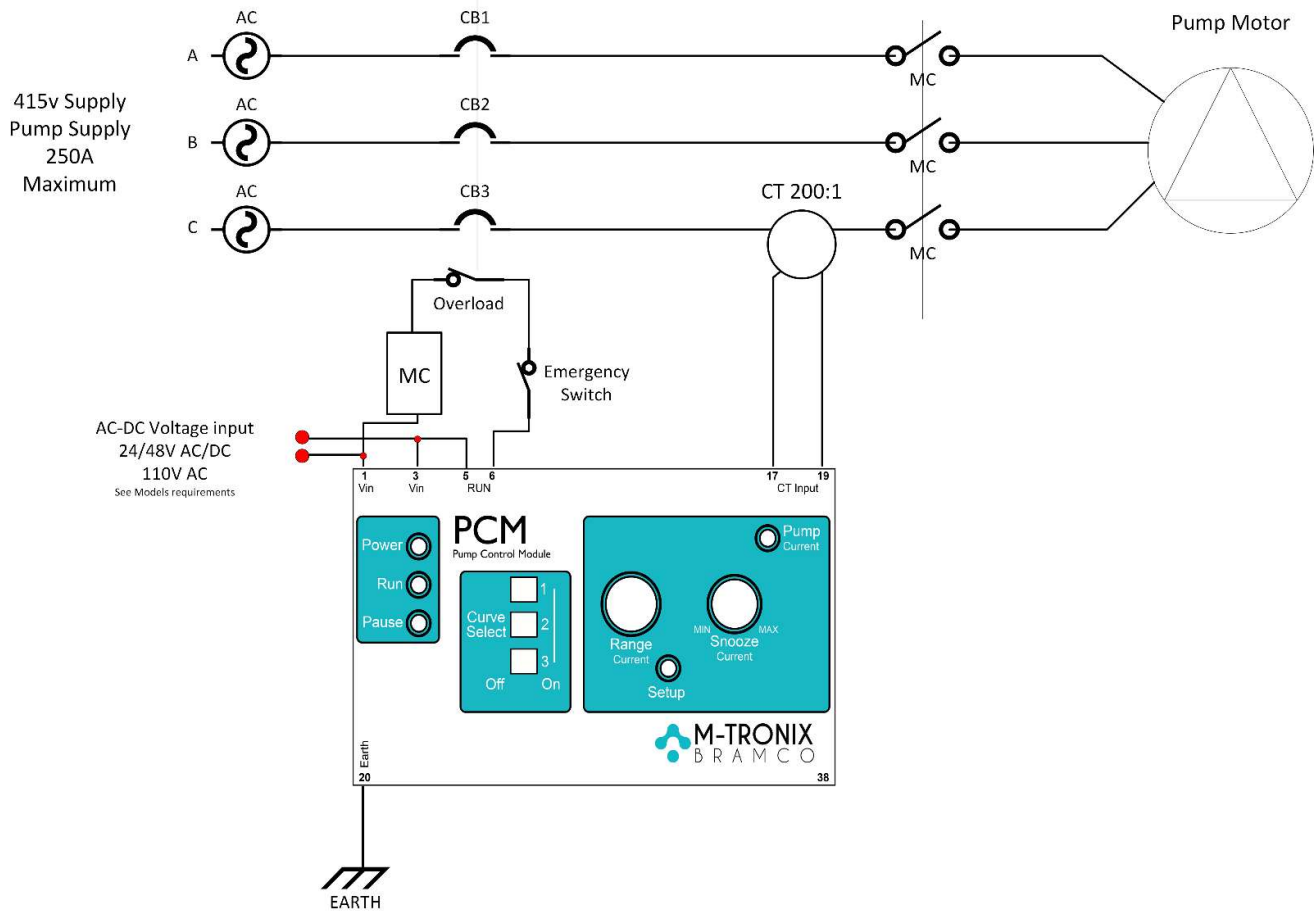Terminals: Cage screw terminals

Weight: 365gms

This product is designed and manufactured in accordance with ISO9001:2000 certified company.

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B R A M C O
SAFETY INNOVATORS

NewGen

PCM
Pump Control Module

Ordering Information:
MT01081   100/250 V AC
MT01021   24 V AC/DC

Typical Wiring Diagram

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BRAMCO
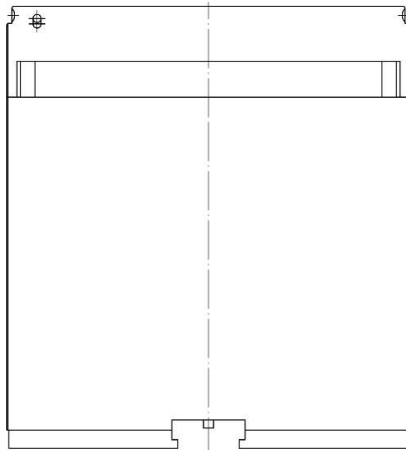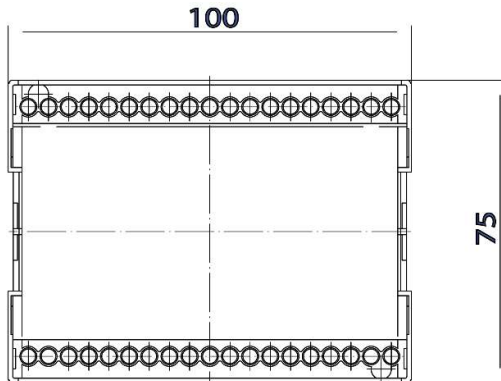### SAFETY INNOVATORS

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PCM
Pump Control Module

Enclosure Dimensions
75mm x 100mm x 109.5mm

100

75

109.5mm

M-TRONIX Contacts
Telephone +61 435 939 513
Email: info@m-tronix.com.au
www.m-tronix.com.au

Compliance:
AS/NZS 2081:2011
The ELEC2 comes with
a 2 year warranty.