

## MOD-PCM120 Phase Cut Modules

The PCM120 converts a single 0-10V dc Input Signal to drive a 0-20V 50Hz phase-cut output, at 120VA, to drive a large valve or actuator.

The PCM120 features opto-isolation, is powered from 24V ac (with a common earth to input signal) and has high quality rising clamp screw terminals.

### Features

- 0..20V 120VA Phase Cut Output
- 1 x 0..10Vdc Input
- Opto Isolated
- Rising clamp screw terminals
- Integral heat sink
- DIN-Rail Mounting



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Model Type	Model	Description
	<b>MOD-PCM120</b>	120VA Phase Cut Module
<b>Technical Data</b>	Operating Voltage	24Vac (earth common to 0..10Vdc input)
	Input Signal	0..10Vdc (2mA)
	Output Signal	0..20V full wave rectified 50Hz phase cut, 120VAI
	Terminals	Rising Clamp Screw Terminals
	LED Indication	ON when powered
	Operating Temperature	0..50°C
	Dimensions (approximately)	W139 x H92.5 x D78 mm

**Installation**

**NOTES:-**

- 1) There is a heatsink fitted on this pcb, other components may also get warm; for this reason the PCM120 must be mounted in such a manner as to ensure free air circulation to provide adequate cooling.
- 2) The 24Vac supply must be rated to supply the full phase-cut output load.
- 3) The PCM120 is not protected against short circuits - take suitable precautions when wiring, and suitable external fusing should be fitted. All connections should be made with the power disconnected.

**Wiring Details**

