

**Product Code: AX-PCM2/30**  
**Dual 30VA Phase-Cut Output**  
**Module**

**AXIO**



## FEATURES

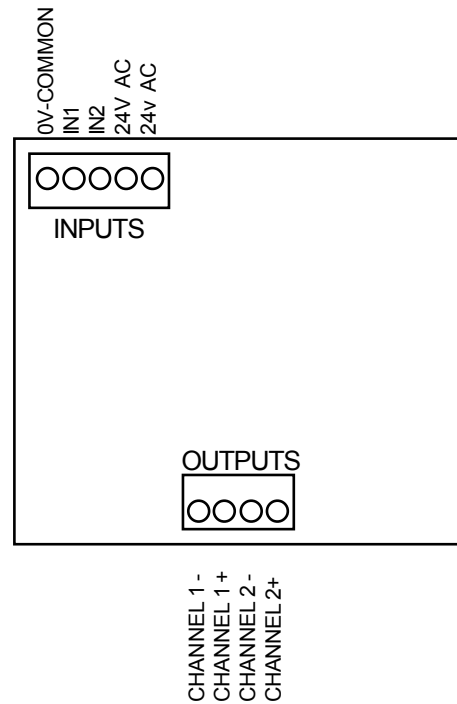
- 2 x 20V Phase-Cut 30VA Outputs
- 2 x 0-10Vdc Inputs
- Opto-isolated Inputs to Outputs
- High Quality Rising Clamp Terminals
- DIN Rail (TS35) Mounting

The AX-PCM2/30 converts two 0-10V dc Input Signals to drive two separate 0-20V 50Hz phase-cut outputs, at 30VA per channel for the control of small valve or damper actuators. The AX-PCM2/30 features opto-isolation, is powered from 24V ac (with a common earth to input signal) and has Rising Clamp Screw Terminals. The output from the AX-PCM2/30 can be boosted to 60VA by using two AX-MPCA modules, 1 per channel. The AX-PCM2/30 is designed to mount onto TS35 Section DIN Rail.

# Specification

Input Signal	2 x 0-10V dc.
Output Signal	2 x 0-20V phase-cut, 30VA per channel.
Power Supply	24V ac (See note over- -leaf)
Terminals	Rising Clamp for 0.5- 2.5mm <sup>2</sup> Cable
Ambient Temp. Range	0 to 50°C
Dimensions	78mm (W) x 92.5mm (H) x 48mm approx.
Country of Origin	United Kingdom

This product meets the requirements of **CE**.



# Installation

NB:

- 1) The transformer used to supply the 24V ac should be dedicated solely to the MPC2/30. The transformer secondary must not have either end connected to 0V nor to Earth. If the transformer secondary is earthed, and the actuator is also earthed, the MPC2/30 may be permanently damaged.
- 2) The 24Vac supply must be rated to supply the full phase-cut output load.
- 3) The MPC2/30 is not protected against short circuits - take suitable precautions when wiring. All connections should be made with the power disconnected.

## Connections:

### Input Terminals

0V	Common 0V for 0-10V dc Control Signals
IN1	Channel 1 0-10Vdc Control Signal
IN2	Channel 2 0-10Vdc Control Signal
AC	24Vac (See Notes 1,2 & 3 above)
AC	24Vac (See Notes 1,2 & 3 above)

### Output Terminals - Note Polarity!

Some phase-cut loads may be polarity sensitive - refer to manufacturers data.

Output 1-	Channel 1 Phase-cut Output
Output 1+	Channel 1 Phase-cut Output
Output 2-	Channel 2 Phase-cut Output
Output 2+	Channel 2 Phase-cut Output

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7, Mount Mews  
Hampton  
Middlesex  
TW12 2SH  
Email: sales@axio.co.uk  
Tel: 0870 2417430  
Fax: 0208 3950742

**AXIO**