B.M.S INPUT - OUTPUT MODULES 0-10VDC TO 0-20V PHASE CUT

E..PCM

These units convert one or two 0-10vdc inputs to one or two 0-20V phase-cut outputs to control Staefa 2 wire valves and Belimo actuators.

Input current < 1mA

Use the correct size transformer for the VA rating of the actuator / valve.

The output signal varies at teh same rate as the input signal.

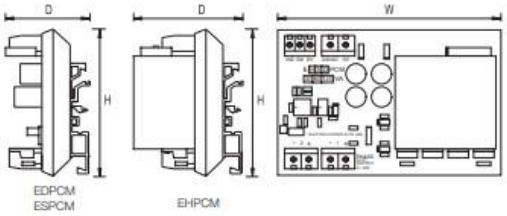
Humidity 0-90%HR non condensing

Ambient -10/+50°C

Consumption 51mA Flammability = UL94-V0

Type	Power Supply ±15%	Input Signal	Output Signal	MaxActuator Rating	Mounting	Enclosure
EDPCM	24VAC	2 x 0-10VDC	2 x 20V	**30VA/channel**	Din Rail	IP00
ESPCM	24VAC	1 x 0-10VDC	1 x 20V	**60VA**	Din Rail	IP00
EHPCM	24VAC	1 x 0-10VDC	1 x 20V	**120VA**	Din Rail	IP00

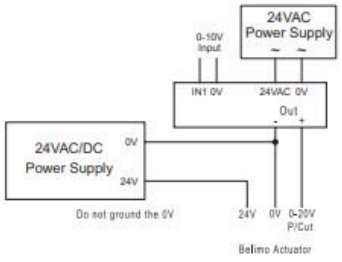
DIMENSIONS



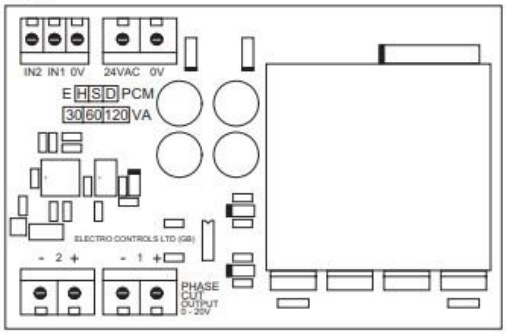
	H	W	D
EDPCM	77	114	48
ESPCM	77	114	48
EHPCM	77	114	62

WIRING:

Example for wiring to Belimo Actuator



EDPCM
ESPCM
EHPCM



For the 24VAC POWER SUPPLY select transformer VA rating according to actuator rating.

NOTE: The ESPCM & EHPCM can only be used for 1 x 0-10VDC input & 1 x 0-20V phase cut output using channel 1.
The EDPCM can be used for 2 x 0-10VDC input & 2 x 0-20V phase cut output using channels 1&2.