

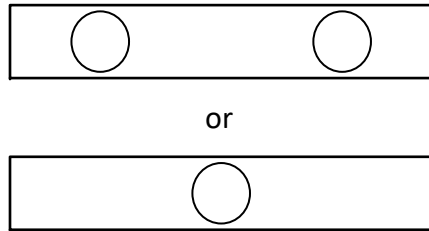
EMOAC-5000 Wiring Diagram

IAT THERMAL DISPERSION
OUTDOOR AIRFLOW PROBE(S)

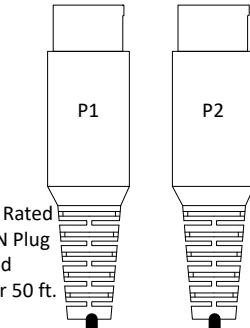
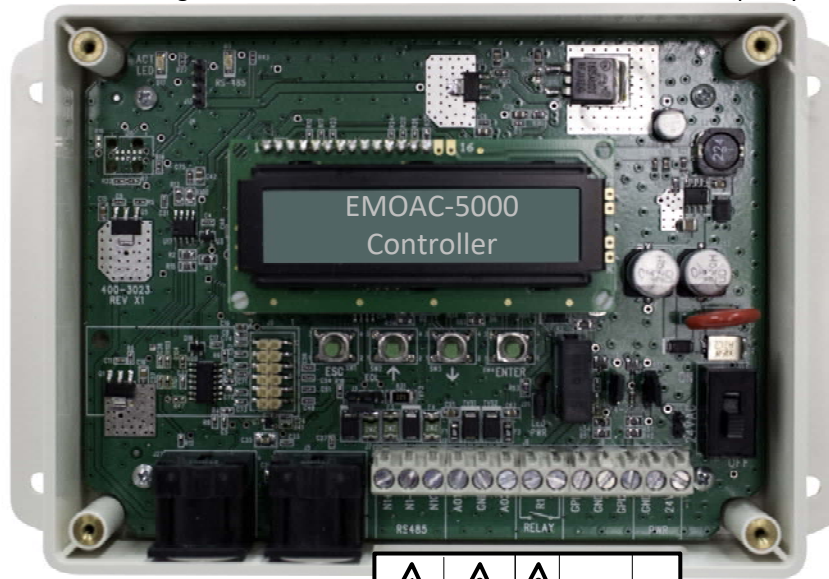
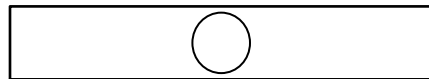
Belimo ZIP Economizer Controller (by others) Enhanced MOA Control
Optional DCV Configuration: RS-485 BACnet MS/TP CO₂ Sensor or Occupancy Counter

**BELIMO
ACTUATOR**
2-10 VDC

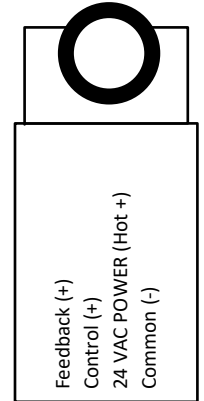
Probe #1 - 1 or 2 sensors
(required)



Probe #2 - 1 sensor
(optional if probe 1 is one sensor)



FEP Plenum Rated
Cable w/DIN Plug
Included
10ft., 25ft. or 50 ft.



⚠️ RS-485 may be "daisy-chained" to a remote B.A.S. BACnet objects are read-write. EMOAC controllers are a ¼ load BACnet Master device. Set termination jumper (J3) on the EMOAC controller if it is located at the end of the RS-485 line. EMOAC controller RS-485 connections are non-isolated. Install a GreenTrol network isolator if an isolated RS-485 connection is required.

⚠️ Actuator and/or economizer controller signal common are not required when a single transformer is provided to devices without isolated outputs.

⚠️ N.O. contact closure relay. 30 VDC or 24 VAC @ 3A max. On-board jumper (J26) allows relay to drive an external LED (by others).

