



Rev. 10/16/12

# EA1 - Two Position Actuator Interface

G5

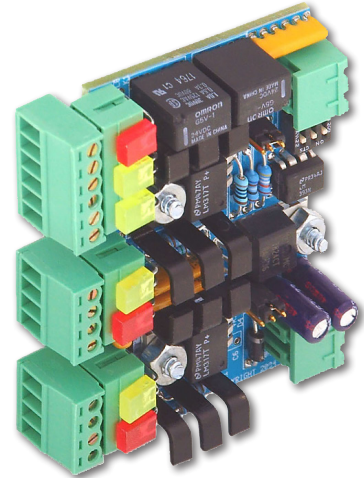
ETA Line

## Overview

The EA1 simplifies the wiring and troubleshooting of “Belimo®” style two-position actuators with end switch position feedback. Each EA1 module can control two actuators from a single controller output and provide a summary dry contact status when a user-selectable number of end switches close (1, 2 or more). The actuators can move together or in opposite directions based on jumper settings on the module. An additional end switch input allows multiple EA1s to be cascaded together.

The connectors on the front of the EA1 module are readily accessible and make terminations quick and easy for the controller, actuators and actuator end switches. The red and amber LEDs on the EA1 indicate when power is being supplied to the actuators and when they have reached their end states. These LEDs tell the technician the state of the controller output, when power is being sent to the actuators and if the actuator end switch is closed.

The EA1 plugs into a BP2, BP4 or BP8 backplane. A green LED on the EA1 indicates when power is present.



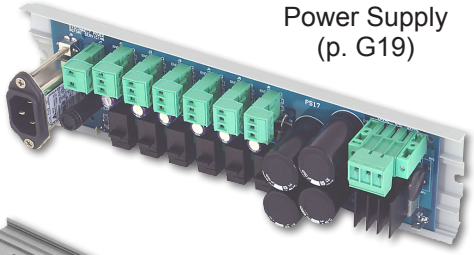
**EA1 - Two Position Actuator Interface**

| <u>Part Number</u> | <u>Description</u>            |
|--------------------|-------------------------------|
| BA/EA1 .....       | 2 Position Actuator Interface |

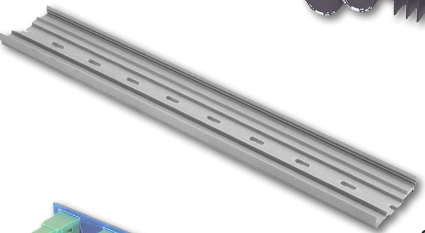
*See end of Section G for list pricing.*

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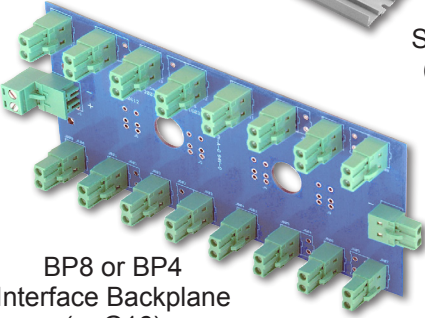
## Associated Products



PS17 or PS17CB  
Power Supply  
(p. G19)

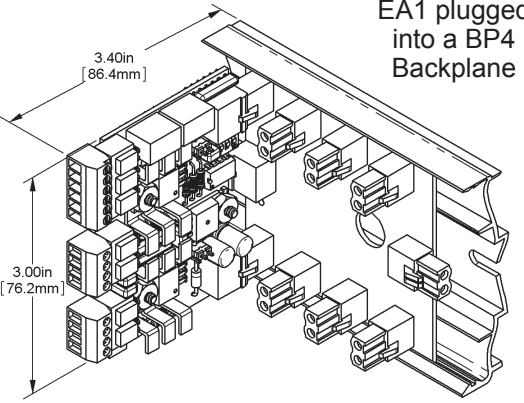


TRK18  
Snaptrack  
(p. G18)



BP8 or BP4  
Interface Backplane  
(p. G16)

## Specifications



EA1 plugged into a BP4 Backplane

3.40in [86.4mm]

3.00in [76.2mm]

**Power Voltage:** 26 to 36 VDC

**Power Current:** 50 mA max. plus actuators (1.7 VA max plus actuator)

**Actuator Control Voltage:** 0 or 24 VDC @ 7mA max

**Actuator Power Voltage:** 24 VDC

**Actuator Power Current:** 2 output of 250 mA max. (12 Watts total)

