



# EA-BT Single Output Bluetooth Controller

## Wireless Monitoring and Access Control

- Enables wireless monitoring and control of Southco electromechanical latches
- Quick plug and play installation
- Provides complete access control system with the *Keypanion™* app
- Third party integration with Southco API

### Material and Finish

Housing: PC/ABS

Adhesive: Acrylic foam and acrylic adhesive

Potting Material: Silicone based

### Electronic Specifications

Supply Voltage: 12 VDC

Operating Temperature:

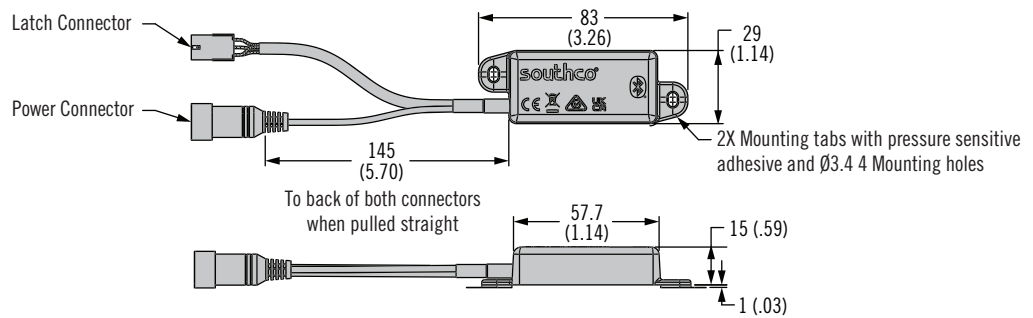
-40°C to 80°C

Operating Humidity: 85% max No condensation

Visit [southco.com/ea-bt](http://southco.com/ea-bt) to download further installation and operation details.

### How to order:

- 1) Order a controller configured to work with the appropriate electromechanical latch
- 2) Order the wire harness to connect the electromechanical latch to the controller (if required)
- 3) Order Southco power supply EA-A02-002 and select the appropriate plug adapter (if needed)



### Part Number Selection

**EA - BT - 4043 - 10 - L**

**L** Configuration (Pre-configured to work with the following Southco latches) Part number example: EA-BT-4043-10-A1

| "L" | Electromechanical Device                                       |  | Wire Harness* |
|-----|--|--|---------------|
| A1  | EM-05-1 & 2 Series Electronic Slide Bolt Latches               |  | Not Required  |
| A1  | R4-EM 2,6,7 Series Electronic Rotary Latches                   |  | Not Required  |
| B1  | R4-EM-9D, R4-EM-9P Electronic Rotary Latches                   |  | EA-W21-A25-21 |
| B1  | R4-EM-05D Electronic Rotary Latches                            |  | EA-W01-A17-21 |
| C1  | EM-10-XX-300, EM-10-XX-400 Electronic Slide Bolt Latches       |  | EA-W21-A03-02 |
| C1  | H3-EM-60 Electronic Swinghandle Latch                          |  | EA-W01-A23-21 |
| D1  | R4-EM-8 Series Electronic Rotary Latches (12 VDC Version Only) |  | EA-W24-A03-21 |
| F1  | R4-25 Electronic Rotary Latch                                  |  | Not Required  |
| F2  | AC-EM-102-1042 Electro-Mechanical Actuator                     |  | Not Required  |

\* Wire harnesses listed above are 150 mm (5.9") in length. Other lengths available. Visit [southco.com/ea-bt](http://southco.com/ea-bt) for more information.

### EA-A02-002 12VDC Power Supply (order separately)



### Power Plug Adapters

| Part Number               | Description                  | Function |
|---------------------------|------------------------------|----------|
| EA-A02-002**              | Power Supply with NA 2-Pin   |          |
| EA-A02-002 & EA-A02-002-2 | Power Supply with Euro 2-Pin |          |
| EA-A02-002 & EA-A02-002-3 | Power Supply with UK 3-Pin   |          |
| EA-A02-002 & EA-A02-002-4 | Power Supply with SAA 2-Pin  |          |

\*\*EA-A02-002-1 NA 2-PIN included with EA-A02-002 Power Supply.

Dimensions in millimeters (inch) unless otherwise stated

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