



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:

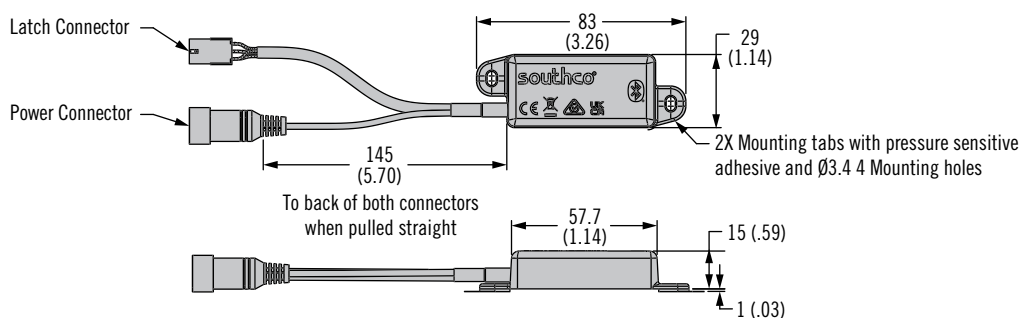
-40°C to 80°C

Operating Humidity: 85% max No condensation

Visit southco.com/ea-bt 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 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	

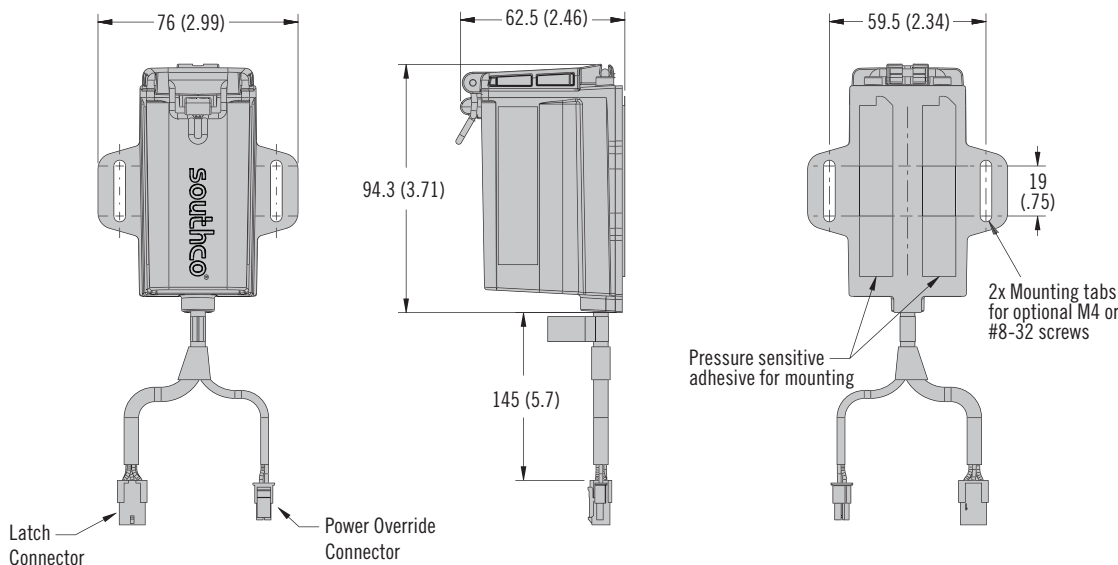
**EA-A02-002-1 NA 2-PIN included with EA-A02-002 Power Supply.

EA-BT Single Output Bluetooth® Controller

Battery Powered Wireless Monitoring and Access Control



51B



Part Number Selection

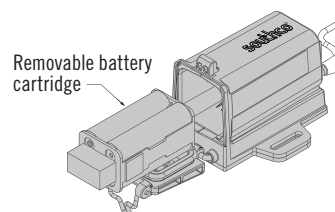
EA - BT - 5074 - 10 - L

L Configuration (Pre-configured to work with the following Southco latches) Part number example: EA-BT-5074-10-A1

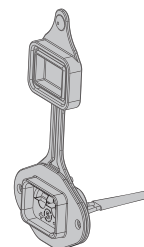
"L"	Electromechanical Device		Interconnect Harness*	Y Splitter Harness**
A1	EM-05-1 & 2 Series Electronic Slide Bolt Latches		Not Required	EA-W21-20-A17-20
	R4-EM 2 & 6 Series Electronic Latches		Not Required	EA-W21-20-A17-20
	R4-EM 7 Series Electronic Latches		Not Required	Not Available
D1	R4-EM-8 Series Electronic Rotary Latches (12 VDC Version Only)		EA-W24-A03-21	Not Available
F1	R4-25 Electronic Rotary Latch (12 VDC Version Only)		Not Required	EA-W21-20-A17-20
F2	AC-EM-102-1042 Electro-Mechanical Actuator		Not Required	EA-W21-20-A17-20
	R4-05-2 & R4-05-5 Electronic Rotary Latch / Multi-point Rod System Blocker		Not Required	EA-W21-20-A17-20

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

** Control and monitor two electromechanical devices simultaneously from one Bluetooth controller. Devices must be from the same "L" configuration



Tool-less access for easy battery replacement



EA-A40-5901

Power Override Port (optional)

9 VDC, 1 meter length - other lengths available
Not recommended for use with the Y Splitter Harness

Dimensions in millimeters (inch) unless otherwise stated

- Enables wireless monitoring and control of Southco electromechanical latches
- Quick plug and play installation
- Battery Operated
- IP-X6 Sealed
- Provides complete access control system with the **Keypanion®** app and web Portal
- Third party integration with Southco SDK

Material and Finish

Housing, Door: Glass-filled nylon
Bail and hinge bar: Stainless steel, passivated
Adhesive: Acrylic foam and acrylic adhesive

Electronic Specifications

Supply Voltage: 6 VDC (Four AA 1.5V Alkaline Batteries - Not Included)

Operating Temperature:

-25°C to 55°C (Battery Dependent)

Operating Humidity: 85% max

No condensation

Visit 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 device
- 2) Order the interconnect harness to connect the electromechanical latch to the controller (if required)
- 3) Order Y splitter harness to operate two electromechanical devices from one Bluetooth controller (if required)
- 4) Order power override port, EA-A40-5901 (if required)

Example:

When using an R4-25 Electronic Rotary Latch with the optional power override port, order the following:
EA-BT-5074-10-F1 (qty 1)
EA-A40-5901 (qty 1)
(Electromechanical devices ordered separately)