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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
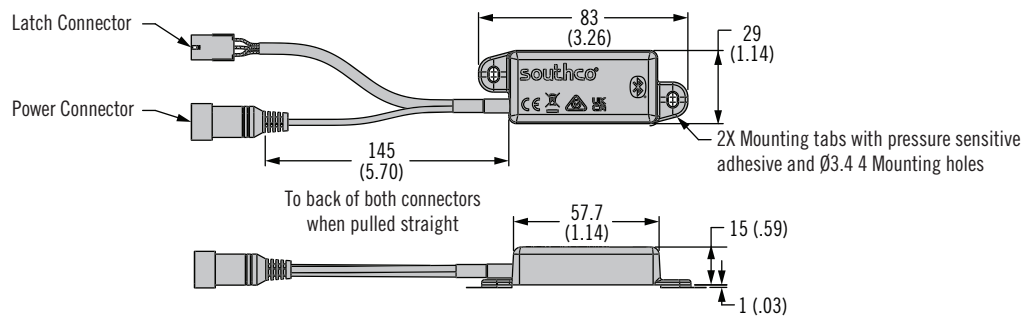Supply Voltage: 12 VDC

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)

Latch Connector
Power Connector

83 (3.26)
29 (1.14)
145 (5.70)
To back of both connectors when pulled straight
2X Mounting tabs with pressure sensitive adhesive and Ø3.4 4 Mounting holes
57.7 (1.14)
15 (.59)
1 (.03)

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
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.

Dimensions in millimeters (inch) unless otherwise stated

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