



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 SDK

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-bluetooth-controller to download further installation and operation details.

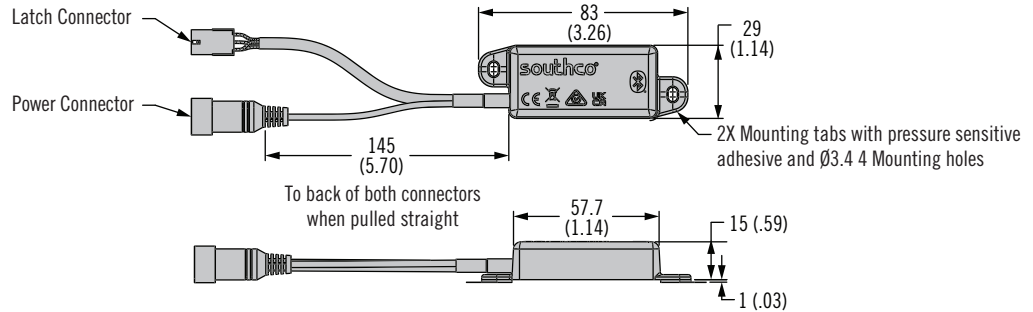
How to order:

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

Example:

If you are using two H3-EM-60 Electronic Swinghandle latches you will need to order:

EA-BT-4043-10-C1 (qty 1),
EA-W01-A23-21 (qty 2),
EA-W21-20-A01-20 (qty 1) and
EA-A02-002 (qty 1).



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		Interconnect Harness*	Y Splitter Harness**
A1	EM-05-1 & 2 Series Electronic Slide Bolt Latches		Not Required	EA-W21-20-A17-20
A1	R4-EM 2,6,7 Series Electronic Rotary Latches		Not Required	EA-W21-20-A17-20
B1	R4-EM-9D, R4-EM-9P Electronic Rotary Latches		EA-W21-A25-21	EA-W21-20-A01-20
B1	R4-EM-05D Electronic Rotary Latches		EA-W01-A17-21	EA-W21-20-A01-20
C1	EM-10-XX-300, EM-10-XX-400 Electronic Slide Bolt Latches		EA-W21-A03-02	EA-W21-20-A01-20
C1	H3-EM-60 Electronic Swinghandle Latch		EA-W01-A23-21	EA-W21-20-A01-20
C1	H3-EM-80 Sealed Electronic Swinghandle Latch		EA-W01-A17-21	EA-W21-20-A01-20
D1	R4-EM-8 Series Electronic Rotary Latches (12 VDC Version Only)		EA-W24-A03-21	Not Available
E1	R4-50 Heavy-Duty Electronic Rotary Latch		Not Required	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

* 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 from one Bluetooth controller. Devices must be from the same "L" configuration.

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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