



R4 Rotary Latch

Heavy-Duty – Concealed – Electronic Operation and Door Sensing

- High strength door retention (FMVSS 206)
- Sensor verifies door closure
- Exceptional cycle life
- Quick release
- Sealed actuator
- Releases reliably under high load

Material and Finish

Latch: steel, zinc plate or zinc nickel plate
Actuator: PC/ABS, acetal, silicone, buna seals

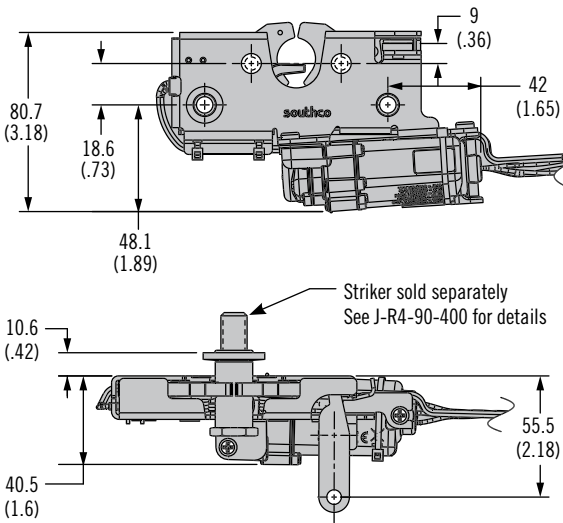
Electronic specifications:

Operating voltage 12 VDC nominal
Operating current < 600mA
Temperature -40 to 80°C
Sealed (IP65)

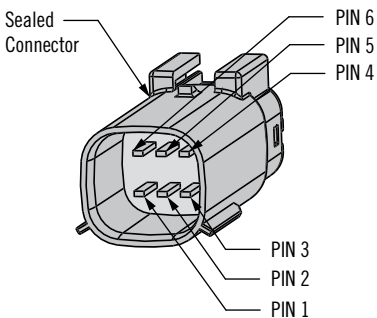
Accessories

Striker Bolt Assembly
(sold separately) R4-90-441-10
Cables and retainer clips
see pages 322-323

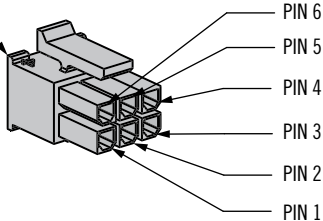
Latch with door sensor, 12V sealed electronic actuator (right hand actuation shown)



Connector options
(See below)



Non-Sealed
Connector



Connector Pinout		
Pin	Wire Color	Function
1	Brown	Ground
2	Red	Power release
3	Orange	Power relock
4	Black	Switch common
5	Blue	Door secure
6	Grey	Door open



Enable wireless operation with
Southco's **BLUETOOTH®** Controller

Part Number Selection

R4 - 50 - **S** **I** - 1 **E** 1 - 10

- I** Stage & Actuation
- 3 Two stage right hand
 - 4 Two stage left hand

- I** Mounting Style
- 0 7.2 mm thru hole
 - 1 1/4-20 threaded
 - 2 M6 threaded

- E** Electronics
- EA With switch and actuator, non-sealed connector
 - EB With switch and actuator, stripped & tinned wires
 - EC With switch and actuator, sealed connector