

R4 Rotary Latch

Medium-Duty – Concealed – Electronic Operation and Door Sensing

- Symmetrical design with cable mount simplifies installation
- Integrated bumper reduces noise and dampens vibration
- Front or side mount
- Sensor verifies door closure
- Sealed (IP67) 12VDC actuator enables remote electrical operation
- Latch releases reliably under high load

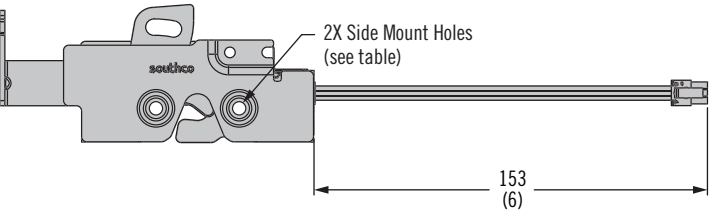
Material and Finish
Steel, zinc plate or zinc nickel plate

Electronic specifications:
Operating voltage 12 VDC nominal
Operating current < 300mA
Temperature -40 to 80°C
Sealed (IP67 / Class 1 Division 2)

Accessories
Strikers see page 297 for 9mm diameter (integrated bumper) solutions
Cables and retainer clips see pages 322-323

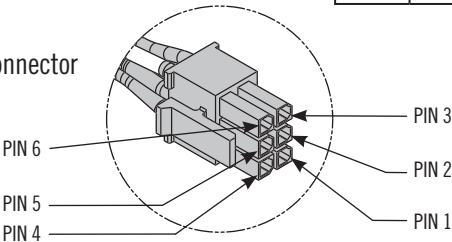
Latch with door sensor

(with mount for cable with return assist spring shown)



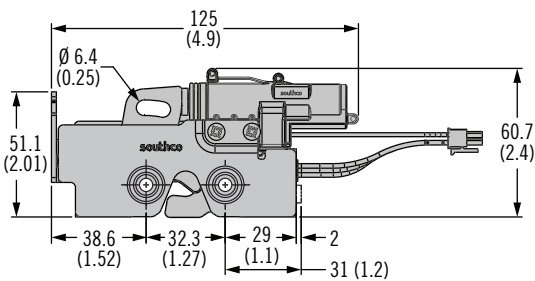
Switch Pin Out	
Pin	Function
1	No connect
2	No connect
3	No connect
4	Switch common
5	Door secure
6	Door open

Molex Micro-Fit 3.0 connector



Latch with door sensor and sealed electronic actuator

(with mount for cable without return assist spring shown)



Switch with Actuator Pin Out	
Pin	Function
1	Ground
2	Power release
3	Power relock
4	Switch common
5	Door secure
6	Door open

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



Part Number Selection

R4 - 25 - 2

I

S

- 51

E

B

- MM

I Mounting Style

- 0 Side mount Ø6.7(.283) thru
- 1 Side mount 1/4-20 thread
- 2 Side mount M6 x 1 thread
- 3 Front mount (M6) with side mount Ø6.7(.283) thru

S Latch Release Options

- 0 Kick-out spring
- 1 Pull-to-open

E Electronic Actuation Options

- 0 None (latch with switch only)
- B 12VDC sealed (latch with switch and electronic actuator)
- 6 5VDC sealed (latch with switch and electronic actuator)

MM Material

- 10 Steel, zinc plated
- 15 Steel, black zinc nickel

B Base Style

- 2 Mount for cable with return spring assist, no bumper
- 3 Mount for cable without return spring assist, no bumper
- 6 Mount for cable with return spring assist, with bumper
- 7 Mount for cable without return spring assist, with bumper

www.southco.com/R4

Dimensions in millimeters (inch) unless otherwise stated