R4 Rotary Latch
Medium-Duty — Concealed

- **Symmetrical design with cable mount simplifies installation**
- **Integrated bumper reduces noise and dampens vibration**
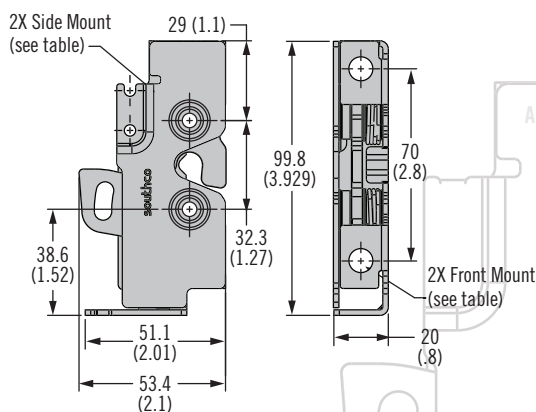- **Front or side mount**

Material and Finish
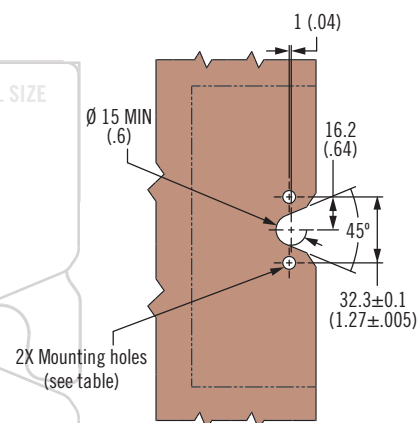Steel, zinc plate or zinc nickel plate

Accessories
Strikers see page 297 for 9mm diameter (integrated bumper) solutions.
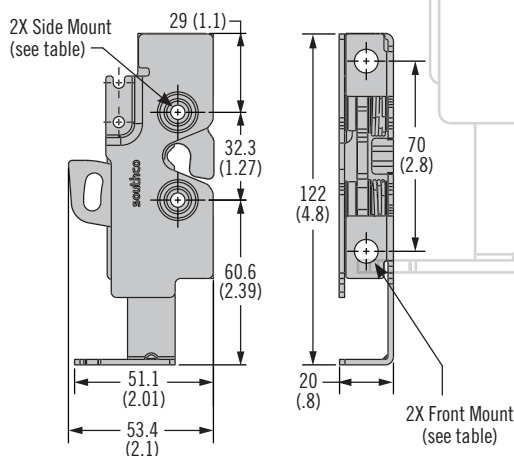
Cables and retainer clips see pages 322-323
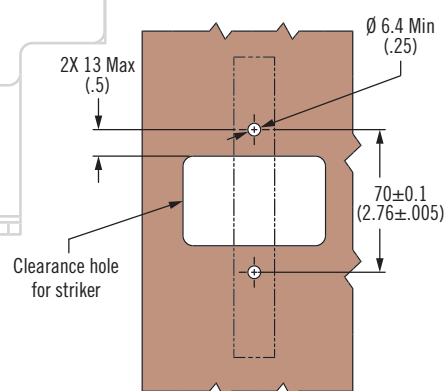
Latch with mount for cable without return assist spring

Panel preparation side mount

Latch with mount for cable with return assist spring

Panel preparation front mount

## Part Number Selection

R4 - 25 - 2 **I** 0- 5 0 0 **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

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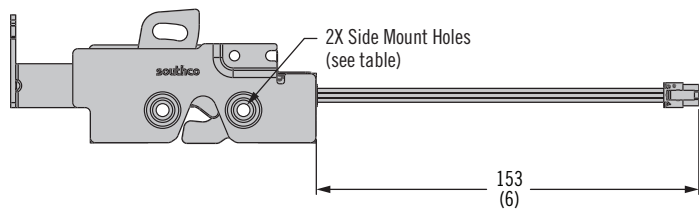- 2 — Mount for cable with return spring assist, no bumper
- 3 — Mount for cable without return spring assist, no bumper
- 6 — Mount for cable with return spring assist, with bumper
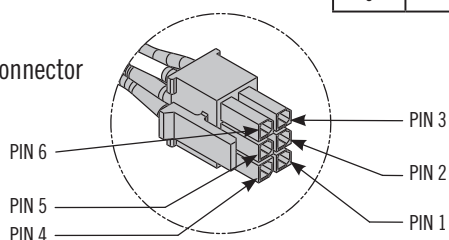- 7 — Mount for cable without return spring assist, with bumper

MM Material
- 10 — Steel, zinc plated
- 15 — Steel, black zinc nickel

Dimensions in millimeters (inch) unless otherwise stated

southco®
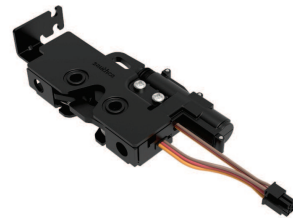
Latch with door sensor

(with mount for cable with return assist spring shown)

2X Side Mount Holes
(see table)

153
(6)

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

PIN 6
PIN 5
PIN 4
PIN 3
PIN 2
PIN 1

Latch with door sensor and 12 V sealed electronic actuator

(with mount for cable without return assist spring shown)

125
(4.9)

Ø 6.4
(0.25)

51.1
(2.01)

60.7
(2.4)

38.6
(1.52)

32.3
(1.27)

29
(1.1)

2

31 (1.2)
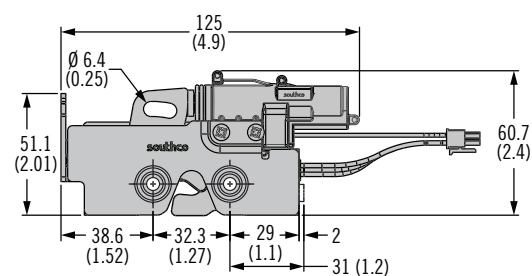
Switch with Actuator Pin Out	
Pin	**Function**
1	Ground
2	Power release
3	Power relock
4	Switch common
5	Door secure
6	Door open

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

Part Number Selection

R4 - 25 - 2 **I** 0- 5 1 **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

E **Electronic Actuation Options**
0 None (latch with switch only)
B 12VDC sealed
(latch with switch and electronic actuator)

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,
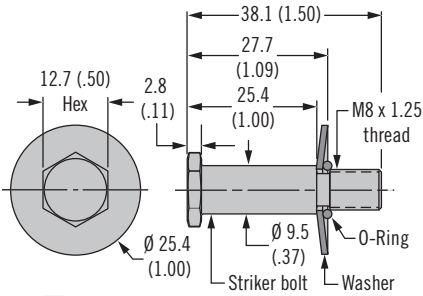with bumper

MM **Material**
10 Steel, zinc plated
15 Steel, black zinc nickel

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Dimensions in millimeters (inch) unless otherwise stated

www.southco.com/R4

Striker Bolt Assembly - Standard
(sold separately)

ACTUAL SIZE

Striker Bolt Standard	
Part Number	Material
R4-90-121-10	Steel, Zinc Plated
R4-90-121-20	Stainless Steel

Striker 90° Mounting Bracket

Striker Bolt Assembly - Integrated Bumper
(sold separately)
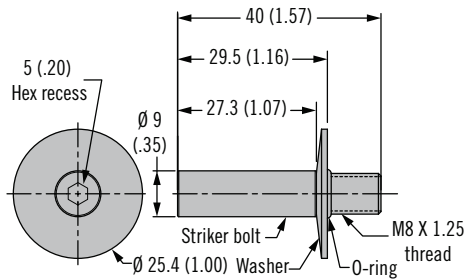
Striker Bolt Integrated Bumper	
Part Number	Material
R4-90-124-10	Steel, Zinc Plated
R4-90-124-20	Stainless Steel
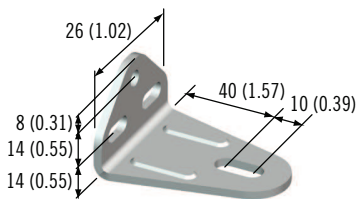
Striker Mounting Bracket	
Part Number	Material
R4-0-50114	Stainless Steel

- **Strikers for R4-10 series rotary latch**

Material and Finish
Steel, zinc plated Steel, zinc nickel plated, Steel, black zinc nickel plated, Stainless Steel, passivated

Operation

Latched position ⟷ Unlatched position

Part Number
See tables

Wire Form Strikers
(sold separately)

Perpendicular Mount

Parallel Mount

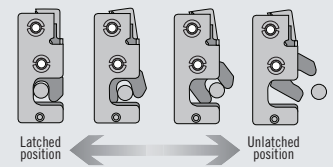| Wire Form Strikers - Standard Ø9.2 (.36)		
Part Number	Mount	Material
R4-90-101-10	Perpendicular	Steel, Zinc Plated
R4-90-101-15	Perpendicular	Steel, Black Zinc Nickel Plated
R4-90-101-77	Perpendicular	Steel, Zinc Nickel Plated
R4-90-102-10	Parallel	Steel, Zinc Plated
R4-90-102-15	Parallel	Steel, Black Zinc Nickel Plated
R4-90-102-77	Parallel	Steel, Zinc Nickel Plated

Wire Form Strikers -Integrated Bumper Ø9 (.35)		
Part Number	Mount	Material
R4-90-104-10	Perpendicular	Steel, Zinc Plated
R4-90-104-15	Perpendicular	Steel, Black Zinc Nickel Plated
R4-90-104-77	Perpendicular	Steel, Zinc Nickel Plated
R4-90-106-10	Parallel	Steel, Zinc Plated
R4-90-106-15	Parallel	Steel, Black Zinc Nickel Plated
R4-90-106-77	Parallel	Steel, Zinc Nickel Plated