Electric Trip Lever Switch
Model 4395A/B

Typical applications

- Replaces the pneumatic Model 4095
- Connecting rod bearing temperature detectors
- Stroke or reach limit detection
- Broken piston rod indication
- Typically used with AMOT Model 4102D Temperature Detector

Model 4395B

Key features and benefits

- Gulfproofed aluminum construction
- No adjustments required
- Environmentally sealed UL/CSA listed microswitch
- No adjustments required
- ½ NPT conduit connection or liquid tight tub

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Electric Trip Lever Switch - Model 4395A/B

Operation

AMOT Model 4395 Electric Trip Lever Switch is designed for manual or mechanical tripping applications where a manual reset is desired. The unit can be mounted in any position and requires a minimal force to activate.

For example, when an AMOT Model 4102 bearing temperature detector reaches a high enough temperature, the trip element will extend to brush the Model 4395 trip lever switch and cause a shutdown.

This device is designed to physically replace the AMOT Model 4095 2-Way Vent Valve, when converting from pneumatic to electric/electronic controls.

Installation

Mounting:

Model 4395 can be mounted in any position. Mounting bracket may be required for most installations.

Checking:

Check switch for operation by manually moving the trip lever between armed and unarmed positions while checking for continuity or alarm indication.

Wire color codes:

Color	Code description
Black	Common
Red	Normally open (N.O)
White	Normally closed (N.C)
Green	Grounded to switch body
**All wiring should be in accordance with the governing electrical codes.	

Electric Trip Lever Switch - Model 4395A/B

How to Order

Use the table below to select the unique specification of your Model 4395 Electrical Trip Lever Switch.

Example	4395	A	A	1	2	B	0	-AA	**Code description**	**Comments**
									Basic model (A)	
Basic model (A)	4395									
									Model type (B)	
Model type (B)		A							General purpose	
		B							Explosion proof	CSA: Class 1, Div 1, Groups B, C & D
									Revision level (C)	
Revision level (C)			A						Current revision	
									Strike lever (D)	
Strike lever (D)				0					Standard width	
				1					Extended width	
									Switch contacts (E)	
Switch contacts (E)					1				Gold	
					2				Silver	
									Electrical connection & wire length (F)	
									Electrical connection	**Wire length**
Electrical connection & wire length (F)						A			½" FNPT	18 in (46 cm)
						B			½" FNPT	15 ft (4.6 m)
						C			½" FNPT	25 ft (7.6 m)
						D			Non metallic hub*	18 in (46 cm)
						E			Non metallic hub*	15 ft (4.6 m)
						F			Non metallic hub*	25 ft (7.6 m)
									Wire type (G)	
Wire type (G)							0		AWG 22/3, teflon insulated, silicone jacket	
									Customer special requirements (H)	
Customer special requirements (H)								-AA	Standard	May be omitted
								-***	Made-to-order	

* Liquid tight hub with Buna N/Nitrile seal. For use with general purpose switch ONLY.

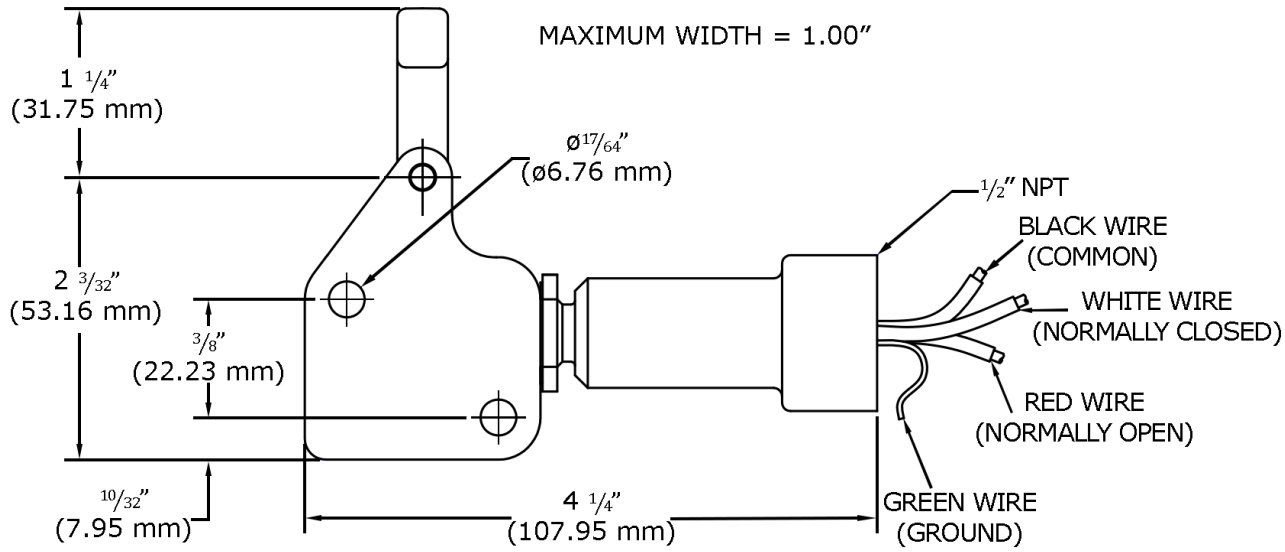
Electric Trip Lever Switch - Model 4395A/B

Specification

		Metric units	English units
Model	4395A - General purpose		
	4395B - Explosion proof		
Body material	Gulfproofed aluminum		
Electrical switch body	Gulfproofed aluminum		
Connections	½ FNPT or non-metallic hub		
Maximum ambient temperature		150°C	300°F
Internal microswitch	Contact arrangement	SPDT	
	Design temperature	-55°C - 205°C	-65°F - 400°F
	Gold contacts	1A @ 125VAC/28VDC maximum	
	Silver contacts	7A @ 250VAC/28VDC maximum	
Switch approvals	Explosion proof: CSA, Class 1, Div 1, Groups B, C & D		
	Suitable for Div 1 hazardous area installation with Intrinsically Safe Circuits (I.S.)		
Wire type	Shielded 3 conductor 22 gauge, teflon sheathed, silicone rubber jacket		
Wire length		457, 4572, 7620 mm	18 in., 15 ft., 25ft.
Force to trip lever		0.79 kgf	1.75 lbf
Net weight		0.23 kg	0.5 lb

Dimensions

Dimensions - inches (mm)

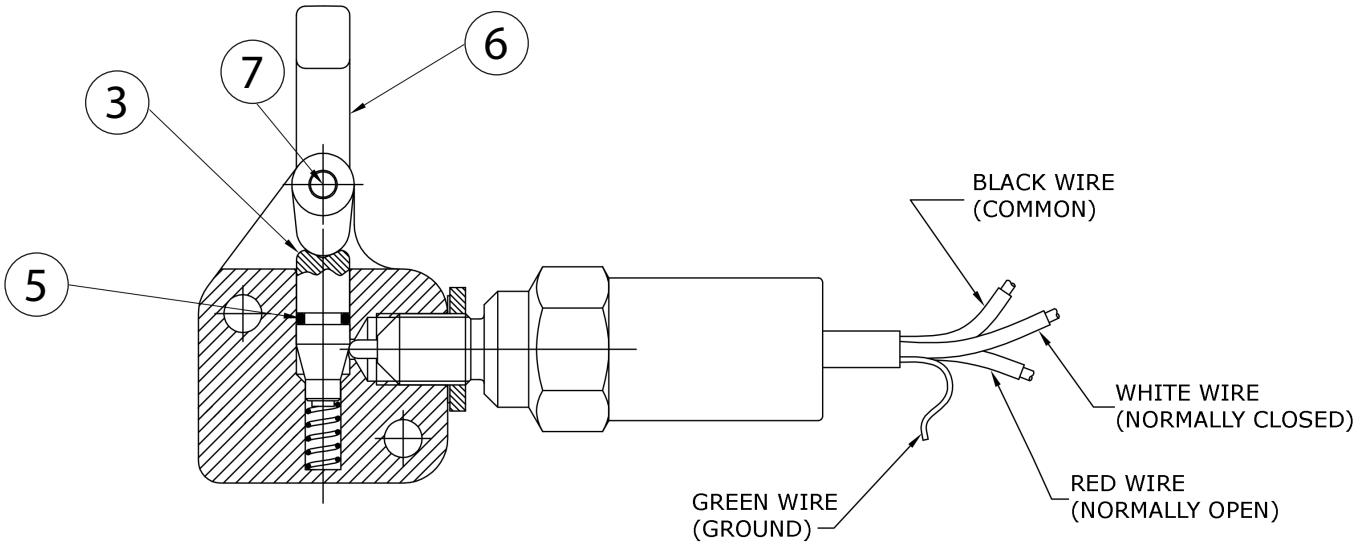


Maintenance and Service Parts

Over time, exposure to foreign chemicals and particulate matter as well as prolonged operation at extreme conditions may reduce the effectiveness of the switch. At such time, AMOT Electric Trip Lever Switches can be restored to original performance by replacing the service parts. Service parts for AMOT Electric Trip Lever Switches include a new seal required for normal maintenance. Please order service parts using the part numbers, quantities and descriptions given in the service parts table below.

AMOT designs and tests all its products to ensure that high quality standards are met. For good product life, carefully follow AMOT's installation and maintenance instructions; failure to do so could result in damage to the equipment being protected or controlled.

Service parts			
Ref no.	**Part no.**	**Qty.**	**AMOT part description**
5	1625L001	1	O Ring Viton
-	ISB-4395-001	1	4395A/B Installation and Service Bulletin



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⚠ WARNING

This product can expose you to chemicals including Lead, which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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