

# 09 Rugged Outdoor Switch

## Rugged Outdoor Switch



### Product options

- 12V – 48V non illuminated or 24V illuminated, 1 NO magnetic reed switch
- Lens colours: Black, red, yellow, green, blue
- Marking: without, black, white
- With or without dot illumination

### Mechanical characteristics

- Actuation force: approx. 25N
- Mechanical lifetime: up to 1 million cycles of operation
- Momentary action

### Electrical characteristics

- Operating voltage range: 12–48VDC (24V non illuminated) 24VDC (24V illuminated)
- Max. current: 0.5A
- Max. power: 10W-VA
- Max. switching voltage: 24VDC (illuminated) 48VDC (non illuminated)

### Illumination

- LED dot illumination, colour red

### Symbols

- Customer-specific symbols on request

### Connections/interfaces

- 1.5 Series Amp Superseal 3 Pin connector

### Ambient conditions

- Operating temperature –20°C ... +100°C
- Storage temperature –20°C ... +100°C

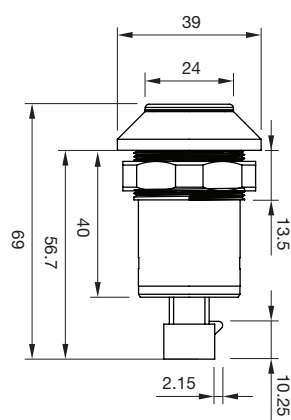
### Protection degree

- up to IP67 (electronics, front lens and rear superseal connector)

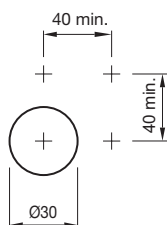
### Approvals and conformities

- CE, RoHS, REACH
- ISO 10605:2023 Road Vehicles Test for electrical disturbances from ESD

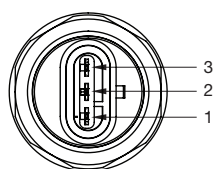
### Dimensions (mm)



### Mounting cut-outs (mm)

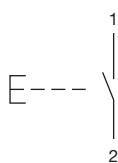


### Component layout

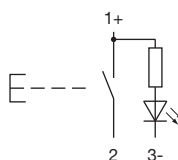


### Wiring diagram

#### non illuminated











#### illuminated



# Rugged Outdoor Switch



**Rugged Outdoor Switch,  
Front dimension Ø 39 mm**

Front dimension	Lens colour	Symbol	Marking symbol colour	Type of illumination	Illuminative colour	Contacts	
Ø 39 mm	Black	No Symbol		non illuminated	none	1 NO	09-RS.1101.0000.M000
	Black	Bell 	White	non illuminated	none	1 NO	09-RS.1101.0900.M005
	Black	Arrow 	White	non illuminated	none	1 NO	09-RS.1101.0900.M006
	Black	Dead man 	White	non illuminated	none	1 NO	09-RS.1101.0900.M007
	Black	Pistol 	White	non illuminated	none	1 NO	09-RS.1101.0900.M008
	Red	No Symbol		non illuminated	none	1 NO	09-RS.1101.2000.M000
	Red	STOP 	White	non illuminated	none	1 NO	09-RS.1101.2900.M004
	Zinc yellow	No Symbol		non illuminated	none	1 NO	09-RS.1101.4000.M000
	Zinc yellow	PTO 	Black	non illuminated	none	1 NO	09-RS.1101.4100.M001
	Light green	No Symbol		non illuminated	none	1 NO	09-RS.1101.5000.M000
	Light green	Lower 	Black	non illuminated	none	1 NO	09-RS.1101.5100.M003
	Blue	No Symbol		non illuminated	none	1 NO	09-RS.1101.6000.M000
	Blue	Extend arm 	Black	non illuminated	none	1 NO	09-RS.1101.6100.M002
	Black	No Symbol		illuminated	Red	1 NO	09-RS.1203.0022.M000
	Red	No Symbol		illuminated	Red	1 NO	09-RS.1203.2022.M000
	Zinc yellow	No Symbol		illuminated	Red	1 NO	09-RS.1203.4022.M000
	Light green	No Symbol		illuminated	Red	1 NO	09-RS.1203.5022.M000
	Blue	No Symbol		illuminated	Red	1 NO	09-RS.1203.6022.M000