

75940 Series

32V DC 300A SPST Battery Master Disconnect Switch



75940-01

75940-02

75940-03

Description

With a patented weld breaker safety feature and integrated lockout/tagout, the 75940-Series Battery Master Disconnect Switch is designed for safely cutting off battery power to all electrical systems aboard heavy-duty vehicles and equipment used in mining, agriculture, construction, and transportation.

This single-pole, single throw (SPST) manual battery disconnect switch is constructed with a robust engineered polymer housing, offering a contemporary design that stands up to the harsh conditions typically found in commercial vehicle environments. Carrying an IP67/IPX9K rating, the switch is protected against dust, debris, and water.

Features and Benefits

- Continuous current rating of 200A with 90mm² cables and 300A with 120 mm² cables on main contact and 10A with 2.5mm² cables on auxiliary contact
- Inrush current rating of 500A per 60s at 23 °C and 1,000A per 15s at 23 °C on main contact and 20A per 180s at 23 °C on auxiliary contact
- Single-pole, single-throw (SPST)
- Engineered polymer design is protected against dust, debris, and water to an IP67/IPX9K rating
- Removable handle available in red, yellow, or black with hole accepting up to 6.5mm lockout/tagout shackle
- Patented weld breaker safety feature
- Built-in lockout/tagout

Web Resources

Download datasheet, 2D print, 3D model and more at: [Littelfuse.com/75940](https://www.littelfuse.com/75940)

Specifications

Max Voltage Rating:	32V DC
Main Contact:	
Continuous Current Ratings:	200A with 90mm ² cables 300A with 120mm ² cables
Inrush Current Rating:	500A per 60s at 23 °C 1,000A per 15s at 23 °C
Auxiliary Contact:	
Continuous Current Ratings:	20A per 180s at 23 °C
Inrush Current Rating:	10A with 2.5mm ²
Actuator:	Removable Handle
Housing:	Engineered Polymer
Circuitry:	SPST
Contacts:	Copper
Hardware:	Stainless Steel
Ingress Protection:	IP67 / IPX9K
ISO Standard:	16750-4
Mounting Hole Dimensions :	Ø20.6mm (Ø0.81") + locking 2* hole Ø8.5mm (Ø0.33") at 41mm (1.61")
Mounting Hole/Stem:	Pass through 1 hole, Ø18.2mm
Output Terminals:	2 x M10
Recommended Torque:	M10, 18 ± 2Nm
Operating Temp:	-40°C to + 85°C
Terminal size:	M10 x 90mm ²

Applications

- Mining
- Agricultural
- Construction
- Transportation
- Emergency Vehicle
- Forestry

Ordering Information

BULK PACKAGING	BLISTER PACKAGING	DESCRIPTION
75940-01	75940-01-BP	Battery Disconnect Switch/Integrated Lockout/Tagout - Red
75940-02	75940-02-BP	Battery Disconnect Switch/Integrated Lockout/Tagout - Yellow
75940-03	75940-03-BP	Battery Disconnect Switch/Integrated Lockout/Tagout - Black