

# 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 90mm<sup>2</sup> cables and 300A with 120 mm<sup>2</sup> cables on main contact and 10A with 2.5mm<sup>2</sup> 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

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

### 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