MASTER DISCONNECT SWITCH 70VDC

Littelfuse

70V IPX8

The 75920 Series 70V Master Battery Disconnect switch is designed to protect the battery and electrical systems in your off road, emergency vehicle, construction equipment, tractor, heavy duty truck or boat. The switch protects vehicles from battery drain from parasitic loads and theft. It also serves as an effective manual emergency power cutoff switch.

Features

- Built-in lock-out/tag-out (LOTO) satisfies OSHA requirements for an energy isolation device.
- 90° switch travel makes it easy to identify the switch position.
- Large divider on base prevents accidental shorting of high energy cables.
- Fits standard Master Disconnect mounting pattern.
- Can be used in high side or low side applications.
- Waterproof and dust proof to IPX8.
- Composite engineered polymer housing will not rust or corrode.
- Tested per SAE 1455 for salt, calcium chloride and magnesium chloride.
- Large knob is easy to operate with gloves.



Lock-Out Feature

Part Number	Circuitry	Ingress Rating	Mount	Studs	Switch Pos Symbol	Feature	Actuator Colour
75920	SPST	IPX8	Panel	3/8"-24	ON / OFF	Lockout	Red
75920-01	SPST	IPX8	Panel	3/8"-24	ON / OFF	Lockout	Yellow
75921-02	SPST	IPX8	Panel	M10	I/0	Lockout	Black

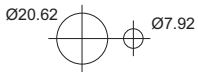
Current / Cycle Life Rating Continuous:
400A @ 24V with 105mm² (4/0) cable 10,000cycles.
500A @ 24V with 200mm² (2x4/0) cable 5,000cycles.
300A @ 70V with 105mm² (4/0) cable 1,500cycles.
500A @ 70V with 200mm² (2x4/0) cable 250cycles.
Intermittent Current: At 12V all, 5 cycles:
1,000A, 90sec on, 5 min off.
1,500A, 60sec on, 5 min off.
2,000A, 30sec on, 5 min off.
3,000A, 15sec on, 5 min off.
Operating Temperature: -40 to 85 degC
Flammability Rating: UL 94 V-0
Terminal Material: Copper.
Hardware: Stainless steel nuts (included)
Corrosion Test: SAE J1455 for salt calcium and magnesium delivering a rust and corrosion free high amp battery disconnect.
Vibration and Shock Test: SAE J1455
Ingress Protection Rating: IPX8.
Approvals: SAE CE RoHS



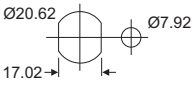


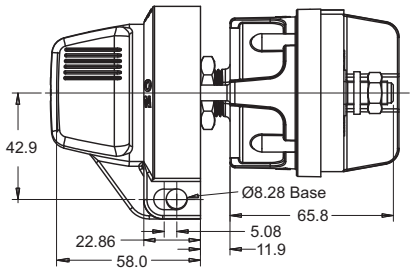


Mounting Diagram #1 Without Panel Punch

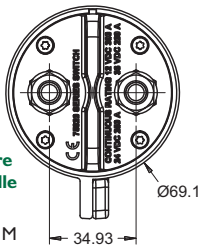


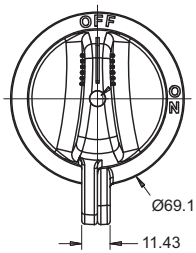
Mounting Diagram #2 With Panel Punch





Lock-Out Feature Hole Ø 8.1 Handle





Dimensions in MM

RELAY + SWITCH