

08084000 & 08084500 BATTERY DISCONNECT SWITCHES

250A-350A-500A • DPST • IP65/IP67/IP69K • M10-M12 Studs • Red Key



Description

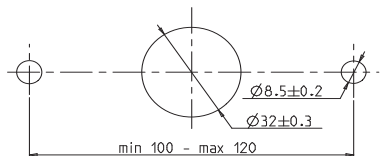
250A-350A-500A bipolar disconnect switch with fixed or removable handle. Modern design, made of high performance materials in terms of resistance to high temperatures, chemical and atmospheric agents. This battery master switch represents an evolution of our expertise and is also supplied in up to 500A DC version. In this range are present two models: from 08084000 to 08084200 without block in the key, also 08084300 to 08084500 with block in the key. It has IP67 water and dust protection and reaches 9K to withstand washing with a high pressure cleaner.

Features/Benefits

- Patented inner mechanism external body made with high performance plastic materials.
- Possibility to make the handle removable or fixed, locking it either OFF or ON position (Smartkey).
- up to 500A continuous current rating
- Waterproof and dustproof to IP65/IP67/IP69K

Mounting Diagram

There are no functionality issues related to installation



Ordering Information

PART NUMBER	VOLTAGE	AMPERAGE	CIRCUITRY	MOUNTING	INGRESS	TERMINAL NUTS	NOTES
08084000	24V DC	250A	DPST	Surface Mount	IP65/IP67/IP69K	M10 nickel-plated brass	
08084100	24V DC	500A	DPST	Surface Mount	IP65/IP67/IP69K	M12 nickel-plated brass	Silver pads
08084200	24V DC	350A	DPST	Surface Mount	IP65/IP67/IP69K	M12 nickel-plated brass	
08084300	24V DC	250A	DPST	Surface Mount	IP65/IP67/IP69K	M10 nickel-plated brass	
08084400	24V DC	500A	DPST	Surface Mount	IP65/IP67/IP69K	M12 nickel-plated brass	Silver pads
08084500	24V DC	350A	DPST	Surface Mount	IP65/IP67/IP69K	M12 nickel-plated brass	

Specifications

Max Operating Voltage:	24V DC
Max Continuous Current:	08084000 & 08084300: 250A 08084200 & 08084500: 350A 08084100 & 08084400: 500A
Intermittent Current:	08084000 & 08084300: 1000A x 10 Sec 08084200 & 08084500: 500A x 30 Sec 1000A x 10 Sec 08084100 & 08084400: 1500A x 10 Sec
Operating Temp:	-40 °C to +85 °C
Ingress Protection:	IP65/IP67/IP69K
Contacts:	Silver Plated Copper
Terminals:	M10 & M12 (nickel-plated brass nuts)

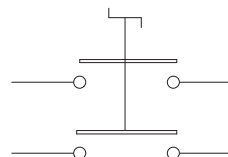
Applications

- Heavy Truck
- Off-Road
- Emergency Vehicles
- Material Handling
- Mining
- Agricultural
- Marine
- Construction

Web Resources

Download technical resources at:
littelfuse.com/ManualBatterySwitches

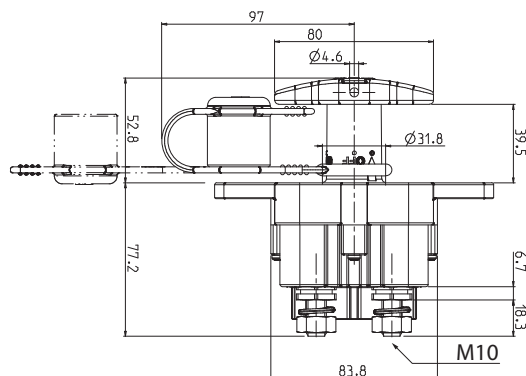
Electrical Diagram



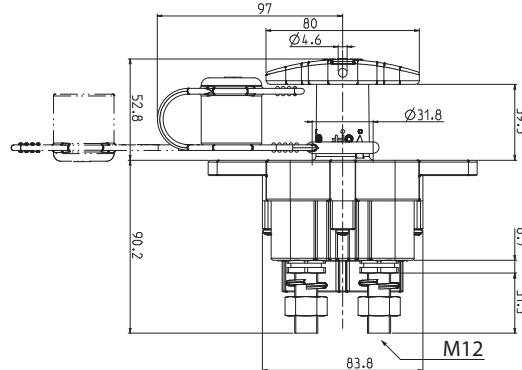
08084000 & 08084500 BATTERY DISCONNECT SWITCHES

Dimensions in millimeters

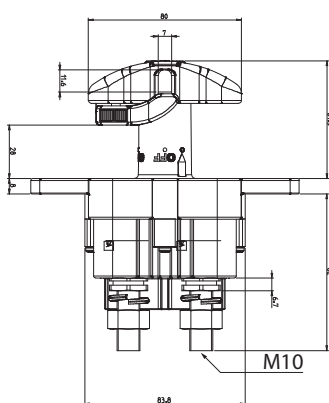
08084000



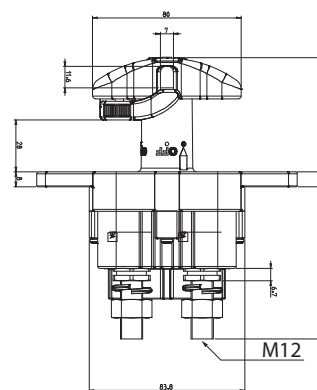
08084100 - 08084200



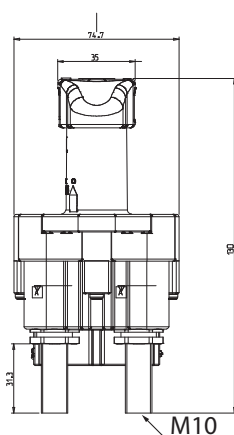
08084300



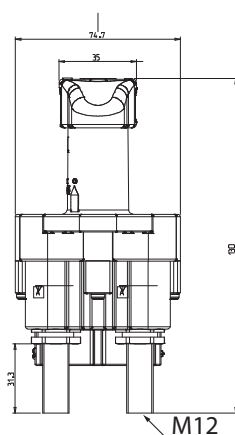
08084400 - 08084500



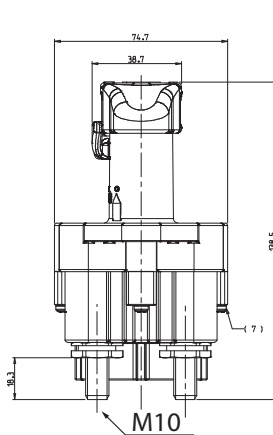
08084000



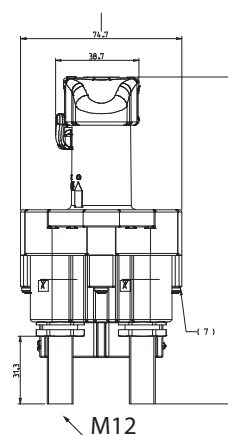
08084100 - 08084200



08084300



08084400 - 08084500



Visit Littelfuse.com for the most up-to-date product information. Littelfuse reserves the right to make product changes, without notice. Material in this document is as accurate as known at the time of publication.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Littelfuse:

[08084000](#) [08084100](#)