

# 08076063 & 08076163 BATTERY DISCONNECT SWITCHES

300A • DPST • IP67-69K • M10 Studs • Bistable mechanic latch • ATEX directive 2014/34/UE



## Specifications

|                                |                           |
|--------------------------------|---------------------------|
| <b>Max Operating Voltage:</b>  | 12V DC-24V DC             |
| <b>Max Continuous Current:</b> | 300A                      |
| <b>Intermittent Current:</b>   | 1500A at 10 sec           |
| <b>Operating Temp:</b>         | -30 °C to +70 °C          |
| <b>Ingress Protection:</b>     | IP67/IP69K                |
| <b>Contacts:</b>               | Silver-plated copper      |
| <b>Terminals:</b>              | M10 (Nickel-plated brass) |

## Applications

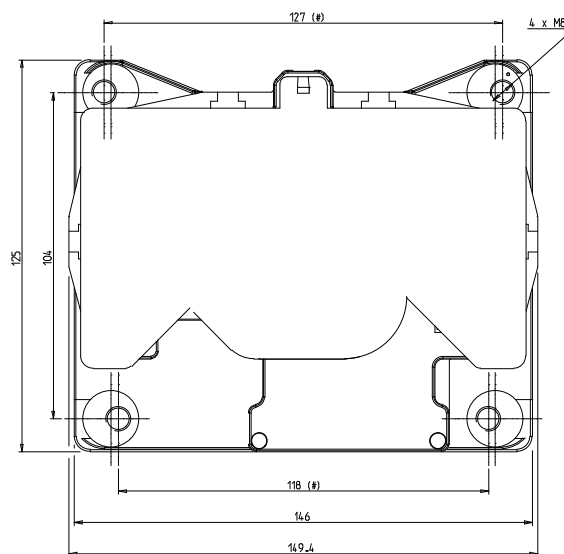
- Heavy trucks
- Marine
- Construction
- Mining
- Military
- Material Handling

## Web Resources

Download technical resources at:

[littelfuse.com/ElectricalBatteryDisconnectSwitches](http://littelfuse.com/ElectricalBatteryDisconnectSwitches)

## Mounting Diagram



## Description

BSAFE is a series of bistable current isolating switches with mechanical ON-OFF position Dual-Pole, positive and negative disconnection 12V and 24V. For use on equipment and protective systems intended for use in potentially explosive atmospheres in the market or in service in all EU member states, the equipment must carry an 'ATEX' certificate required by the directive 2014/34/UE. This directive is more commonly known as the ATEX directive (ATmospheres EXplosives). ATEX Marking is required on equipments permanently energized installed on ADR vehicle.

## Features/Benefits

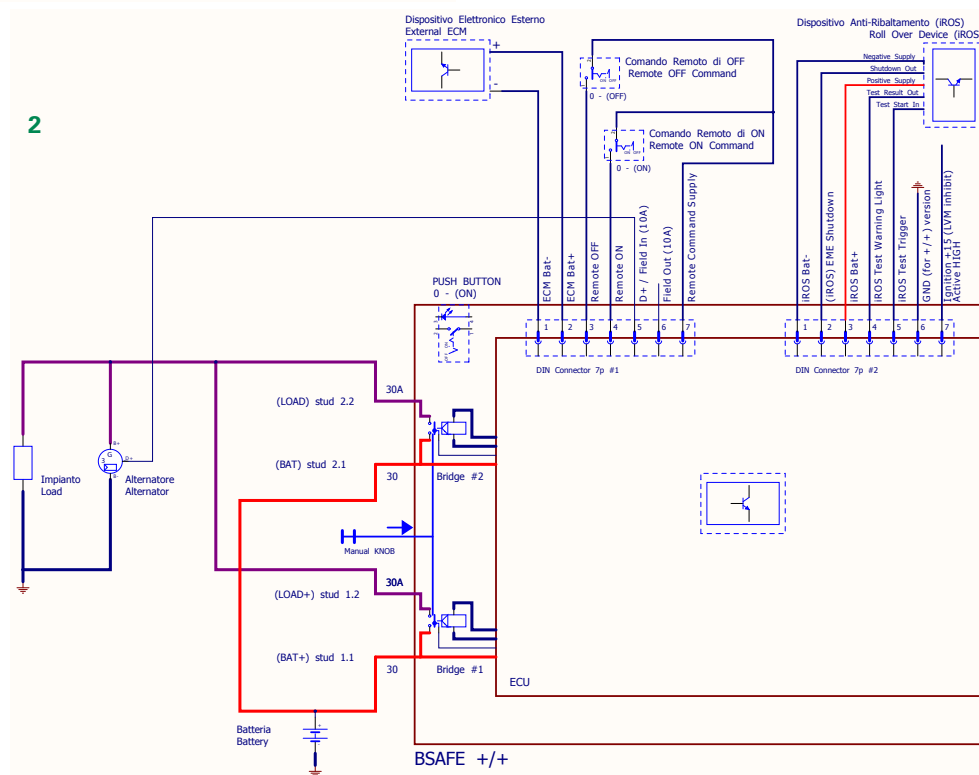
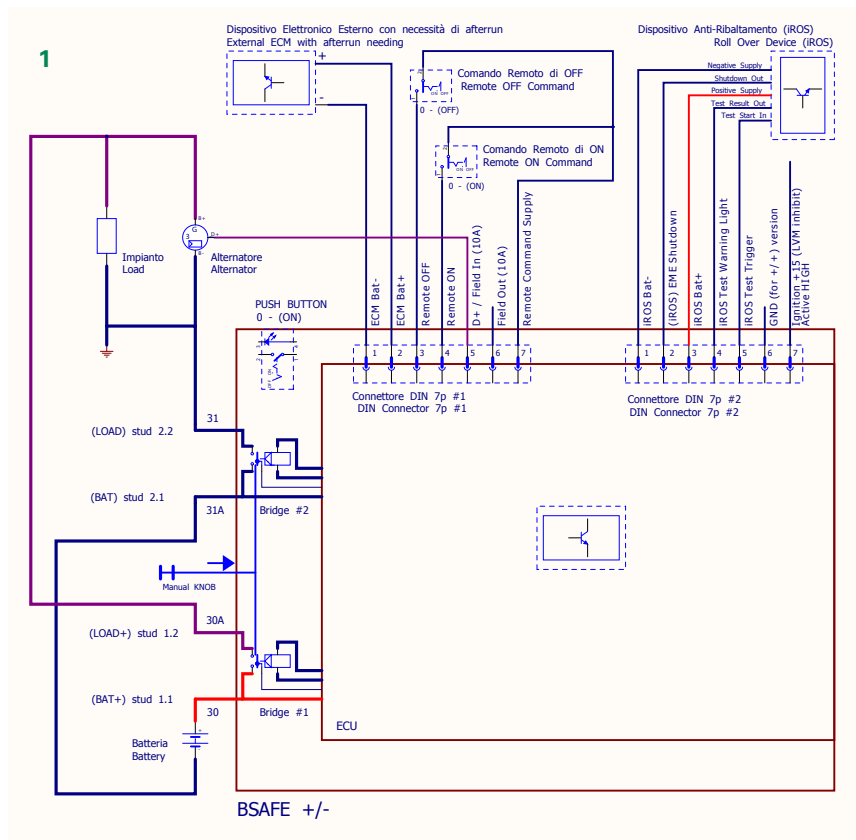
- 300A continuous current rating
- Waterproof IP67/IP69K
- Manual emergency opening
- Lockable during vehicle maintenance
- LED diagnostics for device status

## Ordering Information

| PART NUMBER | VOLTAGE    | AMPERAGE | CIRCUITRY | MOUNTING  | INGRESS    | TERMINAL NUTS           | DIAGRAM | NOTES                             |
|-------------|------------|----------|-----------|-----------|------------|-------------------------|---------|-----------------------------------|
| 08076063    | 12V-24V DC | 300A     | DPST      | Bolt-Down | IP67/IP69K | M10 Silver-plated brass | 1       | Fixed Handle<br>+/- disconnection |
| 08076163    | 12V-24V DC | 300A     | DPST      | Bolt-Down | IP67/IP69K | M10 Silver-plated brass | 2       | Fixed Handle<br>+/- disconnection |

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## Electrical Diagram



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### Dimensions in millimeters

