

# 08099100 SERIES

## 24V 250A WATERPROOF SINGLE-POLE IVECO-STYLE MASTER BATTERY DISCONNECT SWITCH



08099100

### Description

When you need a heavy-duty battery cutoff switch or a replacement for an IVECO-style battery disconnect switch, you can rely on the 08099100 Series 24V 250A Waterproof Single-Pole IVECO-Style Master Battery Disconnect Switch to perform in harsh environments.

Featuring a fixed handle and an IP65/X9K dust-tight, waterproof rating, this low-voltage disconnect switch is ideal for use in heavy-duty trucks, mining equipment, off-road vehicles, emergency vehicles, agricultural equipment, and material handling equipment.

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/08099100](https://www.littelfuse.com/08099100)

### Specifications

|                                       |                           |
|---------------------------------------|---------------------------|
| <b>Max Voltage:</b>                   | 24V                       |
| <b>Max Continuous Current Rating:</b> | 250A                      |
| <b>Current Inrush Rating:</b>         | 2500A /1500A              |
| <b>Operating Temp Range:</b>          | -40°C / +85°C             |
| <b>Ingress Protection:</b>            | IP65/X9K                  |
| <b>Mounting Method:</b>               | Pass-through              |
| <b>Mounting Hole:</b>                 | Ø30.5 + locking hole Ø4.3 |
| <b>Circuitry:</b>                     | SPST                      |
| <b>Housing:</b>                       | AL and Bakelite           |

### Applications

- Heavy-Duty Trucks
- Mining
- Off-Road Vehicles
- Emergency Vehicles
- Material Handling
- Agricultural

### Features and Benefits

- 24V battery disconnect switch with single-pole, single-throw (SPST) circuitry
- Rugged body with an IP65/X9K dust-tight, waterproof rating for heavy-duty commercial applications
- Interchangeable with various IVECO-style master battery disconnect switches, including IVECO 4822229 (part number 08099100) and IVECO 500362400 (part number 08099170)
- Available with a fixed aluminum or fixed red handle
- M10 terminals with brass nuts
- Select models are available with protective thermoplastic boots

| PART NUMBER | DESCRIPTION  | ACTUATOR | MOUNTING STEM | OUTPUT TERMINAL | NORMAL POSITION |
|-------------|--|----------|---------------|-----------------|-----------------|
| 08099100    | 24V 250A Waterproof Single-Pole IVECO-Style Master Battery Disconnect Switch with Fixed Aluminum Handle                    | Handle   | M30x1.5       | 2xM10           | OFF             |
| 08099164    | 24V 250A Waterproof Single-Pole IVECO-Style Master Battery Disconnect Switch with Fixed Aluminum Handle and Low Nuts       | Handle   | M30x1.5       | 2xM10           | OFF             |
| 08099166    | 24V 250A Waterproof Single-Pole IVECO-Style Master Battery Disconnect Switch with Fixed Red Handle                         | Handle   | M30x1.5       | 2xM10           | OFF             |
| 08099169    | 24V 250A Waterproof Single-Pole IVECO-Style Master Battery Disconnect Switch with Fixed Aluminum Handle                    | Handle   | M30x1.5       | 2xM10           | OFF             |
| 08099170    | 24V 250A Waterproof Single-Pole IVECO-Style Master Battery Disconnect Switch with Fixed Aluminum Handle & Protective Boots | Handle   | M30x1.5       | 2xM10           | OFF             |
| 08099171    | 24V 250A Waterproof Single-Pole IVECO-Style Master Battery Disconnect Switch with Fixed Red Handle                         | Handle   | M30x1.5       | 2xM10           | OFF             |
| 10822400    | 24V 250A Waterproof Single-Pole IVECO-Style Master Battery Disconnect Switch with Fixed Handle                             | Handle   | M30x1.5       | 2xM10           | OFF             |