

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

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