

# 08096500 SERIES

## 32V 250A ELECTRONIC SPST ADR REMOTE BATTERY DISCONNECT SWITCH



08096500

### Description

Designed for ADR-equipped vehicles in accordance with ADR regulations on the subject of road transport of dangerous materials, the 08096500 Series 32V 250A Electronic SPST ADR Remote Battery Disconnect Switch is ideal for material handling, emergency vehicles, heavy trucks, and other commercial vehicles.

In the event of a short circuit, the electronic control unit of the battery isolator relay detects the drop of voltage and immediately commands the opening of the contacts and the disconnection of the battery to protect the electric and electronic devices fitted to the vehicle.

The electronic battery isolator switch comes with an IP65 dust-tight, splash-resistant rating and is available with positive or negative disconnection.

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/08096500](http://littelfuse.com/08096500)

### Ordering Information

| PART NUMBER | DESCRIPTION                                                                               | INPUT TERMINALS | OUTPUT TERMINAL |
|-------------|-------------------------------------------------------------------------------------------|-----------------|-----------------|
| 08095900    | 32V 250A Electronic SPST ADR Remote Battery Disconnect Switch with Negative Disconnection | M10             | M10             |
| 08096562    | 32V 250A Electronic SPST ADR Remote Battery Disconnect Switch with Positive Disconnection | M10             | M12             |

### Specifications

|                                                  |                         |
|--------------------------------------------------|-------------------------|
| <b>Max Continuous Voltage:</b>                   | 32V                     |
| <b>Current Rating Continuous in Amps:</b>        | 250A                    |
| <b>Coil Voltage:</b>                             | 24V                     |
| <b>Operating Temp Range:</b>                     | -40°C / +85°C           |
| <b>Ingress Protection:</b>                       | IP65                    |
| <b>Auxiliary Contacts:</b>                       | 1x16A                   |
| <b>Connector:</b>                                | 8-Way Circular          |
| <b>Circuitry:</b>                                | SPST                    |
| <b>Housing:</b>                                  | Plastic + Thermosetting |
| <b>Hardware:</b>                                 | Brass                   |
| <b>Short Term (Intermittent) Current Rating:</b> | 1500 (60sec)            |
| <b>Max Short Circuit Current:</b>                | 2000A (30sec)           |

### Applications

- Material Handling
- Ambulances
- Heavy Trucks
- Construction
- Buses

### Features and Benefits

- Continuous current rating of 250A, intermittent current rating of 1500A for 60 seconds, and short circuit rating of 2000A for 30 seconds enable use in high-current applications
- Designed specifically for ADR-equipped vehicles in accordance with ADR regulations on the subject of road transport of dangerous materials
- Protected against dust and water splashes to IP65 standards
- Remote-controlled battery disconnect with 8-way circular connector
- Single-pole, single-throw (SPST) circuitry
- Available with positive or negative disconnection
- 24V coil rating
- 16A auxiliary contact
- 55-second time delay