

# LAS SERIES

## 24V COMPACT SPST MANUAL BATTERY DISCONNECT SWITCH



08098700



08099000

### Description

Ideal for low-amp, low-voltage applications in off-road and construction vehicles and agricultural and marine equipment, the LAS Series 24V Compact SPST Manual Battery Disconnect Switch is available with M8 studs and a 100A continuous current rating or M10 studs and a 150A continuous current rating.

This battery disconnect switch features a compact design with pass-through mounting for installation where space is limited.

The removable, red handle is easy to see and helps ensure safe operation of the compact battery switch by authorized personnel. Select models come with a rubber cap that provides protection when the actuator is removed.

### Web Resources

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

### Ordering Information

| PART NUMBER | DESCRIPTION  | ACTUATOR     | IGNITION PROTECTION | OUTPUT TERMINAL | NORMAL POSITION |
|-------------|--|--------------|---------------------|-----------------|-----------------|
| 08098700    | 24V 100A Compact SPST Manual Battery Disconnect Switch                         | key          | -                   | 2xM8            | OFF             |
| 08098700-BP | 24V 100A Compact SPST Manual Battery Disconnect Switch                         | key          | -                   | 2xM8            | OFF             |
| 08098700-BX | 24V 100A Compact SPST Manual Battery Disconnect Switch                         | key          | -                   | 2xM8            | OFF             |
| 08098771    | 24V 100A Compact SPST Manual Battery Disconnect Switch - Actuator Not Included | not supplied | -                   | 2xM8            | OUT (OFF)       |
| 08098780    | 24V 150A Compact SPST Manual Battery Disconnect Switch                         | key          | -                   | 2xM10           | OFF             |
| 08098780-BP | 24V 150A Compact SPST Manual Battery Disconnect Switch                         | key          | -                   | 2xM10           | OFF             |
| 08098780-BX | 24V 150A Compact SPST Manual Battery Disconnect Switch                         | key          | -                   | 2xM10           | OFF             |
| 08098781    | 24V 150A Compact SPST Manual Battery Disconnect Switch with Removable T-Handle | key          | -                   | 2xM10           | OFF             |
| 08098790    | 24V 100A Compact SPST Manual Battery Disconnect Switch                         | key          | -                   | 2xM8            | OFF             |
| 08098791    | 24V 100A Compact SPST Manual Battery Disconnect Switch with UL94 V-0 Rating    | key          | VO                  | 2xM8            | OFF             |
| 08099000    | 24V 100A Compact SPST Manual Battery Disconnect Switch with Rubber Cap         | key          | -                   | 2xM8            | OUT (OFF)       |
| 08099080    | 24V 150A Compact SPST Manual Battery Disconnect Switch with Rubber Cap         | key          | -                   | 2xM10           | OUT (OFF)       |
| 08099080-BP | 24V 150A Compact SPST Manual Battery Disconnect Switch with Rubber Cap         | key          | -                   | 2xM10           | OUT (OFF)       |
| 08099080-BX | 24V 150A Compact SPST Manual Battery Disconnect Switch with Rubber Cap         | key          | -                   | 2xM10           | OUT (OFF)       |
| 08099090    | 24V 100A Compact SPST Manual Battery Disconnect Switch                         | key          | -                   | 2xM8            | OUT (OFF)       |

### Specifications

|                                       |                              |
|---------------------------------------|------------------------------|
| <b>Max Continuous Voltage:</b>        | 24V                          |
| <b>Max Continuous Current Rating:</b> | 100A, 150A                   |
| <b>Current Inrush Rating:</b>         | 500A, 1000A                  |
| <b>Operating Temp Range:</b>          | -40°C / +80°C, -40°C / +85°C |
| <b>Ingress Protection:</b>            | IP43                         |
| <b>Mounting Method:</b>               | Pass-through                 |
| <b>Mounting Hole:</b>                 | 2 * Ø6.5mm + 1 * Ø24mm       |
| <b>Mounting Stem:</b>                 | Ø22mm                        |
| <b>Circuitry:</b>                     | SPST                         |

### Applications

- Off-Road Vehicles
- Agricultural
- Construction
- Heavy-Duty Trucks
- Marine

### Features and Benefits

- 24V low-voltage disconnect switch with single-pole, single-throw (SPST) circuitry
- Available with 100A (M8 studs) or 150A (M10 studs) continuous current rating to match your low-amp application
- Compact design enables pass-through installation in equipment and vehicles with limited space
- Removable, red handle is highly visible and helps ensure safe operation
- Rubber cap on select models protects the battery cutoff switch when the handle is removed
- Weatherproof to IP43 standards