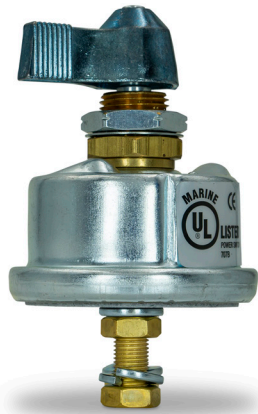


# HEAVY-DUTY SINGLE-POLE SERIES

## Master Battery Disconnect Switches



24024



2484-16



2484-BX



2484-19

### Description

Designed for quickly disconnecting the battery from a vehicle's electrical system, Heavy-Duty Single-Pole Series Master Battery Disconnect Switches help prevent potential thermal events and ensure system shutdown during maintenance for the safety of service personnel.

These Cole Hersee brand master battery disconnect switches also prevent parasitic loads from draining the battery during periods of inactivity, such as long-term or seasonal vehicle storage.

Featuring heavy-duty, plated-steel housing and options for O-ring and gasket sealing, these master disconnect switches are ideal for heavy-duty truck, construction, emergency vehicle, bus and transit, and agricultural applications.

### Web Resources

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

### Specifications

|                                       |   |
|---------------------------------------|---|
| <b>Max Voltage Rating Continuous:</b> | 175 A, 40 A at 6 VDC, 20 A at 12 VDC, 175 A at 6-36 VDC     |
| <b>Max Voltage Rating:</b>            | 12 VDC, 24 VDC, 36 VDC                                      |
| <b>Intermittent Current:</b>          | 1000 A, 250 A at 6 VDC, 125 A at 12 VDC, 1000 A at 6-36 VDC |
| <b>Operating Temp Range:</b>          | -40 °C to +80 °C  |
| <b>Ingress Protection:</b>            | IP54 / IPX7   |
| <b>Mounting Stem:</b>                 | 3/4"-16   |
| <b>Mounting Hole:</b>                 | Through Hole  |
| <b>Circuitry:</b>                     | SPST  |

### Applications

- Heavy-Duty Trucks
- Construction
- Emergency Vehicles
- Agriculture
- Bus & Transit

### Features and Benefits

- Available with a maximum voltage rating of 12 VDC, 24 VDC, or 36 VDC
- Options include models with a continuous current rating of either 175 A or 40 A at 6 VDC and 20 A at 12 VDC
- Heavy-duty, plated-steel housing is ideal for construction, agricultural, and commercial vehicle applications
- Single-pole, single-throw (SPST) circuitry for disconnecting a battery from a vehicle electrical system
- Available with brass, copper, or silver-plated contacts for high conductivity and low contact resistance
- Actuator options include chrome-plated or die-cast levers for ease of operation and removable Hencol keys for added security
- O-ring and gasket sealing options are available for weather resistance
- Options with an anti-rotation locator pin are available for simplified mounting
- Compatible with 24505 series lockout lever kits (sold separately), which enable the use of a padlock for safety and security

# HEAVY-DUTY SINGLE-POLE SERIES

## Master Battery Disconnect Switches

### Ordering Information

| PART NUMBER | DESCRIPTION   | INRUSH AMPS TIME PERIOD                      | ACTUATOR    | HARDWARE                                  | HOUSING      |
|-------------|---|--|-------------|---|--------------|
| 24025-03    | 24 V 175 A Master Battery Disconnect Switch with Copper Studs and IP67 Rating   | N/A  | Lever       | 4x Hex Nut 3/8"-24<br>4x Lock Washer 3/8" | Plated Steel |
| 24025-04    | 24 V 175 A Master Battery Disconnect Switch with Silver Contacts and IP67 Rating                                      | N/A  | Lever       | 4x Hex Nut 3/8"-24<br>4x Lock Washer 3/8" | Plated Steel |
| 24024       | 36 V 175 A Master Battery Disconnect Switch with Key, Silver Contacts & IPX7 Rating                                   | N/A  | Metal Key   | N/A                                       | Plated Steel |
| 2484        | 12 V Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts   | 15 seconds ON, 5 minutes OFF for 1000 cycles | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-BX     | 12 V Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts - Boxed                                 | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-BP     | 12 V Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts - Blister Pack                          | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-02     | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys and Silver Contacts                                      | 15 seconds ON, 5 minutes OFF for 1000 cycles | Key, Ringed | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-02-BX  | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys and Silver Contacts - Boxed                              | 15 seconds ON, 5 minutes OFF for 1000 cycles | Key, Ringed | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-03     | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys, Silver Contacts & O-Ring Seal                           | 15 seconds ON, 5 minutes OFF for 1000 cycles | Key, Ringed | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-03-BX  | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys, Silver Contacts & O-Ring Seal - Boxed                   | 15 seconds ON, 5 minutes OFF for 1000 cycles | Key, Ringed | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-05     | 36 V 175 A Master Battery Disconnect Switch with Chrome Plated Lever and Silver Contacts                              | 15 seconds ON, 5 minutes OFF for 1000 cycles | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-06     | 36 V 175 A Master Battery Disconnect Switch with Die-Cast Lever, Silver Contacts & IPX7 Rating                        | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-06-BX  | 36 V 175 A Master Battery Disconnect Switch with Die-Cast Lever, Silver Contacts & IPX7 Rating - Boxed                | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-09     | 36 V 175 A Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts                                   | 15 seconds ON, 5 minutes OFF for 1000 cycles | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-09-BX  | 36 V 175 A Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts - Boxed                           | 15 seconds ON, 5 minutes OFF for 1000 cycles | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-16     | 36 V 175 A Ignition Protected Master Battery Disconnect Switch with Die-Cast Lever and Silver Contacts                | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-16-BX  | 36 V 175 A Ignition Protected Master Battery Disconnect Switch with Die-Cast Lever and Silver Contacts - Boxed        | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-19     | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys, Silver Contacts & IPX7 Rating                           | 15 seconds ON, 5 minutes OFF                 | Key, Ringed | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-19-BX  | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys, Silver Contacts & IPX7 Rating - Boxed                   | 15 seconds ON, 5 minutes OFF                 | Key, Ringed | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-51     | 36 V 175 A Master Battery Disconnect Switch with Shaft and Silver Contacts  | 15 seconds ON, 5 minutes OFF for 1000 cycles | Shaft       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-A      | 36 V 175 A Master Battery Disconnect Switch with Lever and Silver Contacts  | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-A-BX   | 36 V 175 A Master Battery Disconnect Switch with Lever and Silver Contacts - Boxed                                    | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-16-BP  | 36 V 175 A Ignition Protected Master Battery Disconnect Switch with Die-Cast Lever and Silver Contacts - Blister Pack | 15 seconds ON, 5 minutes OFF                 | Lever       | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |
| 2484-43     | 36 V 175 A Master Battery Disconnect Switch with Silver Contacts & IPX7 Rating  | 15 seconds ON, 5 minutes OFF                 | Key         | Lock Washer 3/8"<br>Hex nuts 3/8"-24      | Plated Steel |