

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

Specifications

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

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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 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 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" 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" Hex nuts 3/8"-24	Plated Steel