

GENUINE COLE HERSEE BATTERY MASTER SWITCHES

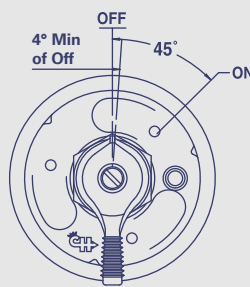
Cole Hersee Battery Master Switches are designed and built to not only withstand harsh mining environments, but also to ensure that when the switch is on or off, it stays on or off—without any chance of it being accidentally switched or deliberately tampered with.

The Original 75910 Series

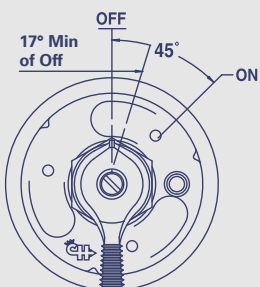
The 75910 battery master switch was developed by ESG Asia Pacific in conjunction with Cole Hersee and major mining corporations, to service specific safety requirements. The 75910 has an extended actuation point to prevent accidental actuation even when a lockout lever is in use. For more features and specifications on this switch please see page 9.



Cole Hersee 75904 with a standard 4° actuation point



Cole Hersee 75910 with an extended 17° actuation point



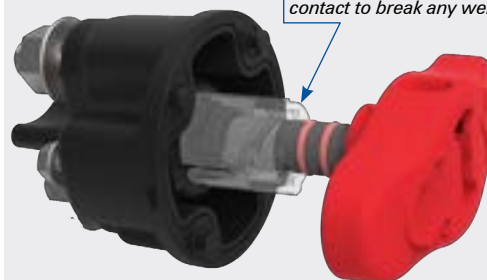
The Latest 75930 Series

The NEW 75930 battery master switch with a patented weld breaker safety feature and integrated lockout/tagout, with Auxiliary Contact is designed for safely cutting off battery power to all electrical systems aboard heavy duty vehicles and equipment used in mining, agriculture, construction, and transportation. This dual-pole, single-throw (DPST) manual battery disconnect switch is constructed with a robust engineered polymer housing, offering a contemporary design that stands up to the harsh conditions typically found in commercial vehicle environments. Carrying an IP67/IPX9K rating, the switch is protected against dust, debris, and water. For more features and specifications on this switch please see page 9.



Patented Weld Breaker

Safety feature functionality exerts force on the moving contact to break any welds that might have developed.



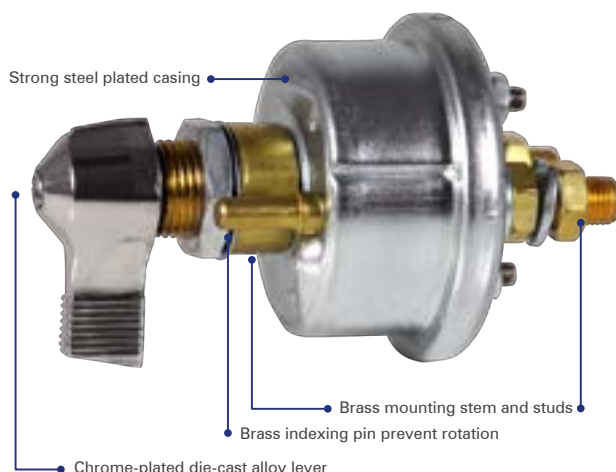
If the weld breaker cannot break the weld, a safety mechanism will prevent the handle from turning to the "OFF" position.

BATTERY MASTER SWITCHES

DPST On/Off Battery and Field Master Silver

75910BX

Australia's most reliable Battery Master Switch was developed by Cole Hersee in conjunction with ESG Asia Pacific and major mining corporations, to service a specific requirement.



Features

- + Silver contacts, chrome lever
- + Weather resistant, O-ring sealed

Specifications

Voltage	6V-36V Multivoltage
Amperage	1000A Int, 125A Cont

Part Numbers

75910BX	Boxed
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DPST On/Off with Weld Breaker Safety Feature

75930



With a patented weld breaker safety feature and integrated lockout/tagout, the 75930-Series Battery Master Disconnect Switch with Auxiliary Contact is designed for safely cutting off battery power to all electrical systems aboard heavy duty vehicles and equipment used in mining, agriculture, construction, and transportation. This dual-pole, single-throw (DPST) manual battery disconnect switch is constructed with a robust engineered polymer housing, offering a contemporary design that stands up to the harsh conditions typically found in commercial vehicle environments.

Features

- Patented weld breaker safety feature.
- Built-in lockout/tagout (LOTO).
- Dual-pole, single-throw (DPST).
- Engineered polymer design with IP67/IPX9K rating.
- Removable handle with a hole for 6.5mm lockout/tagout shackle.
- Continuous current rating of 200A with 90mm² cables and 300A with 120 mm² cables on main contact and 10A with 2.5mm² cables on auxiliary contact
- Inrush current rating of 500A per 60s at 23 °C and 1,000A per 15s at 23 °C on main contact and 20A per 180s at 23°C on auxiliary contact

Specifications

- Max Voltage Rating: 32V DC
- Continuous Current Ratings:
Main Contact: 200A with 90mm² cables
300A with 120mm² cables
- Inrush Current Rating:
Main Contact: 500A per 60s at 23°C
1,000A per 15s at 23°C
- Actuator: Removable Handle
Housing: Engineered Polymer
Circuitry: DPST
Contacts: Copper
- Hardware: Stainless Steel
- Operating Temp: 40°C to + 85°C
- Terminal size: M10 x 90mm²
- Dimensions: H 80 x D 114 x W 67
- Application Heavy Duty, Mining

Lever Part Numbers

- 75930-01-BL Red Lever, Blister
- 75930-02-BL Yellow Lever, Blister
- 75930-03-BL Black Lever, Blister
- 75930-01-B Red Lever, Boxed
- 75930-02-B Yellow Lever, Boxed
- 75930-03-B Black Lever, Boxed

DPST On/Off Battery Master Switch Lockout

24505-01

This Cole Hersee Battery Master Switch will disconnect the battery and the alternator or generator field circuit.

The 75910 Cole Hersee Battery Master Switch is the Australian approved switch by major mining corporations.

For peace of mind use a Cole Hersee lockout lever and flange plate that can accept a padlock to securely lock a Disconnect Switch in the Off position.

Features

- DPST, Silver contacts, chrome lever
- Weather resistant, O-ring sealed
- Field terminals 20A continuous
- Indexing pin aligns switch and prevents rotation
- 2 x Field stud 10-32
- 2 x Battery stud 3/8"-24
- Mounting stem 3/4"-24 thread, L 13mm
- Suits panel thickness to 6.5mm
- Accepts padlocks up to 6mm diameter

Specifications

Voltage	6V-36V Multivoltage
Amperage	1000A Intermittent, 125A Continuous, Small: 20A Cont
Dimensions	H 110 x Ø 67
Configuration	DPST
Modes	On/Off
Application	Heavy Duty, Mining

Lever Part Numbers

- 24505-01B Chrome Lever
- 24505-01RB Red Lever
- 24505-01YB Yellow Lever



Master Battery Disconnect Switch SPST On/Off

75920BX

Features

- Strong black ABS body
- Copper Studs
- Built-in lock-out / tag-out
- Indexing pin aligns switch and prevents rotation
- O-ring seal on mounting shaft
- Red or yellow locking actuator handle
- 2 x Battery studs 3/8"-24
- Mounting stem 3/4"-16 thread, L22mm
- Suits panel thickness 12mm
- IP68 waterproof and dust proof; switch can be mounted in exposed locations

Specifications

Voltage	6V-36V Multivoltage
Amperage	300A Continuous, 1000A to 3000A Intermittent
Dimensions	H 136 x D 86 x W x 70
Configuration	SPST
Modes	On/Off
Application	Heavy Duty, Mining, Agriculture, Marine

Part Numbers

- 75920BX Red Handle
- 75920-01BX Yellow Handle



BATTERY MASTER SWITCHES

SELECTION GUIDE

Part Number	24024	75903	75904	75907	75910
Battery Inputs	1	2	2	2	2
Switch Positions	2	2	2	2	2
Alternator Field Disconnect (AFD)	No	Yes	Yes	Yes	Yes
Make Before Break Contact	No	Yes	Yes	Yes	Yes
Maximum Operating Voltage	36V DC	36V DC	36V DC	36V DC	36V DC
Continuous Rating (studs)	175A	Large: 175A Small: 20A	Large: 175A Small: 20A	Large: 300A Small: 20A	Large: 125A Small: 20A
Intermittent Rating (5 min)	400A	1000A	400A	1000A/20A	800A/20A
Cranking Rating (30 sec)	N/R	1000A	1000A min	1000A/20A min.	800A/20A min
Inrush Rating	400A	1000A	1000A	1000A/20	1000A/20
Cable Size required to Meet Ratings	1/0	2/0	2/0	4/0	2/0
Temperature Range	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C
Terminal Stud Size	3/8"-24	3/4"-16	3/4"-16	3/4"-16	3/4"-16
Terminal Stud Length	0.690" (17.5mm)	0.690" (17.5mm)	0.690" (17.5mm)	0.690" (17.5mm)	0.690" (17.5mm)
Maximum Terminal Stud Torque	8-10 Nm	8-10 Nm	8-10 Nm	8-10 Nm	8-10 Nm
Terminal Stud Material	Brass	Copper	Brass	Copper	Brass
Lock Out/Tag Out	with 24505	with 24505	with 24505	with 24505	with 24505
Actuator	2 Prong Key	Chrome Lever	Chrome Lever	Diecast Lever	Chrome Lever
Ignition Protected	No	No	No	No	No
Ingress Protection	IP55	IP55	IP55	IP64	IP64
Mounting Stem	3/4"-16	3/4"-16	3/4"-16	3/4"-16	3/4"-16
Anti-Rotation Pin	Yes	No	No	Yes	Yes
					