

Battery Selectors & Battery Disconnect Switches

Circuit Breakers

Fuse Holders

Fuse Blocks

Battery Terminals & Terminal Blocks

Battery Jump Terminals

Master Battery Selector and Disconnect Switch
For Application up to 36VDC, 2 positions.

Rating: 310Amps continuous
500Amps/5 mins.

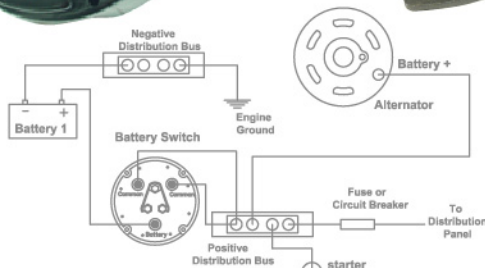
AES-1211-23

Dimension: 140*140*90h mm
Phenolic Housing



AES-1211-23A

Dimension: 160*160*70h mm
Plastic Housing



2 Position Battery Switch

Master Battery Selector and Disconnect Switch
For Application up to 36VDC, 4 positions-Both/1/off/2

Rating: 310Amps continuous
500Amps/5 mins.

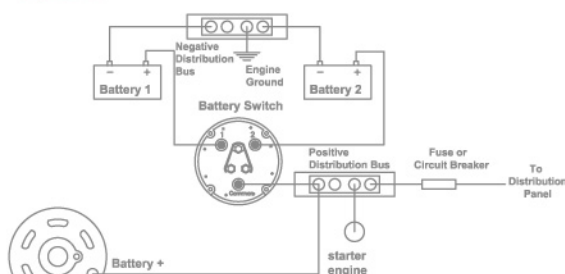
AES-1211-24

Dimension: 140*140*90h mm
Phenolic Housing



AES-1211-24A

Cole Hersee # M-750
Dimension: 160*160*70h mm
Plastic Housing



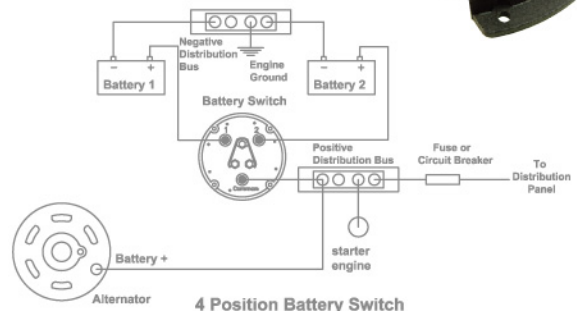
4 Position Battery Switch

Master Battery Selector and
Disconnect Switch with key lock.

For Application up to 36VDC, 4 positions, Both/1/off/2
Rating: 310Amps continuous
500Amps/5 mins.

AES-1211-25A

Cole Hersee # M-751
Dimension: 160*160*70h mm
Plastic Housing



4 Position Battery Switch

Master Battery Selector and Disconnect Switch with AFD
(Alternator Field Disconnect protects the diodes in the alternator in the event of the switch being set to "Off" while the engine is running.)

For Application up to 36VDC, 4 positions-Both/1/off/2.

Rating: 310Amps continuous 500Amps/5 mins. with/without lock

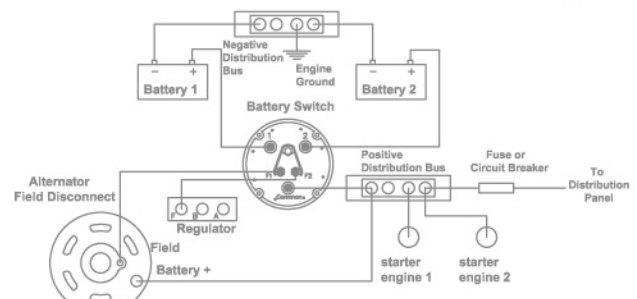
AES-1211-24B

Cole Hersee # M-752
Dimension: 160*160*70h mm
Plastic Housing



AES-1211-25B

Cole Hersee # M-753
Dimension: 160*160*70h mm
Plastic Housing



4 Position Battery Switch With AFD

Battery Selectors & Battery Disconnect Switches

Circuit Breakers

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Battery Terminals & Terminal Blocks

Battery Jump Terminals

Mini Master Battery Switches

For application up to 48 Volts DC, can be in 2 positions or 4 positions, used with 1 battery or 2 batteries.

Switch can be with knob or with removable key, with bottom cover for mounting panel use or without bottom cover for mounting through. Also available to be a combination set. ISO 8846 approval. Meet IP 66.

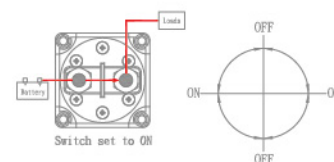
48VDC

- Continuous Rating: 300Amps
- Intermittent Rating: 700Amps/10secs.
- Cranking Rating: 1000Amps/5 secs.
- Inrush Rating: 1500Amps/ms.
- Dimensions: 69*69*75h mm

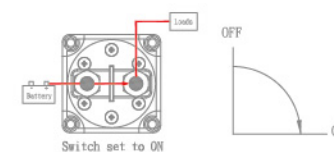
Combination Set

Without Bottom Cover
For Surface Mount UseWith Bottom Cover
For Panel Mount Use**AES-1211-28****AES-1211-28A****AES-1211-28B****AES-1211-28C**

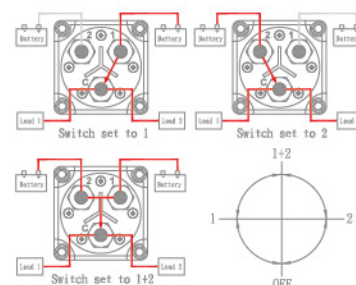
ON-OFF-ON-OFF

**AES-1211-29****AES-1211-29A****AES-1211-29B****AES-1211-29C**

ON-OFF

**AES-1211-30A****AES-1211-30C**

OFF-1-BOTH-2



Battery Selectors & Battery Disconnect Switches

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Fuse Blocks

Battery Terminals & Terminal Blocks

Battery Jump Terminals

AES-1211-32C

Heavy Duty Battery Switch with Lock-out Feature Knob.

ON-OFF

12VDC 550Amps continuous

800Amps intermittent/10 sec.

2,500Amps cranking/5 sec.

Max: 48VDC

Dimensions: 102*102*90mm

Terminal: M12 * 2pcs



AES-1211-34

Remote Control Battery Switch

Switch can be mounted alongside battery, reducing cable lengths and cable size to start motor.

Remote through a momentary switch on the dash.

LED status identification for remote control switch.

Manual Operation available.

Rating: 9.5VDC-32VDC

275Amps continuous

455Amps intermittent

1,250Amps Cranking

Power Draw:

Switch OFF 12mA; Switch ON 15mA

Switch Operation: 120mA for 3 seconds at 12V nominal



AES-1211-34V

Dual Operation VSR and Battery Switch Parallel,

Remote Type

Rating: 12VDC 275A

Engages 13.7VDC

Disengages: 12.2-13.0VDC

Dual battery sensing. Remote battery switch, operated through a momentary switch on the dash, parallel the batteries for a preset time of 10 minutes.

Once this 10 minutes has passed,

it will stay engaged if the voltage is up high enough for the VSR to operate.

If not, it will disengage. Manual Operation available.

Engine run sensing: VSR will engage when the voltage reaches 13.7 volts (either start or house battery).

If the combined battery voltage drops below 13.0 volts,

and the engine is not running, after 5 seconds the contact will open and stay open till voltage exceeds

13.7 volts. If voltage drops below 13 volts and stay above

12.2 volts on either, while engine is running,

the VSR will engage.



AES-1211-31

Voltage Sensitive Relay, Single Sense.

Rating: 12VDC, 140Amps continuous

Engages: 13.7VDC, Disengages: 12.8VDC

The Voltage Sensitive Relay allows 2 batteries to be charged at the same time.

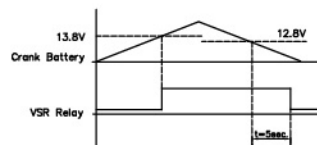
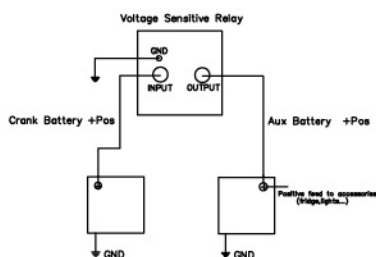
When the engine is started and the start battery reaches 13.7volts,

the VSR engages,

allowing 2 battery banks (start & house) to be charged simultaneously.

When the voltage drops below 12.8 volts,

the VSR disengages, separating the batteries.



AES-1211-31-100A

Same as AES-1211-31, Single Sense.

Rating: 12VDC, 100Amps continuous

AES-1211-31D

Voltage Sensitive Relay, Dual Sense.

Rating: 12VDC 125Amps continuous

Allow sensing the voltage of both batteries that is connected between.

If either battery is receiving a charge the VSR will activate paralleling the 2 battery banks.

Designed for situations where a battery charger or second sources is used into the house battery.



AES-1211-11

Heavy Duty Battery Cut-Off Switch

2 Positions, Off-On,

Isolates Battery Circuit for

Anti-theft and Motorsport

Vehicles, Idea for RV,

Marine and Farm Equipment Storage.

Rating: 30Amps, 12VDC



AES-1211-11A

Heavy Duty Battery Cut-off

Switch with weatherproof rubber cover.

Rating: 30Amps, 12VDC



Battery Selectors & Battery Disconnect Switches

Circuit Breakers

Fuse Holders

Fuse Blocks

Battery Terminals & Terminal Blocks

Battery Jump Terminals

AES-1211-16

Heavy Duty Battery Cut-Off Switch
12VDC 300 Amps continuous,
1000A/10 sec.
Terminal:M10
Meet IP 65
ISO 8846 Approved

**AES-1211-16A**

Heavy Duty Battery Cut-Off Switch
24VDC 300 Amps continuous,
1000A/10 sec.
Terminal:M12
Meet IP 65

**AES-1213-13**

2 Poles Master Disconnect Switch
Rating: 24VDC
Continuous Rating: 120Amps
Intermittent Rating: 2,000Amps
4 Positions: on/off/on/off (removable)
With key and weatherproof cap.
Meet IP 65

**AES-1213-13B**

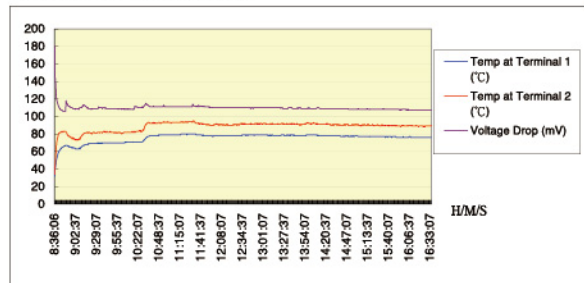
With lever

**AES-1213-13C**

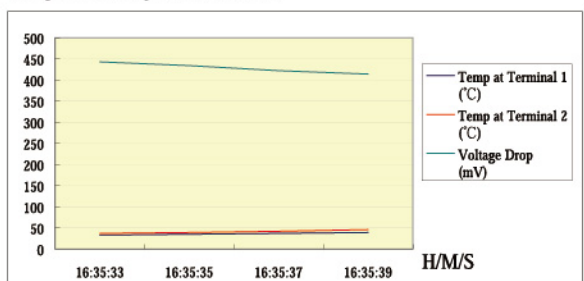
With lever

**Temperature Rise Test**

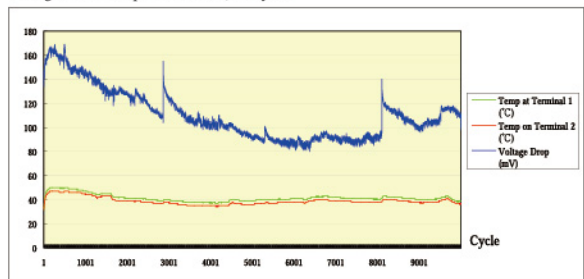
Rating: 24V 300Amps Duration: 8Hours

**High Current Test**

Rating: 24V 1,500Amps, Duration: 8 seconds

**Endurance Test**

Rating: 24V 100Amps Duration: 10,000 cycles

**AES-1213-14**

Battery Switch
Battery Disconnect Switch
12VDC 50Amps



Battery Selectors & Battery Disconnect Switches

Circuit Breakers

Fuse Holders

Fuse Blocks

Battery Terminals & Terminal Blocks

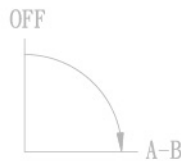
Battery Jump Terminals

SPST type

AES-1411-16

Pollak # 51-302 / 51-902

S.P.S.T. Off-On, 2 Stud Terminal For Battery Circuit Only.
Does not disconnect Alternator or Generator Field Circuit.
On Vehicles Equipped with Alternators.
Engine Must Be Shut off to Avoid
Potential Damage to Alternator Diodes.
6-36 Volt, 190 Amps Continuous Capacity, 1000 Amps in Rush.



Face Plate



AES-1411-16-3

Pollak # 51-315 / 51-915

Same as AES-1411-16,
except with Index Pin to
prevent rotation while installing.



AES-1411-16-3P

Pollak # 51-316 / 51-916

S.P.S.T. OFF-ON
With encapsulated removable keys.
With 0.25" diameter anti-rotation
indexing post.



AES-1411-16H

Pollak # 51-307 / 51-927

Rating: 12VDC 180Amps continuous
1,800Amps intermittent
With M12 Terminals



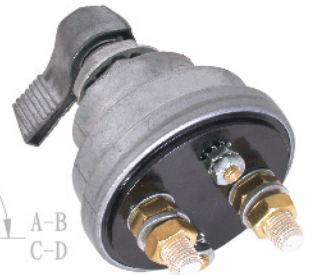
DPST type

AES-1411-16A

Standard # DS-247

Pollak # 51-304 / 51-904
Cole Hersee # 2484

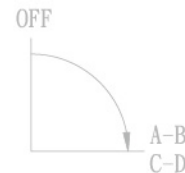
D.P.S.T. Off-On, 4 Stud Terminals.
For Battery and Alternator or
Generator Field Circuit.
Design to Break Alternator
generator Circuit Prior to
Battery Circuit Disconnect.
Rating: Continuous rating (Make Break)
Large Studs - 180 Amps Small Studs - 20 Amps
Intermittent Rating (Carrying) Large Studs - 1000 Amps



AES-1411-16B

Pollak # 51-318 / 51-918

Same as
AES-1411-16A,
except with .25 dia.
Indexing post to
prevent rotation
and align switch.



AES-1411-16-BP

Pollak # 51-319 / 51-919

D.P.S.T. OFF-ON
With encapsulated removable keys.
With 0.25" diameter anti-rotation
indexing post.



AES-1411-16L

Lock-out Lever Kit

Allows switch to be locked into the
off position with a padlock *.
Prevents unauthorised or accidental activation



Padlock not included



Battery Selectors & Battery Disconnect Switches

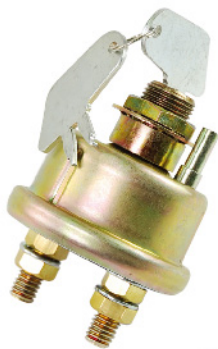
Circuit Breakers

Fuse Holders

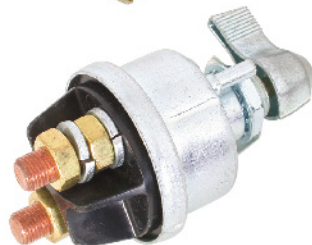
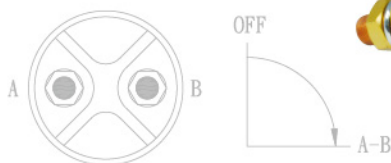
Fuse Blocks

Battery Terminals & Terminal Blocks

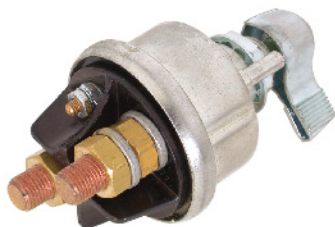
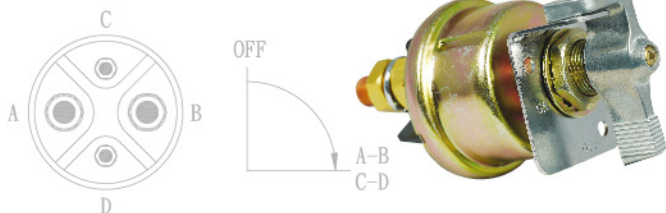
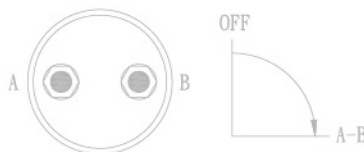
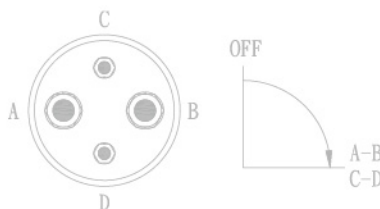
Battery Jump Terminals

AES-1411-18Standard # DS-249
Cole Hersee # 2484-06Master Battery
Disconnect Switch.
For Caterpillar 7N0718.**AES-1411-18A**

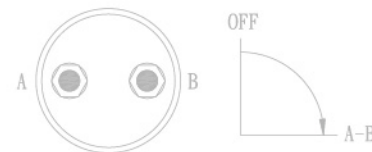
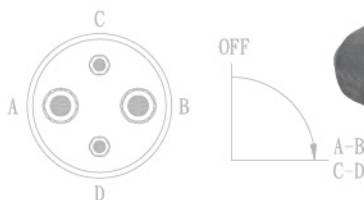
Cole Hersee # 75908

Single Pole, Off-On. Disconnects
Battery Circuit Only.
Mounting Stem: 3/4" -16 Thread,
Fits Panels up Through 1/4" Thick.
2 1/2" -20 Copper Stud.
Indexing Pin Align Switch and
Prevents Rotation.
Electrical Ratings: 2,000 amps intermittent
300 amps continuous.**AES-1411-18A-L**Same as AES-1411-18A
With Lock-Out Kit**AES-1411-18B**

Cole Hersee # 75907

Double Pole, Off-On.
Disconnects Battery and
Field Circuits. Mounting
Stem: 3/4" - 16 Thread,
Fits Panels up Through
1/4" Thick. Two 1/2"-20 Copper
Stud and Two 10-32 Stud.
Indexing Pin Align Switch
and prevents Rotation.
Electrical Ratings: Large Studs 2,000 amps intermittent
300 amps continuous Small Studs 20 amps continuous**AES-1411-18B-L**Same as AES-1411-18B
With Lock-Out Lever Kit**AES-1411-18C**AES-1411-18 with
operated lever.**AES-1411-18C-4T**Battery Disconnect Switch
With 4 terminal and indexing pin.**AES-1411-18D**

Cole Hersee # M-284

Single Pole, Off-On
Electrical Ratings:
175 amps continuous
1,000 amps intermittent
15 seconds ON,
5 minutes Off.**AES-1411-18D-4T**Battery Disconnect Switch
With 4 terminals

Battery Selectors & Battery Disconnect Switches

Circuit Breakers

Fuse Holders

Fuse Blocks

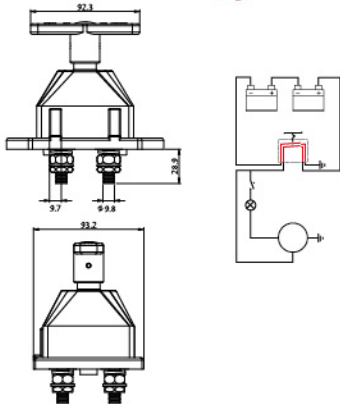
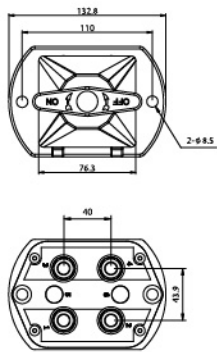
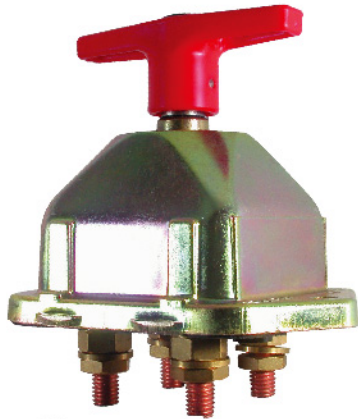
Battery Terminals & Terminal Blocks

Battery Jump Terminals

AES-1411-34A

Double Pole Main Switch
ON/OFF

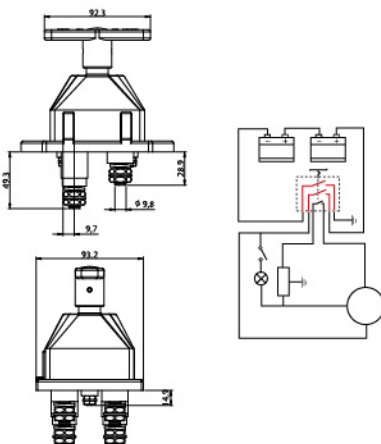
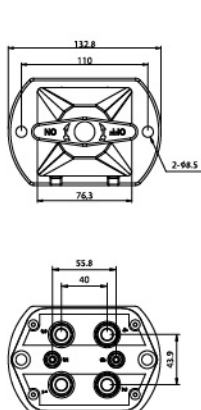
Rating:
Max 48VDC
250 amps continuous
2,500 amps/5 secs.
Terminal: M10 * 4
Meet IP65



AES-1411-34B

Double pole Main Switch
with Auxiliary circuit
ON/OFF

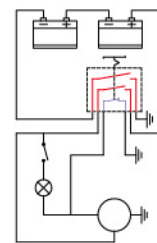
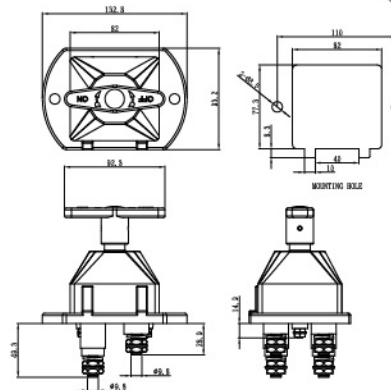
Max 48VDC
250 amps continuous
2,500 amps/5 secs.
Terminal: M10 * 4
M6 * 2
Meet IP65



AES-1411-34C

Double Pole Main Switch
with Auxiliary circuit
ON-OFF

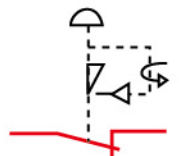
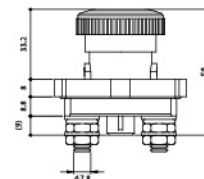
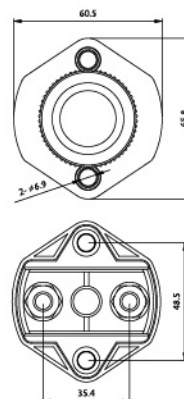
MAX 48VDC
250Amps continuous
2,500Amps/5 seconds
Terminal: N10*4 + M6*2
Normally Closed



AES-1411-51

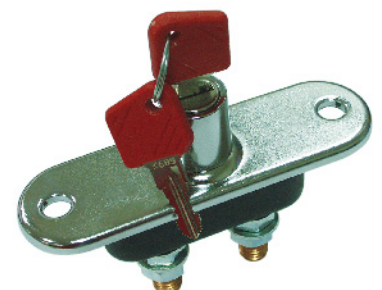
Snap Action Switch
With rotative releasing
Normal ON, push down to OFF,
rotate knob to release.

Rating:
Max 48VDC
150amps continuous,
1000amps/5 secs.
Terminal: M8 * 2
Meet IP66



AES-1411-531

Battery Switch with Key
20 Key Codes Available.
24VDC 100Amps continuous.
500AMPS FOR 5 seconds.
Supplied with 2 keys.



Battery Selectors & Battery Disconnect Switches

Circuit Breakers

Fuse Holders

Fuse Blocks

Battery Terminals & Terminal Blocks

Battery Jump Terminals

AES-1411-532

Battery Disconnect Switch
With Fixed Handle
24V 300Amps, 2000Amps/5 secs



With Bracket



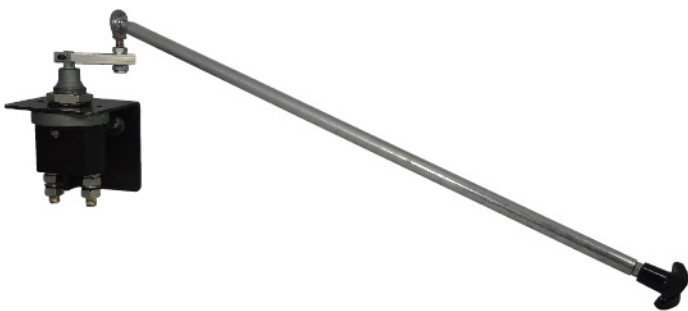
With Bracket

**AES-1411-532A**

With Lock-out Bracket

**AES-1411-532B**

With Extension Handle

**AES-1411-532C**

With Removable Key

**AES-1411-532D**

With Removable Key, With Bracket

**AES-1411-533H**

Heavy Duty Battery Cut-Off Switch
Single Pole
12VDC 300Amps, 3,000Amps/5 secs
Max: 48VDC
Terminal: M10*2

**AES-1411-533P-A**

Heavy Duty Battery Cut-Off Switch
Single Pole
12VDC 300Amps, 3,000Amps/5 secs
Max: 48VDC
Terminal: M10*2

**AES-1411-534**

Heavy Duty Battery Cut-Off Switch
Max: 36VDC
12VDC 125A Continuous,
750A Intermittent (15 Secs ON, 5 Min OFF)
Terminal: M10*4, With Index Pin



Battery Selectors & Battery Disconnect Switches

Circuit Breakers

Fuse Holders

Fuse Blocks

Battery Terminals & Terminal Blocks

Battery Jump Terminals



AES-1411-561

Automatic Disconnecting Switch for load dividers

With very low voltage drop (diodes)

Voltage Drop: 0.25V

Can charge more than 1 battery simultaneously,
dividing preference to the battery with the lowest charging level;
light alloy body, wide finning suitable for dispersing heat efficiently.

AES P/N	Battery	Dimension (mm)	Max Power delivery by each battery	Alternators	Max Voltage
AES-1411-561-2A	2	100x120x80	50A	1	100V
AES-1411-561-2B	2	200x120x80	100A	2	100V
AES-1411-561-2C	2	200x120x80	150A	1/2	100V
AES-1411-561-3A	3	100x120x80	50A	1	100V
AES-1411-561-3B	3	200x120x80	100A	2	100V



AES-1411-571

Electrical Battery Isolator

Positive or Negative Disconnection, with separate coil feeding.

Rating: 12VDC (Vmin: 9V/Vmax: 18V)

300Amps continuous

2,500Amps/5 seconds

Contact Drop at Max Load: 200mV (0.4mOhms Max)

Pull in coil Current: 2.6A

Hold in coil Current: 0.4A

AES-1411-571-24

Electrical Battery Isolator

Positive or Negative Disconnection, with separate coil feeding.

Rating: 24VDC (Vmin: 16V/Vmax: 36V)

300Amps continuous

2,500Amps/5 seconds

Contact Drop at Max Load: 200mV (0.4mOhms Max)

Pull in coil Current: 3.2A

Hold in coil Current: 0.3A