



TOP QUALITY
AUTO ELECTRIC PRODUCTS CO., LTD.

M-22

Marine Catalogue



Company Profile

Founded in 1979, AES has been manufacturing automotive and marine electrical components for over 40 years.

ISO 9001 certified since 2000, also IATF16949 certified since 2018, AES continuously improves management systems, production standardization and testing techniques.

Based on our management philosophy: Professional, Honesty and Quality, AES prides itself on maintaining long-term partnerships with all of its customers. The company expanded in 2009 and is ready for a new era - one that is completely quality and customer oriented.

Quality Policy

- Top Quality
- Research and Development
- Customer Satisfaction

Company Goal

World Class SWITCHES Manufacturing





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ISO9001 certified since 2000





IATF 16949 certified since 2018

Certificate IATF 0411710
Certificate SGS TW18/10259

The management system of

**TOP QUALITY AUTO ELECTRIC
PRODUCTS CO., LTD.**

No. 2, Sin-Ai Road, An-Ping Industrial Park,
Tainan 702, Taiwan

has been assessed and certified as meeting the requirements of

IATF 16949:2016

Edition 1

For the following activities

Manufacture of isolator switches and ignition starter switches.

EXCLUSIONS: 8.3 product Design

3 Year certification is valid from 19 July 2021 until 18 July 2024 and
remains valid subject to satisfactory surveillance audits.
Version no.03 Current version updated 19 July 2021

Authorised by

Shalan

Veto Power Authority

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SGS IATF16949 0417
Page 1 of 1





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Ignition Starter Switches

AES offers the most complete selection of high quality polyester and brass ignition switches for marine industry.



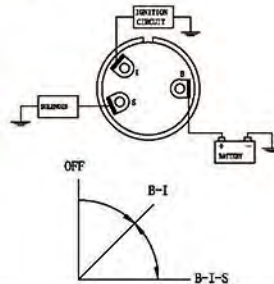
UM-33

AES-1211-12



M-850

AES-1211-12A



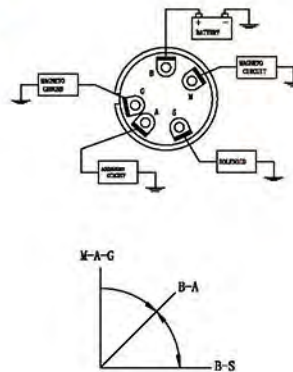
Material	Polyester
Length	Long, 1 1/8" maximum panel thickness
Terminal Type	3 Screws
Face Nut	Hex Chrome Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	13/16"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC



AES-1211-13



AES-1211-13A



Material	Polyester
Length	Long, 1 1/8" maximum panel thickness
Terminal Type	5 Screws
Face Nut	Hex Chrome Face Nut or Plastic Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	13/16"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC



AES-1211-13-1

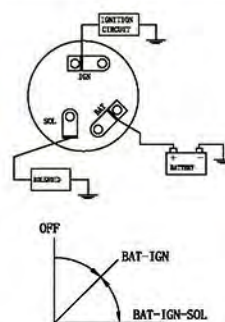


#3906
MP-39062-1
UM-25

AES-1211-14



AES-1211-14A

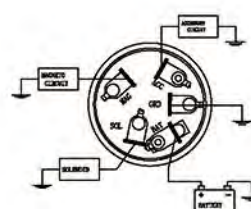
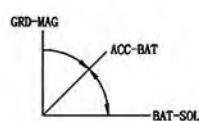


Material	Brass
Length	Long, 1" maximum panel thickness
Terminal Type	3 Screws
Face Nut	Hex Chrome Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC



#3904

AES-1211-14C



Material	Brass
Length	Long, 1" maximum panel thickness
Terminal Type	5 Screws
Face Nut	Hex Chrome Face Nut
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC

AES offers the most complete selection of high quality polyester and brass ignition switches for marine industry.

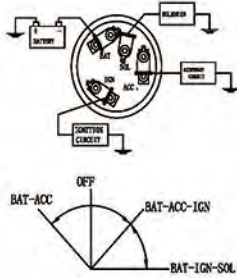


MP-41022



AES-1211-15

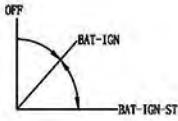
AES-1211-15A



Material	Brass
Length	Long, 1" maximum panel thickness
Terminal Type	4 Screws
Face Nut	Hex Chrome Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC
Accessory	15Amps @12V DC



M-6110-05
M850



Material	Brass
Length	1" maximum panel thickness
Terminal Type	3 Screws
Face Nut	Hex Chrome Face Nut
Hole Size	7/8"
Rating	
Ignition	10Amps @12V DC
Solenoid	10Amps @12V DC

AES-1211-141

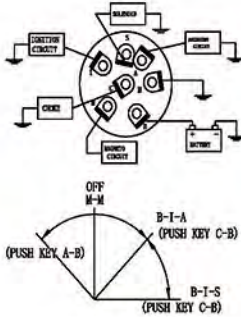


MP 4101
MP 41012



AES-1211-18

AES-1211-18A



Material	Polyester
Length	Short, 5/8" maximum panel thickness
Terminal Type	7 Screws
Face Nut	Hex Black Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC
Choke	7Amps @12V DC
Accessory	15Amps @12V DC

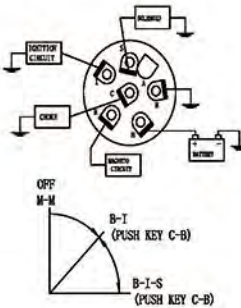


MP 4100
MP 41002



AES-1211-19

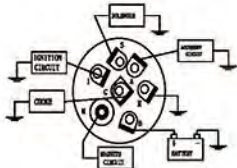
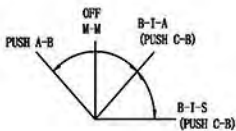
AES-1211-19A



Material	Polyester
Length	Short, 5/8" maximum panel thickness
Terminal Type	6 Screws
Face Nut	Hex Black Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC
Choke	7Amps @12V DC



MP 4108
MP 41082



Material	Polyester
Length	Short, 5/8" maximum panel thickness
Terminal Type	6 Screws, 1 Boss Screw
Face Nut	Hex Black Face Nut
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC
Choke	7Amps @12V DC
Accessory	15Amps @12V DC

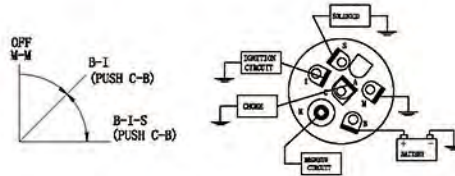
AES-1211-20

Ignition Starter Switches

AES offers the most complete selection of high quality polyester and brass ignition switches for marine industry.



AES-1211-20A



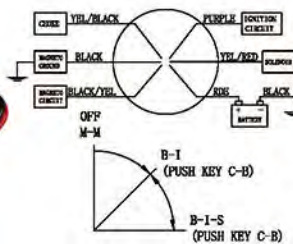
Material	Polyester
Length	Short, 5/8" maximum panel thickness
Terminal Type	5 Screws, 1 Boss Screw
Face Nut	Hex Black Face Nut
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC
Choke	7Amps @12V DC



MP41072



MP41092



Material	Polyester
Length	Short, 5/8" maximum panel thickness
Terminal Type	6 Color Wires
Face Nut	Hex Black Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC
Choke	7Amps @12V DC

AES-1211-22

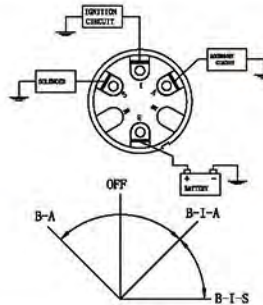
AES-1211-22A



MP39802



MP41042



Material	Polyester
Length	Long, 1 1/8" maximum panel thickness
Terminal Type	4 Screws
Face Nut	Hex Black Plastic Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC
Accessory	7Amps @12V DC

AES-1211-26

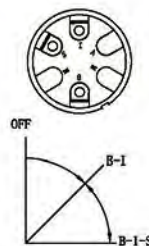
AES-1211-26A



MP39122



MP39202



Material	Polyester
Length	Long, 1 1/8" maximum panel thickness
Terminal Type	3 Screws
Face Nut	Hex Black Plastic Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC

AES-1211-261

AES-1211-261A

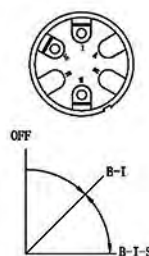


AES-1211-261-P



MP39772

AES-1211-261A-P



Material	Polyester
Length	Long, 1 1/8" maximum panel thickness
Terminal Type	3 Screws
Face Nut	Hex Black Plastic Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC

AES offers the most complete selection of high quality polyester and brass ignition switches for marine industry.

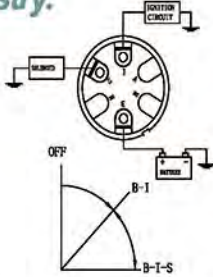


AES-1211-27



MP41032

AES-1211-27A

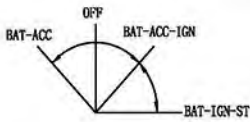


Material	Polyester
Length	Short, 5/8" maximum panel thickness
Terminal Type	3 Screws
Face Nut	Hex Black Plastic Face Nut or Knurled Black Plastic w/Rubber Cap
Hole Size	7/8"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC



UN12142

AES-1111-18

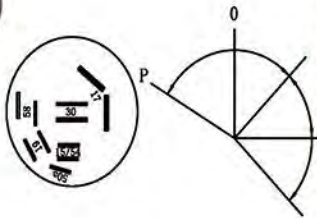


Material	Die Cast Zinc
Length	Short, 5/8" maximum panel thickness
Terminal Type	4 Threaded Studs
Face Nut	Knurled Chrome Face Nut
Hole Size	9/16"
Rating	
Ignition	15Amps @12V DC
Solenoid	30Amps @12V DC
Accessory	15Amps @12V DC



330252

AES-1111-78B



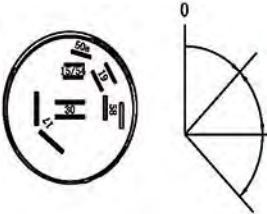
	P	O	I	II	III
30-58					
30-15/54					
30-19					
30-17					
30-50a					

With anti-restart

Material	Polyester
Terminal Type	10 Blades
Face Nut	Hex Chrome Face Nut w/Cover
Hole Size	1"
Rating	
Terminal	@12V DC @24V DC
30-58	8Amps 4Amps
30-15/54	35Amps 17.5Amps
30-19	70Amps 30Amps
30-17	70Amps 30Amps
30-50a	(Short Time) 70Amps 4Amps (1min) 18Amps 5Amps



AES-1111-90B-C



	O	I	II	III
30-15/54				
30-19				
30-17				
30-50a				

With anti-restart

Material	Polyester
Terminal Type	10 Blades
Face Nut	Hex Chrome Face Nut w/Cover
Hole Size	1"
Rating	
Terminal	@12V DC @24V DC
30-58	8Amps 4Amps
30-15/54	35Amps 17.5Amps
30-19	70Amps 30Amps
30-17	70Amps 30Amps
30-50a	(Short Time) 70Amps 4Amps (1min) 18Amps 5Amps

Accessory

330291



PA00-111177A

6 Pole Socket

330290



PA00-111177B

4 Pole Socket

14607



PA114-111178

Spare Key 14607

339997



PB00-111177

Cover

Battery Selectors, Disconnect Switches & Isolators

Battery Disconnect Switches



AES-1211-11

Polyster housing for rust and corrosion proof
Removable Polyster Key for security.

	AES-1211-11	AES-1211-11T	AES-1211-11S
Operation	OFF-ON	OFF-ON	OFF-ON
Stud	Brass, M10*2	Tin Plated Brass, M10*2	Silver Plated Brass, M10*2
Contact Plate	Brass	Silver Plated Brass	Silver Plated Brass
Normal Voltage	Up to 24VDC	Up to 24VDC	Up to 24VDC
Normal Current	100Amps continuous at 12VDC	250Amps continuous at 24VDC	250Amps continuous at 24VDC
	6EK 002 843-000	6EK 002 843-013	6EK 002 843-051



AES-1211-11-A

Polyster housing for rust and corrosion proof
Removable weatherproof key with rubber cover.

	AES-1211-11-A	AES-1211-11-AT
Operation	OFF-ON	OFF-ON
Stud	Brass, M10*2	Silver Plated Brass, M10*2
Contact Plate	Brass	Silver Plated Brass
Normal Voltage	Up to 24VDC	Up to 24VDC
Normal Current	100Amps continuous at 12VDC	250Amps continuous at 24VDC
	6EK 002 843-000 14.385.15	6EK 002 843-051



AES-1211-16

Heavy Duty Battery Switch
With RED or BLACK handle

	AES-1211-16	AES-1211-16-A
Operation	OFF-ON	OFF-ON
Stud	Brass, M10*2	Brass, M12*2
Contact Plate	Brass	Brass
Normal Voltage	Up to 24VDC	Up to 24VDC
Normal Current	300Amps continuous at 24VDC	300Amps continuous at 24VDC
Intermittent Rating	1,000Amps at 24VDC	1,000Amps at 24VDC
IP Rating	IP66	IP66

080101 00

201363 (Red); 201543 (Black)

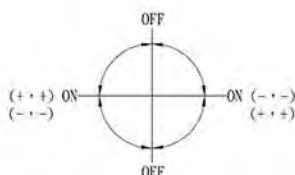
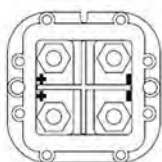
YMF 100 SE1 002 (Red); YMF 100 SE1 002 (Black)



AES-1211-16-A



AES-1213-13



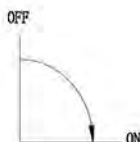
Removable weatherproof key with rubber cover.

Operation	OFF-ON
Pole	2
Stud	Silver Plating Brass, M10*4
Contact Plate	Copper
Normal Voltage	Up to 24VDC
Normal Current	120Amps continuous at 24VDC
Intermittent Rating	2,000Amps at 24VDC
IP Rating	Meet IP65

14.386.05
6EK 001 559-981



AES-1213-14



Operation	OFF-ON
Stud	Copper, M10*2
Contact Plate	Copper
Normal Voltage	Up to 24VDC
Normal Current	100Amps continuous at 12VDC
Intermittent Rating	300Amps at 12VDC for 5 secs

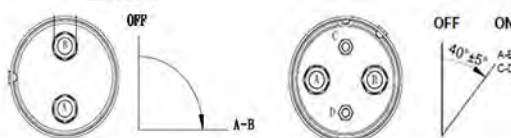


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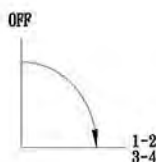
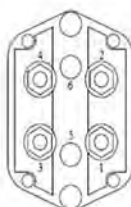
AES-1411-18D-4T

	AES-1411-18D	AES-1411-18D-4T
Operation	OFF-ON	OFF-ON
Stud	Silver Plated Copper, 3/8**2	Silver Plated Copper, 3/8**2 Brass, M5*2
Contact Plate	Copper	Copper
Normal Voltage	Up to 24VDC	Up to 24VDC
Normal Current	175Amps continuous at 24VDC	175 Amps continuous at 24VDC 20Amps for small stud
Intermittent Rating	1,000Amps at 24VDC	1,000Amps at 24VDC

MP38910



AES-1411-34A-W



Operation	OFF-ON
Pole	2
Stud	Copper, M10*4
Contact Plate	Copper
Normal Voltage	Up to 48VDC
Normal Current	250Amps continuous at 24VDC
Intermittent Rating	2,500Amps at 24VDC for 5 secs.
IP Rating	Meet IP65

200357B

Voltage Sensitive Relay

When the engine is started and the start battery reaches cut-in voltage, the VSR engages, allowing two battery banks (start and auxiliary) to be charged simultaneously. When the voltage drops below cut-out voltage (eg the engine is stopped), the VSR disengages, and separating the batteries. This system eliminates the possibility of draining the start battery and protects sensitive electronic equipment powered from the auxiliary battery from harmful engine start up spikes.



AES-1211-31



AES-1211-31D

	AES-1211-31	AES-1211-31-100B	AES-1211-31D
Normal Voltage	12VDC	12VDC	12VDC/24VDC
Normal Current	160Amps	100Amps	125Amps
Cut-out Voltage	12.6V	12.5V	12.8V at 12VDC 26.6V at 24VDC
Cut-in Voltage	13.6V	13V	13.8V at 12VDC 26.8 at 24VDC

4RD 980 830-001

14.921.90
710-140A

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 override option.



AES-1211-34

Housing	Polyster
Dimension	69*69*101mm
Operation	OFF-ON (cable controlled)
Stud	Brass, M10*2
Contact Plate	Silver Plated Copper
Normal Voltage	Up to 48VDC
Continuous Rating	275Amps continuous at 12VDC
Intermittent Rating	455Amps/10 secs
Cranking Rating	1,250Amps/5 secs

701-MD

Dual Operation VSR and Battery Switch Parellel

Automatically sense connected battery bank voltages and provide optimal, efficient charging of the second bank. It allows for independent battery banks to be combined or isolated based on the presence of a charging sources, while also offering remotely activated, high current, emergency parallel connection. Provide On/Off switching operation, through a momentary button on the dash which will parallel the batteries for 10 minutes. Once this 10 minutes has passed, if the voltage is up high enough, the switch will stay engaged. If not, it will disengage. Manual override option.



AES-1211-34D

Housing	Polyster
Dimension	69*69*101mm
Operation	VSR + OFF-ON (cable controlled)
Stud	Brass, M10*2
Contact Plate	Silver Plated Copper
Normal Voltage	12VDC
Continuous Rating	275Amps continuous
Cut-in Voltage	12.2~13.0VDC
Cut-out Voltage	13.7VDC

701-MDVS

Battery Selectors, Disconnect Switches & Isolators

Mini Type Battery Switch

In Panel or Surface mounted type.
Also Combination set available.



AES-1211-28



AES-1211-29



AES-1211-28A



AES-1211-29A



AES-1211-30A



AES-1211-28B



AES-1211-29B



AES-1211-28C



AES-1211-29C



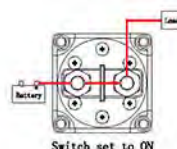
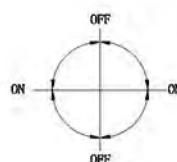
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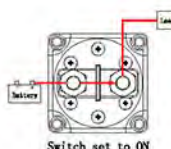
Combination Set

Panel Mounted Type (without Housing Wall)	AES-1211-28	AES-1211-29	AES-1211-30A
Surface Mounted Type (with Housing Wall)	AES-1211-28B	AES-1211-29B	AES-1211-30C
Housing	Polyster	Polyster	Polyster
Dimension	69*69*75mm	69*69*75mm	69*69*75mm
Operation	OFF-ON-OFF-ON	OFF-ON	OFF-1-BOTH-2
Stud	Brass, 3/8**2	Brass, 3/8**2	Brass, 3/8**3
Contact Plate	Silver Plated Copper	Silver Plated Copper	Brass
Normal Voltage	Up to 48VDC	Up to 48VDC	Up to 48VDC
Continuous Rating	300Amps continuous at 12VDC	300Amps continuous at 12VDC	300Amps continuous at 12VDC
Intermittent Rating	700Amps/10 secs	700Amps/10 secs	700Amps/10 secs
Cranking Rating	1,000Amps/5 secs	1,000Amps/5 secs	1,000Amps/5 secs
Inrush Rating	1,500Amps/ms.	1,500Amps/ms.	1,500Amps/ms.
IP Rating	IP66	IP66	IP66

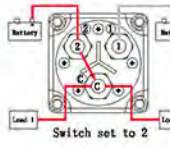
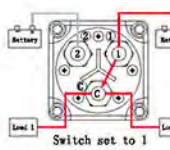
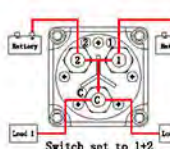
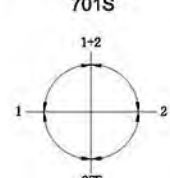
080807 00



080808 00



08080900



Battery Switch with lockout feature



AES-1211-32C



Housing	Polyster
Dimension	102*102*90mm
Operation	OFF-ON
Stud	Brass, M10*2
Contact Plate	Silver Plated Copper
Normal Voltage	Up to 48VDC
Continuous Rating	550Amps continuous at 12VDC
Intermittent Rating	800Amps/10 secs
Cranking Rating	2,500Amps/5 secs
Other Feature	Lock-out feature

Battery Isolators



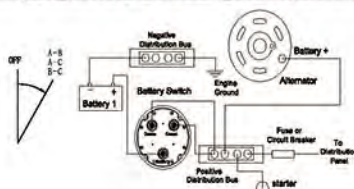
M-744

AES-1211-23



AES-1211-23A

	AES-1211-23	AES-1211-23A
Housing	Phenolic	Polyster
Dimension	140*140*90mm	160*160*70mm
Operation	OFF-ON	OFF-ON
Stud	Copper, 3/8**3	Copper, 1/2**3
Contact Plate	Copper	Copper
Normal Voltage	Up to 36VDC	Up to 36VDC
Normal Current	310Amps continuous at 12VDC	310Amps continuous at 12VDC



M-705

AES-1211-24



M-750
2767

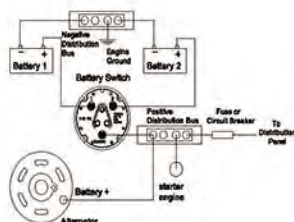
AES-1211-24A



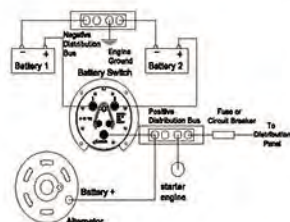
M-752

AES-1211-24B

	AES-1211-24	AES-1211-24A	AES-1211-24B
Housing	Phenolic	Polyster	Polyster
Dimension	140*140*90mm	160*160*70mm	160*160*70mm
Operation	OFF-1-BOTH-2	OFF-1-BOTH-2	OFF-1-BOTH-2
Stud	Copper, 3/8**3	Copper, 3/8**3	Copper, 3/8**3+Brass #10-32 *2
Contact Plate	Copper	Copper	Copper
Normal Voltage	Up to 36VDC	Up to 36VDC	Up to 36VDC
Normal Current	310Amps continuous at 12VDC	310Amps continuous at 12VDC	310Amps continuous at 12VDC
Additional Feature			with AFD



例	OFF	1	1+2	2
COM-BAT #1		■	■	■
COM-BAT #2			■	■
BAT#1-BAT #2			■	■



Stud	OFF	1	1+2	2
COM-BAT #1		■	■	■
COM-BAT #2			■	■
BAT#1-BAT #2			■	■
small stud(MS)		■	■	■



M-751
2768

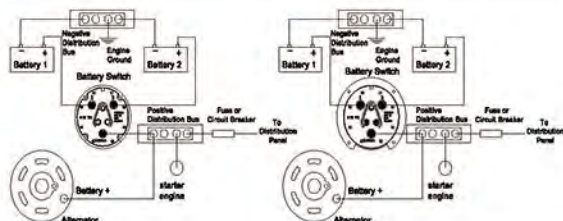
AES-1211-25A



M-753
14.904.00

AES-1211-25B

	AES-1211-25A	AES-1211-25B
Housing	Polyster	Polyster
Dimension	160*160*70mm	160*160*70mm
Operation	OFF-1-BOTH-2, with Lock	OFF-1-BOTH-2, with Lock
Stud	Copper, 3/8**3	Copper, 3/8**3+Brass #10-32 *2
Contact Plate	Copper	Copper
Normal Voltage	Up to 36VDC	Up to 36VDC
Normal Current	310Amps continuous at 12VDC	310Amps continuous at 12VDC
Additional Feature		with AFD



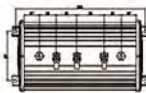
例	OFF	1	1+2	2
COM-BAT #1		■	■	■
COM-BAT #2			■	■
BAT#1-BAT #2			■	■

Stud	OFF	1	1+2	2
COM-BAT #1		■	■	■
COM-BAT #2			■	■
BAT#1-BAT #2			■	■
small stud(MS)		■	■	■

Battery Selectors, Disconnect Switches & Isolators

Battery Isolators

Battery Isolator: very low voltage drop battery combiners (diodes) and automatic battery isolator. Allow to charge more than one battery simultaneously. Electrical separation of each battery to avoid the one with highest charge level to flow into the one with lowest charge level. Aluminium body.

AES P/N#	Picture	TYPE	V DC	Amps
AES-1411-561-502		1 IN 2 OUT	12	50
AES-1411-561-503		1 IN 3 OUT	12	50
AES-1411-561-1002		2 IN 2 OUT	12	100
AES-1411-561-1003		2 IN 3 OUT	12	100



Automatic Bipolar Battery Switch

AES P/N #	Pole	V DC	Max Load	Remark
			for 5 secs Continuous	
AES-1411-570-12	1	12	2500 A300 A	
AES-1411-570-12G	1	12	2500 A300 A	Separate ON/OFF Switch
AES-1411-570-24	1	24	2500 A300 A	
AES-1411-570-24G	1	24	2500 A300 A	Separate ON/OFF Switch
AES-1411-571-12	2	12	2500 A300 A	
AES-1411-571-12G	2	12	2500 A300 A	Separate ON/OFF Switch
AES-1411-571-24	2	24	2500 A300 A	
AES-1411-571-24A	2	24	2500 A300 A	With Pigtail
AES-1411-571-24G	2	24	2500 A300 A	Separate ON/OFF Switch



Circuit Breakers & Holders

Thermal Circuit Breakers

Surface Mount Type



AES-GCA-70



AES-GCA-A150



AES-GCA-B50

GCA Type

Manual Stop/Reset	AES-GCA Serial
Manul Reset	AES-GCA-A Serial
Auto Reset	AES-GCA-B Serial
Stud	1/4", 28 thread *2
Normal Voltage	42VDC Maximum
Normal Current	50~200Amps
IP Rating	Meet IP67



AES-GCC-200



AES-GCC-A100



AES-GCC-B300

GCC Type

Manual Stop/Reset	AES-GCC Serial
Manul Reset	AES-GCC-A Serial
Auto Reset	AES-GCC-B Serial
Stud	3/8", 16 thread * 2
Normal Voltage	32VDC Maximum
Normal Current	25~200A (or 300A)
IP Rating	Meet IP67



AES-GCD-200



AES-GCD-A100



AES-GCD-B300

GCD Type

Manual Stop/Reset	AES-GCD Serial
Manul Reset	AES-GCD-A Serial
Auto Reset	AES-GCD-B Serial
Stud	3/8", 16 thread * 2
Normal Voltage	32VDC Maximum
Normal Current	25~200A (or 300A)
IP Rating	Meet IP67

Panel Mount Type



AES-GCB-150



AES-GCB-A90



AES-GCB-B60

GCB Type

Manual Stop/Reset	AES-GCB Serial
Manul Reset	AES-GCB-A Serial
Auto Reset	AES-GCB-B Serial
Stud	1/4", 28 thread * 2
Normal Voltage	42VDC Maximum
Normal Current	50~200Amps
IP Rating	Meet IP67

Mini Thermal Circuit Breaker



AES-GCE-20



AES-GCE-A30



AES-GCE-B30

GCE Type

Manual Stop/Reset	AES-GCE Serial
Manul Reset	AES-GCE-A Serial
Auto Reset	AES-GCE-B Serial
Stud	#10-32 thread *2
Normal Voltage	32VDC Maximum
Normal Current	10~70Amps
IP Rating	Meet IP66

Circuit Breakers & Holders

Thermal Circuit Breakers & Holders/Blocks



AES-ZE700



AES-ZE700-A



AES-ZE700S



AES-ZE700L

Accessory:

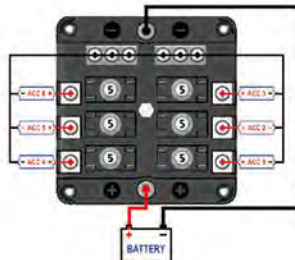
Parts		Nut	
C:Cap	Nameplate	K:Knurl Nut	H:Hex Nut
			

P/N#	Input Power	Rating	Reset Type
AES-ZE700	125VAC / 250VAC / 50VDC	3~50Amps	Manual Reset
AES-ZE700-A	125VAC / 250VAC / 50VDC	3~50Amps	Auto Reset
AES-ZE700S		3~20Amps	Manual Reset
AES-ZE700L		50~100Amps	Manual Reset

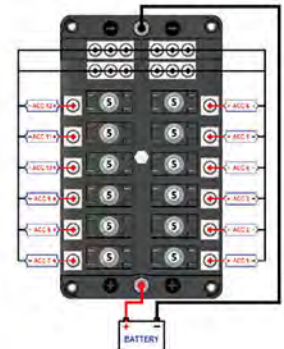
6 Circuit Breakers	12 Circuit Breakers	Input	Output Per Circuit	Input Terminals	Input Wire Size	Output Terminals	Output Wire Size
AES-1615-11-6	AES-1615-11-12	100A Max	25A	M5 Screw	#4-6 AWG	M4 Screw	#12-16 AWG
For AES-ZE700S (3A~20A)		For AES-ZE700S (3A~20A)					



AES-1615-11-6



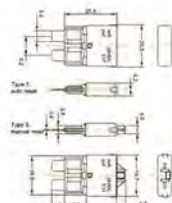
AES-1615-11-12



Blade Type Circuit Breakers & Holders/Blocks



AES-1610-CB

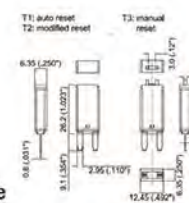


Color code

- 05-5A: LT.Brown
- 75-7.5A: Moss Green
- 10-10A: Red
- 15-15A: Blue
- 20-20A: Yellow
- 25-25A: White
- 30-30A: Green



Mini Type
AES-1610-MICB



Color code

- 05-5A: Tan
- 06-6A: Moss Green
- 75-7.5A: Brown
- 10-10A: Red
- 15-15A: Blue
- 20-20A: Yellow
- 25-25A: White
- 30-30A: Green

P/N#	Input Power	Rating	Reset Type
AES-1610-CBT1	125VAC / 250VAC / 50VDC	5~30Amps	Auto Reset
AES-1610-CBT3	125VAC / 250VAC / 50VDC	5~30Amps	Manual Reset
AES-1610-MICBT1		5~30Amps	Auto Reset
AES-1610-MICBT2		5~30Amps	Modified Reset
AES-1610-MICBT3		5~30Amps	Manual Reset



AES-1614-01



Mini Type
AES-1614MI-01

In Line Circuit Breaker Holder

12GA Rated to 30A	14GA Rated to 20A
AES-1614-01-12	AES-1614-01-14
AES-1614MI-01-12	AES-1614MI-01-14



Short Stop Type Thermal Circuit Breaker

The Short Stop Circuit Breakers are thermal circuit breakers enclosed in a metal or plastic cover with two stud type terminals. They are available with or without mounting brackets, ratings from 10 to 50 amps, with versions that are rated at either 12 or 24 VDC.

P/N#	Voltage	Amps	Bracket Type	Stud (#10-32 * 2pcs)
AES-1112-15A	12VDC & 24VDC	10A~50A	Vertical	Nickel Plated Iron*2
AES-1112-15AS	12VDC & 24VDC	10A~50A	Vertical	Copper Plated Iron + Chrome Plated Iron
AES-1112-15AX	12VDC & 24VDC	10A~50A	Vertical	Copper(S) + Nickel Plated Iron (L)
AES-1112-15B	12VDC & 24VDC	10A~50A	no	Nickel Plated Iron*2
AES-1112-15BM	12VDC & 24VDC	10A~50A	no	Copper Plated Iron(S) + Nickel Plated Iron(L)
AES-1112-15C	12VDC & 24VDC	10A~50A	In Line	Copper Plated Iron(S) + Nickel Plated Iron(L)
AES-1112-15CA	12VDC & 24VDC	10A~50A	In Line	Nickel Plated Iron*2
AES-1112-15CP	12VDC & 24VDC	10A~50A	In Line	Copper Plated Iron(S) + Nickel Plated Iron(L)
AES-1112-15CS	12VDC & 24VDC	10A~50A	In Line	Copper Plated Iron(S) + Nickel Plated Iron(L)



AES-1112-15A



AES-1112-15AS



AES-1112-15AX



AES-1112-15B



AES-1112-15BM



AES-1112-15C



AES-1112-15CA



AES-1112-15CP



AES-1112-15CS

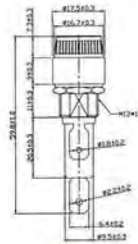
Fuses & Fuse Blocks/Holders

Fuse Blocks/Holders for Glass Tube Fuse

In Line Fuse Holder for Glass Tube Fuses



AES-R3-14C



AES-1613-01A



AES-1613-05

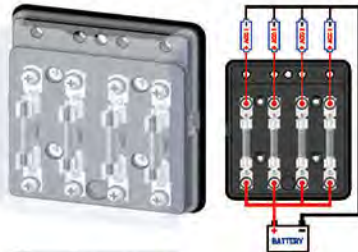


AES-1613-05A

10GA Rated to 40A	12GA Rated to 30A	14GA Rated to 20A	16GA Rated to 15A	18GA Rated to 10A	Applicable Fuse	Material
AES-1613-01A-10	AES-1613-01A-12	AES-1613-01A-14	AES-1613-01A-16	AES-1613-01A-18	ø 6.35*30mm	Bakelite
-	AES-1613-05-12	AES-1613-05-14	AES-1613-05-16	AES-1613-05-18	ø 6.35*32mm	PVC
-	-	AES-1613-05A-14	AES-1613-05A-16	AES-1613-05A-18	ø 6.35*32mm	Nylon

Glass Tube Fuse Blocks

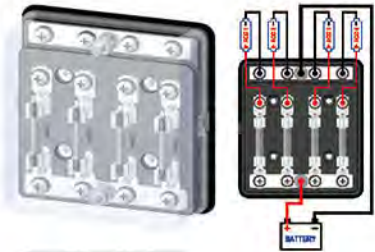
4 Fuses	6 Fuses	8 Fuses	Input Rating	Output Per Circuit	Input Terminals	Input Wire Size	Output Terminals	Output Wire Size	Positive Bus	Negative Bus	Applicable Fuse
AES-1613-11-04	AES-1613-11-06	AES-1613-11-08	100A Max 32V DC Max	30A 32V DC Max	M5 Screw	#4-6AWG	M4 Screw	#12-16AWG			ø 6.35*30mm
AES-1613-12-04	AES-1613-12-06	AES-1613-12-08			M5 Screw	#4-6AWG	M4 Screw	#12-16AWG	v		ø 6.35*32mm
AES-1613-13-04	AES-1613-13-06	AES-1613-13-08			M5 Screw	#4-6AWG	M4 Screw	#12-16AWG	v	v	ø 6.35*32mm



AES-1613-11-04



AES-1613-12-04



AES-1613-13-04

ANL Fuses and ANL Fuse Blocks/Holders

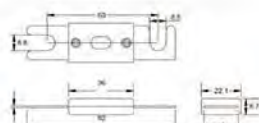
AES P/N#	ANL Fuse Type	V DC	Amps	Body Material	Fuse Holder			
AES-1610-01P	General ANL	12~32	35~300	Plastic	AES-1615-12	AES-1615-13 (For Fuse < 200A)	AES-1615-13A (For Fuse < 150A)	AES-1615-14K
AES-1610-01C	General ANL	12~32	35~500	Ceramic				
AES-1610-01M	Medium ANL	12~32	80~500	Plastic	AES-1615-15G (For Fuse < 150A)			
AES-1610-01MI	Mini AML	12~32	30~200	Plastic	AES-1615-16			



AES-1610-01P-150



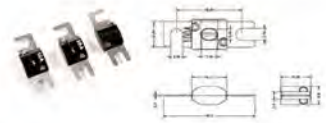
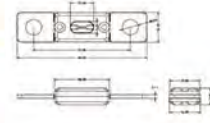
AES-1610-01C-200



AES-1610-01M-100 (-200/-500)



AES-1610-01MI-50



AES-1615-12



AES-1615-13



AES-1615-13A



AES-1615-14K



AES-1615-15G

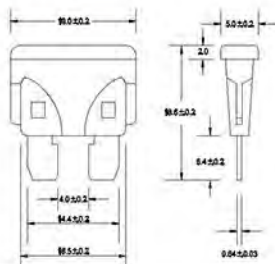


AES-1615-16

Blade Type Fuse and Fuse Blocks/Holders



AES-1610-BF



Part Number	Ampere (A)	Voltage (VDC)	Body Color
AES-1610-BF-1	1 A	32 V	Black
AES-1610-BF-2	2 A	32 V	Gray
AES-1610-BF-3	3 A	32 V	Violet
AES-1610-BF-4	4 A	32 V	Pink
AES-1610-BF-5	5 A	32 V	Tan
AES-1610-BF-7.5	7.5 A	32 V	Brown
AES-1610-BF-10	10 A	32 V	Red
AES-1610-BF-15	15 A	32 V	Blue
AES-1610-BF-20	20 A	32 V	Yellow
AES-1610-BF-25	25 A	32 V	Natural
AES-1610-BF-30	30 A	32 V	Green
AES-1610-BF-35	35 A	32 V	Purple
AES-1610-BF-40	40 A	32 V	Orange

In Line Fuse Holder



AES-1611-01



AES-1611-02



AES-1611-03



AES-1611-05



AES-1611-L01
(LED)



AES-1611-L02
(LED)



AES-R3-67L

6GA Rated to 60A	10GA Rated to 40A	12GA Rated to 30A	14GA Rated to 20A	16GA Rated to 15A	18GA Rated to 10A	20GA Rated to 5A
-	AES-1611-01-10	AES-1611-01-12	AES-1611-01-14	AES-1611-01-16	AES-1611-01-18	-
-	AES-1611-02-10	AES-1611-02-12	AES-1611-02-14	AES-1611-02-16	AES-1611-02-18	AES-1611-02-20
-	AES-1611-03-10	AES-1611-03-12	AES-1611-03-14	AES-1611-03-16	AES-1611-03-18	-
-	AES-1611-05-10	AES-1611-05-12	AES-1611-05-14	AES-1611-05-16	AES-1611-05-18	-
-	-	AES-1611-L01-12	AES-1611-L01-14	AES-1611-L01-16	AES-1611-L01-18	-
AES-1611-L02-06	-	-	-	-	-	-

LED Type, Meet IP66
LED Type, Meet IP66

Fuse Blocks

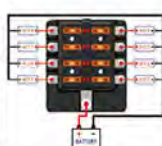
4 Fuses	6 Fuses	8 Fuses	10 Fuses	12 Fuses	Input	Output Per Circuit	Input Terminals	Input Wire Size	Output Terminals	Output Wire Size	LED Type	With Grounded Pad
AES-1615-01-04	AES-1615-01-06		AES-1615-01-10		100A Max	30A	#10-32	#4-6 AWG	Blades	#12-16 AWG	v	
AES-1615-02-04	AES-1615-02-06		AES-1615-02-10		100A Max	30A	#10-32	#4-6 AWG	Blades	#12-16 AWG	v	
	AES-1615-02-06S	AES-1615-02-08S	AES-1615-02-10S	AES-1615-02-12S	100A Max	30A	M5	#4-6 AWG	Screws	#12-16 AWG	v	
	AES-1615-02-06P	AES-1615-02-08P	AES-1615-02-10P	AES-1615-02-12P	100A Max	30A	M5	#4-6 AWG	Blades	#12-16 AWG	v	
	AES-1615-05-06N	AES-1615-05-08N	AES-1615-05-10N	AES-1615-05-12N	100A Max	25A	#10-32	#2-4 AWG	Blades	#12-16 AWG		
	AES-1615-05A-06	AES-1615-05A-08	AES-1615-05A-10	AES-1615-05A-12	100A Max	25A	#10-32	#2-4 AWG	Blades	#12-16 AWG		v
	AES-1615-06-06N	AES-1615-06-08N	AES-1615-06-10N	AES-1615-06-12N	100A Max	25A	#10-32	#2-4 AWG	Blades	#12-16 AWG		v
	AES-1615-06-06	AES-1615-06-08	AES-1615-06-10	AES-1615-06-12	100A Max	25A	#10-32	#2-4 AWG	Blades	#12-16 AWG		v
AES-1615-07-04	AES-1615-07-06	AES-1615-07-08	AES-1615-07-10		90A Max	15A	-	-	Blades	#12-16 AWG	v	v
	AES-1615-09-06S			AES-1615-09-12S	100A Max	30A	M5	#4-6 AWG	Screws	#12-16 AWG	v	v
	AES-1615-10-06S			AES-1615-10-12S	100A Max	30A	#10-32	#4-6 AWG	Screws	#12-16 AWG	v	v
	AES-1615-13A-06S			AES-1615-13A-12S	75A Max	20A	M6	#4-6 AWG	M4	#12-16 AWG		
	AES-1615-13B-06S			AES-1615-13B-12S	20A	20A	M4	#4-6 AWG	M4	#12-16 AWG		
	AES-1615-14A-06			AES-1615-14A-12	100A Max	20A	M5	#4-6 AWG	Blades	#12-16 AWG	v	
	AES-1615-14B-06			AES-1615-14B-12	50A Max	20A	10/15/12 AWG		Blades	#12-16 AWG	v	



AES-1615-01-10



AES-1615-02-08S



AES-1615-05-06N



AES-1615-06-06N



AES-1615-07-08



AES-1615-09-06S



AES-1615-05A-06



AES-1615-06-06



AES-1615-10-12S



AES-1615-14A-06



AES-1615-02-04



AES-1615-02-12P



AES-1615-13A-06S



AES-1615-13B-06S



AES-1615-14B-06

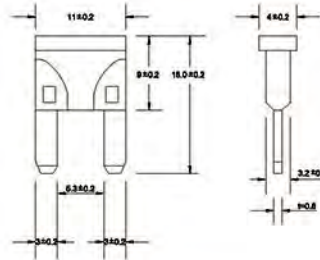
Fuses & Fuse Blocks/Holders

Blade Type Fuse and Fuse Blocks/Holders (Mini/Max Type)

Mini Blade Fuse



AES-1610-MIBF



Part Number	Amps (A)	Voltage (VDC)	Body Color
AES-1610-MIBF-2	2 A	32 V	Lt.Gray
AES-1610-MIBF-3	3 A	32 V	Violet
AES-1610-MIBF-4	4 A	32 V	Pink
AES-1610-MIBF-5	5 A	32 V	Tan
AES-1610-MIBF-7.5	7.5 A	32 V	Brown
AES-1610-MIBF-10	10 A	32 V	Red
AES-1610-MIBF-15	15 A	32 V	Blue
AES-1610-MIBF-20	20 A	32 V	Yellow
AES-1610-MIBF-25	25 A	32 V	Clear
AES-1610-MIBF-30	30 A	32 V	Green
AES-1610-MIBF-35	35 A	32 V	Purple

In Line Fuse Holder for Mini Blade Type for Mini Blade Type



12GA Rated to 30A	14GA Rated to 20A	16GA Rated to 15A	18GA Rated to 10A	20GA Rated to 5A
AES-1612-01-12	AES-1612-01-14	AES-1612-01-16	AES-1612-01-18	
AES-1612-02-12	AES-1612-02-14	AES-1612-02-16	AES-1612-02-18	AES-1612-02-20
AES-1612-03-12	AES-1612-03-14	AES-1612-03-16	AES-1612-03-18	AES-1612-03-20
AES-1612-L01-12	AES-1612-L01-14	AES-1612-L01-16	AES-1612-L01-18	
AES-1612-L02-12	AES-1612-L02-14	AES-1612-L02-16	AES-1612-L02-18	AES-1612-L02-24

LED Type, Meet IP66
LED Type

Fuse Blocks for Mini Type

4 Fuses	6 Fuses	8 Fuses	10 Fuses	Input	Output Per Circuit	Input Terminals	Input Wire Size	Output Terminals	Output Wire Size
AES-1615-03-04	AES-1615-03-06	-	AES-1615-03-10	100A Max	30A	#10-32	#4-6AWG	Blades	#12-16AWG
AES-1615-04-04	AES-1615-04-06	-	AES-1615-04-10	100A Max	30A	#10-32	#4-6AWG	Blades	#12-16AWG
AES-1615-08-04	AES-1615-08-06	AES-1615-08-08	AES-1615-08-10	90A Max	15A	-	-	Blades	#12-16AWG

With LED



AES-1615-03-10



AES-1615-04-04



AES-1615-08-10

In Line Fuse Holder for MAX Blade Type



AES-1612-05

10GA Rated to 40A	6GA Rated to 80A	8GA Rated to 60A
AES-1612-05-10	AES-1612-05-06	AES-1612-05-08



Battery Terminals & Terminal Studs

Battery Terminals



Terminal Studs

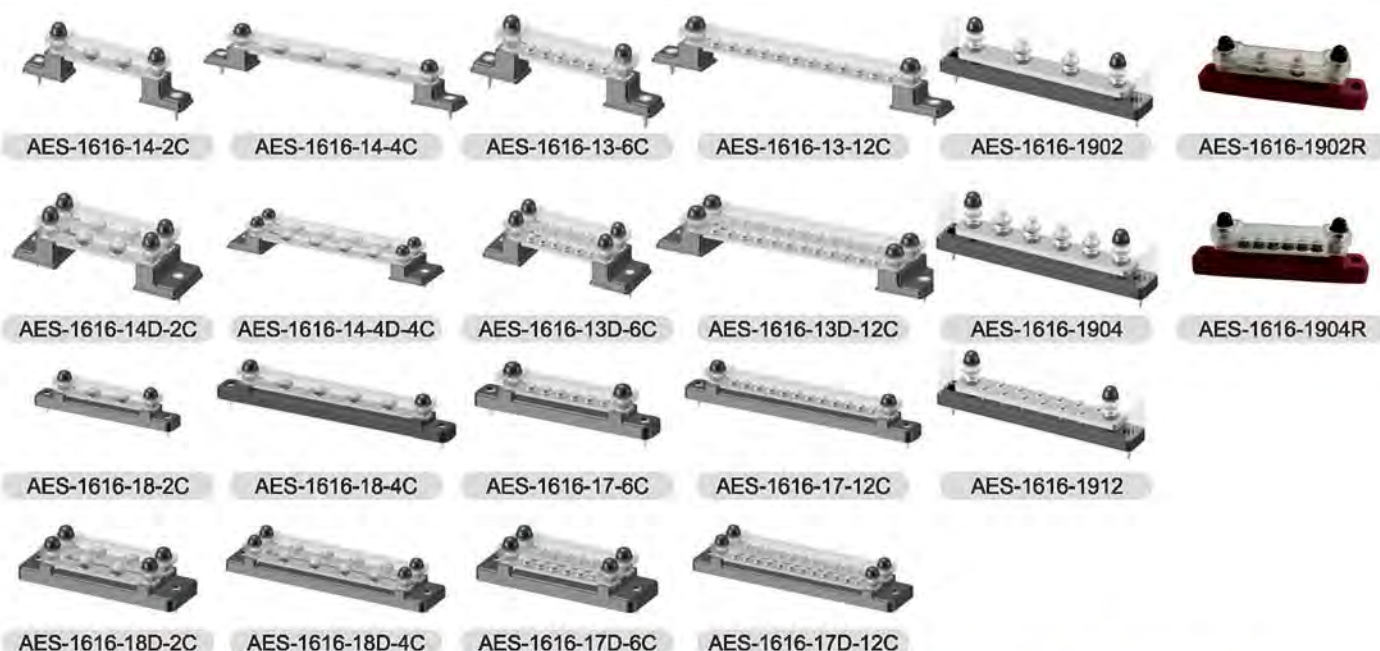
Stud Size	Single Stud	Single Stud + Plate	Dual Stud	Dual Stud + Link	Dual Stud + Isolated Plate	Remark
M10	AES-1616-15-1M10				AES-1615-15-2M10IP	1 pair: Red + Black (2PCS)
M6	AES-1616-15-1M6		AES-1615-15-2M6	AES-1615-2M6L	AES-1615-15-2M8IP	
M8	AES-1616-15-1M8		AES-1615-15-2M8	AES-1615-2M8L	AES-1615-15-2M68IP	
M8 + M10					AES-1615-15-2M68IP	With Cover, 1 PC (Black) only With additional Red Screw Cover (Red Base Available)
M6	AES-1616-151-1M6	AES-1616-151-1M6IP	AES-1616-151-2M6		AES-1616-151-2M6IP	
M8	AES-1616-151-1M8	AES-1616-151-1M8IP	AES-1616-151-2M8		AES-1616-151-2M8IP	



Busbars



AES P/N#	Rating	Stud	Screw	Cover AES P/N#
AES-1616-11	48VDC 100Amps	3/16"-24 * 2pcs (SS304)	#8-32 * 5pcs (SS304)	AES-1616-11-BC AES-1616-11RC-B/R AES-1616-11-C1T/B/R
AES-1616-11-10A	48VDC 150Amps	1/4"-20 * 2pcs (SS304)	#8-32 * 10pcs (SS304)	AES-1616-11-BCL AES-1616-11-C1LT/B/R
AES-1616-11-10B	48VDC 150Amps	1/4"-20 * 2pcs (Brass)	#8-32 * 10pcs (Brass)	
AES-1616-11-M14	48VDC 250Amps	5/16"-18 * 2pcs (SS304)	#10*24 * 6pcs (SS304)	
AES-1616-11-4A	48VDC 600Amps	3/8"-16*4 (SS304)	#8-32* (SS304)	AES-1616-11-BCH
AES-1616-11-6A	48VDC 250Amps	5/16"-18*6 (SS304)	-	AES-1616-11-BCHL



2P	4P	6P	12P	V DC	Amps	Studs	Screws	Low
		AES-1616-13-6C	AES-1616-13-12C	48	150A	M6 *2	M4	1
		AES-1616-13D-6C	AES-1616-13D-12C	48	150A	M6 *2	M4	2
AES-1616-14-2C	AES-1616-14-4C			48	150A	M6 *2	M6	1
AES-1616-14D-2C	AES-1616-14D-4C			48	150A	M6 *2	M6	2
		AES-1616-17-6C	AES-1616-17-12C	48	150A	M6 *2	M4	1
		AES-1616-17D-6C	AES-1616-17D-12C	48	150A	M6 *2	M4	2
AES-1616-18-2C	AES-1616-18-4C			48	150A	M6 *2	M6	1
AES-1616-18D-2C	AES-1616-18D-4C			48	150A	M6 *2	M6	2
AES-1616-1902-150	AES-1616-1904-150		AES-1616-1912-150	48	150A	M8 *2	M8	1
AES-1616-1902-300	AES-1616-1904-300		AES-1616-1912-300	48	300A	M8 *2	M8	1
AES-1616-1902-450	AES-1616-1904-450		AES-1616-1912-450	48	450A	M8 *2	M5	1

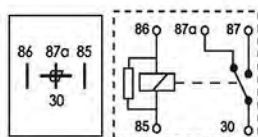
Relays & Solenoids

Relay

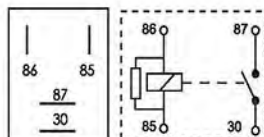
AES P/N#	VDC	Amps	Terminal
AES-01070-12	12	30	5
AES-01073-12	12	30	4
AES-0108101-12	12	30	5
AES-01086-12	12	40	4
AES-01086-24	24	40	4
AES-01086S-12	12	40	4
AES-01086S-24	24	40	4
AES-01089A01-12	12	40	4
AES-01092S-12	12	30/40	5
AES-01092S-24	24	20/30	5



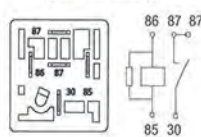
AES-01070-12



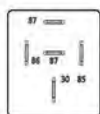
AES-01073-12



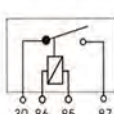
AES-0108101-12
(with Resistor)



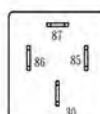
AES-01086-12



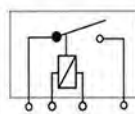
AES-01086-24



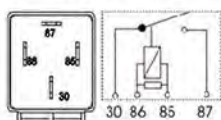
AES-01086S-12



AES-01086S-24



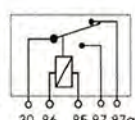
AES-01089A01-12
(with Resistor)



AES-01092S-12



AES-01092S-24



Forward & Reverse Relay

Ideal for vehicle lift or tarp operations and also anywhere an up/down, in/out, clockwise/counterclockwise control is needed, such as hoists, cherrypickers, tailgates, winches, snowplows, intake/exhaust fans, vehicle outriggers... Dynamic braking stops the motor when the switch returns to Off. Automatically reverses the direction of the motor when the appropriate control circuit is energized.

AES P/N#	V DC	Amps Continuous
AES-1511-211	12	80
AES-1511-211-24	24	40



AES-1511-211

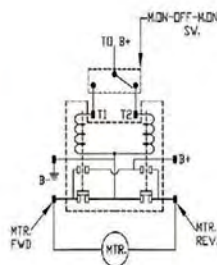


AES-1511-211S

AES P/N#	V DC	Amps Continuous
AES-1511-215	12	75



AES-1511-215



AES-1511-215S



Solenoids



AES-F503



AES-F503-3F

AES P/N#	V DC	Amps Continuous	Type	Terminal
AES-F503	12	80	Grounded	4
AES-F504	24	40	Grounded	4
AES-F503-3T	12	80	Insulated	3
AES-F504-3T	24	40	Insulated	3



AES-C172



AES-C172-3T

AES P/N#	V DC	Amps Continuous	Type	Terminal
AES-C172	12	80~100A	Insulated	4
AES-C173	24	80~100A	Insulated	4
AES-C172-3T	12	80~100A	Grounded	3
AES-C173-3T	24	80~100A	Grounded	3



AES-E205S

AES P/N#	V DC	Amps Continuous	Type	Terminal
AES-E205S	12	200	Insulated	4
AES-E205S-1	24	200	Insulated	4



AES-1511-207-2



AES-1511-207-2A

AES P/N#	V DC	Amps Continuous	Type	Terminal
AES-1511-207-2	12	100	Insulated	4
AES-1511-207-2-24	24	100	Insulated	4
AES-1511-207-2A	12	100	Grounded	3
AES-1511-207-2A-24	24	100	Grounded	3

Push Pull Switch

AES P/N	V DC	Amps	Knob Material	Position	Function	Terminal
AES-1212-11	12	10A	Chromed Plastic	2	OFF-ON	2
AES-1212-11A	12	10A	Chromed Brass	2	OFF-ON	2
AES-1212-12	12	10A	Chromed Plastic	3	OFF-ON-ON	3
AES-1212-12A	12	10A	Chromed Brass	3	OFF-ON-ON	3
AES-1212-13	12	10A	Chromed Plastic	3	OFF-ON-ON	4
AES-1212-13A	12	10A	Chromed Brass	3	OFF-ON-ON	4



AES-1212-11



AES-1212-12



AES-1212-13



AES-1212-11A



AES-1212-12A



AES-1212-13A

Push Button Switch

AES P/N	V DC	Amps	Cap
AES-1217-11	12	10A	No
AES-1217-12	12	10A	Yes
AES-1217-13	12	10A	No
AES-1217-14	12	10A	Yes
AES-1217-14AR	12	30A	Yes - RED
AES-1217-14AB	12	30A	Yes - Black



AES-1217-11



AES-1217-13



AES-1217-14AR



AES-1217-12



AES-1217-14



AES-1217-14AB





AES-1118-891



AES-1118-892

AES P/N	LED	Function	Wiring	Rating
AES-1118-891	1	OFF-ON	4	12VDC/24VDC 0.5A Mounting Hole: 21.2*37.2mm
AES-1118-892	2	OFF-ON (2 sets)	5	

Metal Push Button



AES-1117-39-

	Mounting Hole (mm)	Function	Operation Type	Light Type		Lamp Color		Lamp Voltage	
12	Φ12	1	M	None	None	N	No LED	06	6V
16	Φ16	2	Z	S	Spot	W	White	12	12V
19	Φ19	3	I	R	Ring	R	Red	24	24V
22	Φ22	4		M	MultiPoint	G	Green		
25	Φ25	5		P	Power	B	Blue		
28	Φ28			C	Circuit	Y	Yellow		
30	Φ30			Q	Power+Ring	O	Orange		
				D	Ring				

Touch Switch



AES-1118-90A
(Etched Symbol)



AES-1118-90B
(Label)



AES P/N	LED	Function	Pin	Remark	Rating
AES-1118-90A	1	OFF-ON	2	Etched Symbol	12VDC/24VDC 10A Mounting Hole: Φ 24mm
AES-1118-90B	1	OFF-ON	2	with Label	

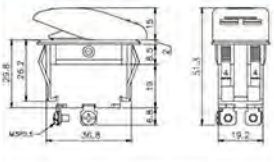
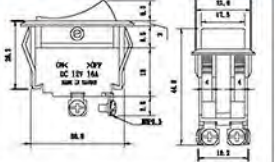
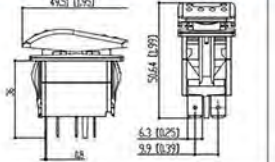
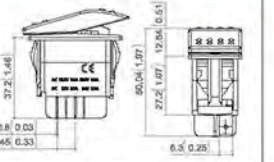
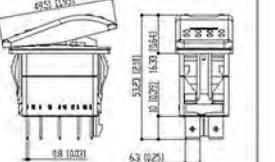
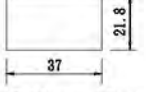
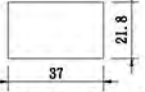
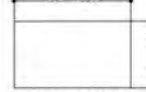
Weather-resistant Rocker Switches for universal applications.

Standard Type				
Rating	12V DC 16A; 24V DC 10A		12V DC 16A; 24V DC 10A	
Base	6 Terminal Base, Standard Type 		6 Terminal Base, Standard Type 	
Terminal Type	Screw / Pin		Screw / Pin	
IP Rating	IP55		IP55	
Mounting Hole	37 x 21.8mm		37 x 21.8mm	
Illumination	None	Yes(Blub)	None	Yes(Blub)
Single Pole 				
ON-OFF	AES-1118-51	AES-1118-53	AES-1118-58	AES-1118-59
(ON)-OFF	AES-1118-51M	AES-1118-53M	AES-1118-58M	AES-1118-59M
ON-ON	AES-1118-51A	AES-1118-53A	AES-1118-58A	AES-1118-59A
(ON)-ON	AES-1118-51AM	AES-1118-53AM	AES-1118-58AM1	AES-1118-59AM1
ON-OFF-ON	AES-1118-51B	AES-1118-54B	AES-1118-58B	AES-1118-59B
(ON)-OFF-(ON)	AES-1118-51BM	AES-1118-54BM	AES-1118-58BM	AES-1118-59BM
(ON)-OFF-ON	AES-1118-51BM1	AES-1118-54BM1	AES-1118-58BM1	AES-1118-59BM1
Double Pole 				
ON-OFF	AES-1118-52	AES-1118-54	AES-1118-56	AES-1118-57
(ON)-OFF	AES-1118-52M	AES-1118-54M	AES-1118-56M	AES-1118-57M
ON-ON	AES-1118-52A	AES-1118-55A	AES-1118-56A	AES-1118-57A
(ON)-ON	AES-1118-52AM	AES-1118-55M	AES-1118-56AM	AES-1118-57AM
ON-OFF-ON	AES-1118-52B	AES-1118-55B	AES-1118-56B	AES-1118-57B
(ON)-OFF-(ON)	AES-1118-52BM	AES-1118-55BM	AES-1118-56BM	AES-1118-57BM
(ON)-OFF-ON	AES-1118-52BM1	AES-1118-55BM1	AES-1118-56BM1	AES-1118-57BM1
ON-ON-ON				
(ON)-ON-ON				
ON-ON-OFF				
(ON)-ON-OFF				

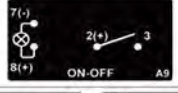
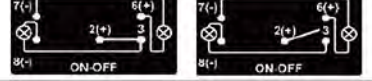


					
12V DC 20A; 24V DC 10A		12V DC 20A; 24V DC 10A		12V DC 20A; 24V DC 10A	
8 Pin Base, Standard Type		8 Pin Base, Barrier Type		10 Pin Base, Standard Type	
					
Pin		Pin		Pin	
IP66		IP66		IP66	
37.2x 21.2mm		37.2x 21.2mm		37.2x 21.2mm	
None	Yes(Led)	None	Yes(Led)	None	Yes(Led)
					
AES-1118-81P	AES-1118-83P	AES-1118-85P	AES-1118-87P	AES-1118-101P	AES-1118-103P
AES-1118-81PM	AES-1118-83PM	AES-1118-85PM	AES-1118-87PM	AES-1118-101PM	AES-1118-103PM
AES-1118-81PA	AES-1118-83PA	AES-1118-85PA	AES-1118-87PA	AES-1118-101PA	AES-1118-103PA
AES-1118-81PAM	AES-1118-83PAM	AES-1118-85PAM	AES-1118-87PAM	AES-1118-101PAM	AES-1118-103PAM
AES-1118-81PB	AES-1118-83PB	AES-1118-85PB	AES-1118-87PB	AES-1118-101PB	AES-1118-103PB
AES-1118-81PBM	AES-1118-83PBM	AES-1118-85PBM	AES-1118-87PBM	AES-1118-101PBM	AES-1118-103PBM
AES-1118-81PBM1	AES-1118-83PBM1	AES-1118-85PBM1	AES-1118-87PBM1	AES-1118-101PBM1	AES-1118-103PBM1
					
AES-1118-82P	AES-1118-84P	AES-1118-86P	AES-1118-88P	AES-1118-102P	AES-1118-104P
AES-1118-82PM	AES-1118-84PM	AES-1118-86PM	AES-1118-88PM	AES-1118-102PM	AES-1118-104PM
AES-1118-82PA	AES-1118-84PA	AES-1118-86PA	AES-1118-88PA	AES-1118-102PA	AES-1118-104PA
AES-1118-82PAM	AES-1118-84PAM	AES-1118-86PAM	AES-1118-88PAM	AES-1118-102PAM	AES-1118-104PAM
AES-1118-82PB	AES-1118-84PB	AES-1118-86PB	AES-1118-88PB	AES-1118-102PB	AES-1118-104PB
AES-1118-82PBM	AES-1118-84PBM	AES-1118-86PBM	AES-1118-88PBM	AES-1118-102PBM	AES-1118-104PBM
AES-1118-82PBM1	AES-1118-84PBM1	AES-1118-86PBM1	AES-1118-88PBM1	AES-1118-102PBM1	AES-1118-104PBM1
AES-1118-82PC	AES-1118-84PC	AES-1118-86PC	AES-1118-88PC	AES-1118-102PC	AES-1118-104PC
AES-1118-82PCM	AES-1118-84PCM	AES-1118-86PCM	AES-1118-88PCM	AES-1118-102PCM	AES-1118-104PCM
AES-1118-82PD	AES-1118-84PD	AES-1118-86PD	AES-1118-88PD	AES-1118-102PD	AES-1118-104PD
AES-1118-82PDM	AES-1118-84PDM	AES-1118-86PDM	AES-1118-88PDM	AES-1118-102PDM	AES-1118-104PDM

Rocker Switches

AES-1118-51~ AES-1118-55 Serial	AES-1118-56~ AES-1118-59 Serial	AES-1118-81~ AES-1118-84 Serial	AES-1118-85~ AES-1118-88 Serial	AES-1118-101~ AES-1118-104 Serial
				
				
Panel Thickness: 4.5mm Max	Panel Thickness: 4.5mm Max		Panel Thickness: 4.5mm Max (For AES-1118-81~)	

ILLUMINATION WORKING MODE

Mode	AES P/N (Example)	Power in	Switch ON (Push Down)	Diagram
Standard Type	AES-1118-83P	no light	Top LED illuminated	
Independent Type	AES-1118-830P	no light	LED illuminated (7-8)	
Low LED always illuminated	AES-1118-832P	Low LED illuminated	Low + Top LEDs illuminated	
Top LED always illuminated	AES-1118-833P	Top LED illuminated	Low + Top LEDs illuminated	

Accessory for AES-1118-81 Serial



AES-PA5



AES-PA6



AES-PA7



AES-PA8



PA-111881-CT



PA-1118101-CT



PA-111881-ART

Marine Switch Label



Vehicle Switch Label



Actuator Type

Printing Symbol



Etched Symbol

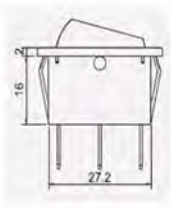




AES P/N	Light	Function	Terminal	Rating
AES-1118-63	0	OFF-ON	2	12V 16A 24V 10A
AES-1118-63A	0	ON-ON	3	
AES-1118-63B	0	ON-OFF-ON	3	
AES-1118-63C-R	Bulb*1 (Red)	OFF-ON	3	12V 16A or 24V 10A



AES-1118-63



AES-1118-63C-BL



AES-1118-63C-G



AES-1118-63C-O

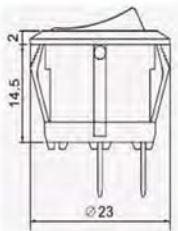


AES-1118-63C-R

AES P/N	Light	Function	Terminal	Rating
AES-1118-77	0	OFF-ON	2	14V 20A 28V 10A
AES-1118-77M	0	OFF-(ON)	2	
AES-1118-77-A	0	ON-OFF-ON	3	
AES-1118-77-B	0	ON-ON	3	14V 20A or 28V 10A
AES-1118-77A-R	Bulb*1 (Red)	OFF-ON	3	
AES-1118-77AL-R	LED*1 (Red)	OFF-ON	3	
AES-1118-77AL-RM	LED*1 (Red)	OFF-(ON)	3	14V 20A or 28V 10A
AES-1118-773-1	LED * 1	OFF-ON	3	
AES-1118-773-2	LED * 2	OFF-ON	3	
AES-1118-773-2M	LED * 2	OFF-(ON)	3	14V 20A or 28V 10A
AES-1118-773L	LED * 2	OFF-ON	4	
AES-1118-773L-A	LED * 3	ON-OFF-ON	4	
AES-1118-773L-B	LED * 3	ON-ON	4	



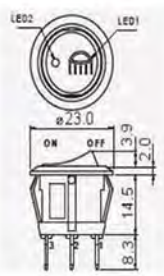
AES-1118-77



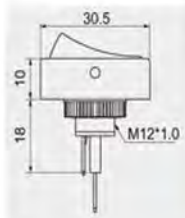
AES-1118-77A-R



AES-1118-773L



AES-1118-78



AES P/N	Light	Function	Terminal	Rating
AES-1118-78	0	OFF-ON	2	12V 30A
AES-1118-78A-R	Bulb *1	OFF-ON	3	
AES-1118-78AL-R	LED*1 (Red)	OFF-ON	3	



AES-1118-78A-R



AES-1118-78AL-R

AES PN#	Fixed Type	AES PN#	Momentary Type	Pole	Terminal	Light	V DC	Amps	IP Rating	Remark
AES-1118-12	OFF-ON	AES-1118-12M	OFF-(ON)	1	2	0	12	10		
AES-1118-14	ON-OFF-ON	AES-1118-14M	(ON)-OFF-(ON)	1	3	0	12	10		
AES-1118-14A	ON-ON			1	3	0	12	10		
AES-1118-15	ON-OFF-ON	AES-1118-15M	(ON)-OFF-(ON)	2	6	0	12	10		
AES-1118-15A	ON-ON			2	6	0	12	10		
AES-1118-15B	OFF-ON			2	4	0	12	10		
AES-1118-13N	OFF-ON			1	2	0	12	50		
AES-1118-22N	ON-OFF-ON			1	3	0	12	50		
AES-1118-27	OFF-ON			1	2 Wires	0	24	15	IP67	
AES-1118-27A	ON-OFF-ON			1	3 Wires	0	24	15	IP67	
AES-1118-30	OFF-ON			1	2	0	12	10		
AES-1118-36	OFF-ON			1	2 Wires	0	12	10		
AES-1118-39CF	OFF-ON			1	2	0	12	10		AES-1118-12 + Safety Cover
AES-1118-40R	OFF-ON			1	2	0	12	20		AES-1118-43 + Safety Cover
AES-1118-43	OFF-ON	AES-1118-43M	OFF-(ON)	1	2	0	12	20		
AES-1118-43A	ON-ON	AES-1118-43AM	(ON)-ON	1	3	0	12	20		
AES-1118-43B	ON-OFF-ON	AES-1118-43BM	(ON)-OFF-(ON)	1	3	0	12	20		
		AES-1118-43BM1	(ON)-OFF-ON	1	3	0	12	20		
AES-1118-46	OFF-ON	AES-1118-46M	OFF-(ON)	2	4	0	12	20		
AES-1118-46A	ON-ON	AES-1118-46AM	(ON)-ON	2	6	0	12	20		
AES-1118-46B	ON-OFF-ON	AES-1118-46BM	(ON)-OFF-(ON)	2	6	0	12	20		
		AES-1118-46BM1	(ON)-OFF-ON	2	6	0	12	20		
AES-1118-44R	OFF-ON			1	3	1	12	20		LED Color: RED/Blue/Yellow/Blue
AES-1118-45R-T	OFF-ON			1	3	1	12	20		AES-1118-44R + Safety Cover
AES-1118-48	OFF-ON	AES-1118-48M	OFF-(ON)	1	2	0	12	20		
AES-1118-48A	ON-ON			1	3	0	12	20		
AES-1118-48B	ON-OFF-ON			1	3	0	12	20		
AES-1118-48C-R	ON-OFF			1	3	1	12	20		Lever: Red/Green/Blue/Yellow
AES-1118-49	OFF-ON			1	2	0	12	20		
AES-1118-49A	ON-ON			1	3	0	12	20		
AES-1118-49B	ON-OFF-ON			1	3	0	12	20		
AES-1118-49C-R	ON-OFF			1	3	1	12	20		Lever: Red/Green/Blue/Yellow
AES-1118-71	ON-OFF	AES-1118-71M	(ON)-OFF	1	2	0	12V 20A 24V 10A			
AES-1118-71A	ON-ON	AES-1118-71AM	(ON)-ON	1	3	0				
AES-1118-71B	ON-OFF-ON	AES-1118-71BM	(ON)-OFF-(ON)	1	3	0				
		AES-1118-71BM1	(ON)-OFF-ON	1	3	0				
AES-1118-73	ON-OFF	AES-1118-73M	(ON)-OFF	1	3	1				
AES-1118-73A	ON-ON	AES-1118-73AM	(ON)-ON	1	4	2				
AES-1118-73B	ON-OFF-ON	AES-1118-73BM	(ON)-OFF-(ON)	1	4	2				
		AES-1118-73BM1	(ON)-OFF-ON1	1	4	2				



Sealed Togge Switch
12VDC 20Amps
IP69K



AES-1118-91-
AES-1118-91W-

Pole		Lever Type		Fuction	
1	Single	P	 Plastic	1	ON-OFF-ON
2	Double			2	OFF-ON
				3	ON-ON
				4	(OFF)-ON
		B	 Metal Ball	5	(ON)-OFF-ON
				6	(ON)-OFF
				7	(ON)-OFF-(ON)
				8	(ON)-ON
				10	ON-ON-ON
				12	ON-ON-ON
				21	NONE-OFF-ON
				31	NONE-ON-ON
				50	(ON)ONON
				51	NONE-ON-(ON)
				61	(ON)-OFF
				70	(ON)-ON-(ON)
				+L	With Lock

AES-1118-92-
AES-1118-92W-



Termnial Type	Pole	Lever Type		Fuction	
P	1	Single	 Plastic	1	ON-OFF-ON
	2			2	OFF-ON
2		Double	 Metal Ball	3	ON-ON
				4	(OFF)-ON
S				5	(ON)-OFF-ON
				6	(ON)-OFF
				7	(ON)-OFF-(ON)
				8	(ON)-ON
				10	ON-ON-ON
				12	ON-ON-ON
				21	NONE-OFF-ON
				31	NONE-ON-ON
				50	(ON)ONON
				51	NONE-ON-(ON)
				61	(ON)-OFF
				70	(ON)-ON-(ON)
				+L	With Lock

AES-1118S-	Type	Panel			Nut	Cover	
		Front	Back	Tent			
P	Power Socket	1 Hole	1	2	1	Standard Nut	8
U	USB Charger	2 Hole	AES-1214-38	AES-1214-39	2	Quick Nut	9
C	Cigarette Socket	3 Hole	AES-1214-383	AES-1214-393	3	Hex Nut	A
V	Voltage meter	4 Hole	AES-1214-394		4	Cylinder Type	B
A	Amperage Meter						
B	Volt/Amps Meter						
M	European Socket	Others	T	H	5	Cigarette	C
G	Power Socket		BUS	DSE (End)	6	DC Power M	D
E	Engel Socket			DSM (Middle)		12V/24V	24V
							USB INPUT 12~24V DC





Type	AES P/N#	V DC	Amps	Port	Remark
Power Socket	AES-1118S-P011	12VDC 20A 24VDC 15A		-	-
	AES-1118S-P011BL			-	PCB Illuminated Power Socket (Blue)
	AES-1118S-EL			-	Engle Socket
	AES-1118S-EP			-	Engle Plug
	AES-1118S-EL-S			-	Engle Socket + Plug
	AES-1118S-EAP			-	Power Plug
	AES-1118S-EAL-S			-	Power Plug + Socket AES-1118S-P011
	AES-1118S-M015			-	European Socket
USB Charger	AES-1118S-U013	12~24	3.1	2	Output: 5V, 3.1A in Total
	AES-1118S-UA013	12~24	3.1	2	Output: 5V, 3.1A in Total
	AES-1118S-UB013	12~24	2.4	1	Output: 5V, 2.4A
	AES-1118S-UB013-2	12~24	4.8	2	Output: 5V 2.4A / 2.4A
	AES-1118S-UC014	12~24	2.4	1	Output: 5V, 2.4A
	AES-1118S-UC014-2	12~24	4.8	2	Output: 5V 2.4A / 2.4A
	AES-1118S-UC014-HC	12~24	4.8	2	Output: 5V 2.4A / 2.4A
	AES-1118S-UE015	12~24	4.8	2	Output: 5V 2.4A / 2.4A
	AES-1118S-UF01F	12~24	-	2	5V 2.4A DC + QC3.0 (3.6V~12V MAX 36W)
	AES-1118S-UG01G	12~24	-	2	QC3.0 (3.6V~12V MAX 36W) + PD4.0 (5V~20V MAX 60W)
	AES-1118S-UH010	12~24	4.8	2	Output: 5V 2.4A / 2.4A
	AES-1118S-UV	6~30	4.2	1	USB Port Output: 5V, 4.2A, + Volt Meter
	AES-1118S-UL007	12~24	3.1	2	Output: 5V, 3.1A in Total
	AES-1118S-UL007-C	12~24	4.8	2	Output: 5V 2.4A / 2.4A
	AES-1118S-ULA013	6~30	4.2	2	USB Port Output: 5V, 4.2A + Volt Meter
USB Charger AES-1118S-UT Serial	AES-1118S-ULB	12~24	3.1	2	Output: 5V, 3.1A in Total
	AES-1118S-UT			2	PD4.0(5V~20V MAX 60W) + PD4.0 (5V~20V MAX 60W)
	AES-1118S-UT3	12~24		3	PD4.0(5V~20V MAX 60W) + 5V 2.4 / 2.4
	AES-1118S-UTP			2	QC3.0(3.6V~12V MAX 36W) + PD4.0(5V~20V MAX 60W) + Power (Touch ON)
	AES-1118S-UTV	6~30		2	QC3.0(3.6V~12V MAX 36W) + PD4.0(5V~20V MAX 60W)+ Volt Meter
	AES-1118S-UTW			2	PD4.0(5V~20V MAX 60W) + PD4.0(5V~20V MAX 60W)
	AES-1118S-UT3W	12~24		3	PD4.0(5V~20V MAX 60W) + 5V 2.4 / 2.4
Cigarette Socket	AES-1118S-UTPW			2	QC3.0(3.6V~12V MAX 36W) + PD4.0(5V~20V MAX 60W) + Power (Touch ON)
	AES-1118S-UTVW	6~30		2	QC3.0(3.6V~12V MAX 36W) + PD4.0(5V~20V MAX 60W) + Volt Meter
Voltage Meter	AES-1118S-C004	12	10		
	AES-1118S-V010A	6~30			
	AES-1118S-V010A-2	6~60			
	AES-1118S-VL-2	6~60			
	AES-1118S-DV12/24	6~30			
Amperage Meter	AES-1118S-DOV010	8~60			
	AES-1118S-A010		0~10		
	AES-1118S-DOA2010		8~60		Dual Amperage Meter
Volt/Amps Meter	AES-1118S-DOA010		0~100		
	AES-1118S-B010	6~30	0~10		
Temperature Meter	AES-1118S-DOB010	8~60	0~10		
	AES-1118S-T010	12~24			-40~125°C
	AES-1118S-DOT010	12~24			-40~125°C



AES-1118S-UA013



AES-1118S-UB013



AES-1118S-UB013-2



AES-1118S-UC014



AES-1118S-UC014-2



AES-1118S-UC014-HC



AES-1118S-UE015



AES-1118S-UF01F



AES-1118S-UG01G



AES-1118S-UH010



AES-1118S-UV



AES-1118S-UL007



AES-1118S-UL007-C



AES-1118S-A010



AES-1118S-DOA2010



AES-1118S-DOA010



AES-1118S-B010



AES-1118S-DOB010



AES-1118S-ULA013



AES-1118S-ULB

AES P/N#	3 Set	4 Set	6 Set	8 Set	Remark
AES-1214-13					Ignition Switch AES-1211-12A+ Kill Switch AES-1213-12B
	AES-1214-14A		AES-1214-15A		Rocker Switch + A: Circuit Breaker
	AES-1214-14B		AES-1214-15B		Rocker Switch + B: Fuse Holder
	AES-1214-16A				A: W/Circuit Breaker
	AES-1214-16B				B: W/Fuse Holder
	AES-1214-17A				A: W/Circuit Breaker
	AES-1214-17B				B: W/Fuse Holder
			AES-1214-19		W/Circuit Breaker
	AES-1214-20		AES-1214-21		W/Fuse Holder
					Toggle Switch + Fuse Holder
	AES-1214-22		AES-1214-22-6		W/Fuser Holder
		AES-1214-31-4	AES-1214-31-6	AES-1214-31-8	W/Circuit Breaker
		AES-1214-32-4	AES-1214-32-6	AES-1214-32-8	W/Fuser Holder
		AES-1214-33-4	AES-1214-33-6	AES-1214-33-8	W/Circuit Breaker
		AES-1214-34-4	AES-1214-34-6	AES-1214-34-8	W/Circuit Breaker
		AES-1214-35-4	AES-1214-35-6	AES-1214-35-8	W/Circuit Breaker (2-colors indicator)
		AES-1214-35P-4	AES-1214-35P-6	AES-1214-35P-8	W/Fuse Holder
		AES-1214-36-4	AES-1214-36-6	AES-1214-36-8	W/Fuse Holder (2-colors indicator)
AES-1214-43		AES-1214-36P-4	AES-1214-36P-6	AES-1214-36P-8	Small Panel



Small Panel

Available to combine with AES-1214-35(P) or AES-1214-36(P) as a complete set.

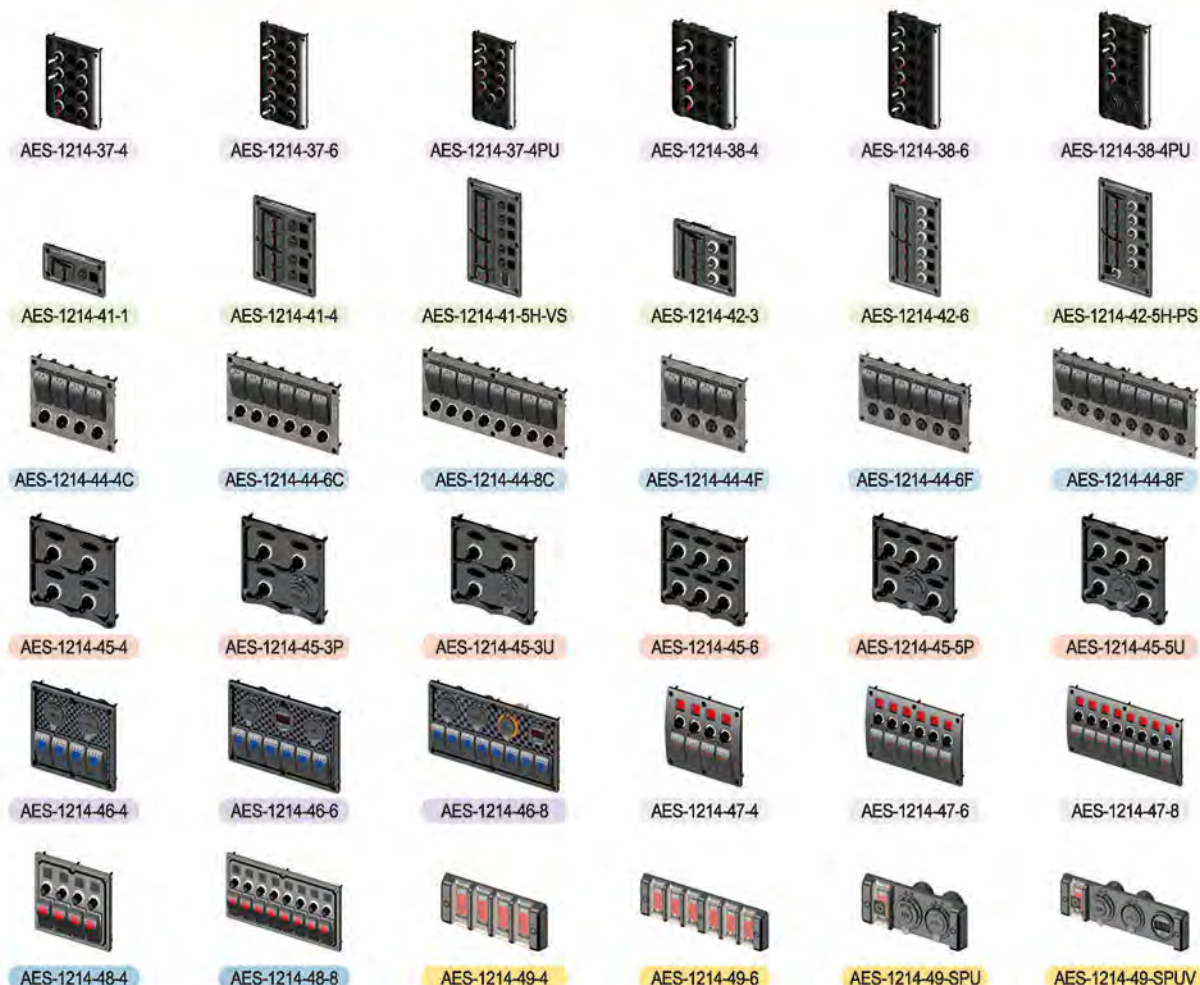
Power Socket Panel - Power Socket - 10A Circuit Breaker USB Socket Panel - 2 Port USB Socket - 5A Circuit Breaker Cigarette Socket Panel - Cigarette Lighter Socket - 10A Circuit Breaker DC Voltmeter Panel - DC Voltmeter - 5A Circuit Breaker Power Socket Panel - 12V 16A Power Socket - 10A Circuit Breaker



Battery Test Panel - Toggle Switch - DC Voltmeter Battery Test Panel - Rocker Switch ON-OFF-ON - DC Voltmeter Bilge Pump Switch Panel - Rocker Switch (ON)-OFF-ON - 10A Circuit Breaker Bilge Pump Switch Panel - Rocker Switch (ON)-OFF-ON - 10A Circuit Breaker



AES P/N#	3 Set	4 Set	6 Set	8 Set	Remark
		AES-1214-37-4	AES-1214-37-6		Toggle Switch + Circuit Breaker W/Power Socket * & USB Socket (Other Sockets available)
		AES-1214-38-4	AES-1214-38-6		Toggle Switch + Fuse Holder W/Power Socket * & USB Socket (Other Sockets available)
AES-1214-41-1	AES-1214-41-3	AES-1214-41-4	AES-1214-41-6 AES-1214-41-5PS	AES-1214-41-8 AES-1214-41-7PS AES-1214-41-5PS-VM	Fuse Holder included W/Power Socket W/Power Switch + Voltmeter
AES-1214-41-1H			AES-1214-41-5H-PS AES-1214-41-5H-US AES-1214-41-5H-CS AES-1214-41-5H-VS	AES-1214-41-7H-PS	W/Power Socket W/USB Socket W/Cigarette Socket W/Voltmeter
AES-1214-42-1 AES-1214-41-1H	AES-1214-42-3	AES-1214-42-4	AES-1214-42-6 AES-1214-42-5PS	AES-1214-42-8 AES-1214-42-7-PS AES-1214-42-5PS-VM AES-1214-42-7H-PS	Circuit Breaker Included W/Power Socket W/Power Switch + Voltmeter W/Power Socket W/USB Socket W/Voltmeter
			AES-1214-42-5H-PS AES-1214-42-5H-US AES-1214-42-5H-VS		
		AES-1214-44-4C AES-1214-44-4F	AES-1214-44-6C AES-1214-44-6F	AES-1214-44-8C AES-1214-44-8F	Circuit Breakers Included Fuse Holder included
		AES-1214-45-4 AES-1214-45-3P AES-1214-45-3U AES-1214-45-3C AES-1214-45-3V	AES-1214-45-6 AES-1214-45-5P AES-1214-45-5U AES-1214-45-5C AES-1214-45-5V		W/Power Socket W/USB Socket W/Cigarette Socket W/Voltmeter
		AES-1214-46-4 AES-1214-47-4 AES-1214-48-4	AES-1214-46-6 AES-1214-47-6 AES-1214-48-6	AES-1214-46-8 AES-1214-47-8 AES-1214-48-8	Fuse Holder included Circuit Breakers Included Circuit Breakers Included
AES-1214-49-SPU AES-1214-49-SPUV		AES-1214-49-4	AES-1214-49-6		Circuit Breakers Included



AES P/N#	3 Set	4 Set	6 Set	8 Set	Remark
		AES-1214-491-4	AES-1214-491-6	AES-1214-491-8	Fuse Holders Included, with Power Socket
		AES-1214-492A-4	AES-1214-492A-6	AES-1214-492A-8	Fuse Holders Included
		AES-1214-492B-4	AES-1214-492B-6	AES-1214-492B-8	Fuse Holders Included
AES-1214-493-2	AES-1214-493-3	AES-1214-439-4	AES-1214-493-6	AES-1214-493-8	
AES-1214-493-2P		AES-1214-493-4P	AES-1214-493-6P		



AES-1214-491-4



AES-1214-491-6



AES-1214-491-8



AES-1214-492A-4



AES-1214-492A-6



AES-1214-492A-8



AES-1214-492B-4



AES-1214-492B-6



AES-1214-492B-8



AES-1214-493-2



AES-1214-493-3



AES-1214-439-4



AES-1214-493-6



AES-1214-493-8



AES-1214-493-2P



AES-1214-493-4P



AES-1214-493-6P

Touch Panel					Remark
AES P/N#	3 Set	4 Set	6 Set	8 Set	
		AES-1214-50-4	AES-1214-50-6	AES-1214-50-8	Circuit Breakers Included
			AES-1214-51-6	AES-1214-51-8	
				AES-1214-52-8	



AES-1214-50-4



AES-1214-50-6



AES-1214-50-8



AES-1214-51-6



AES-1214-51-8

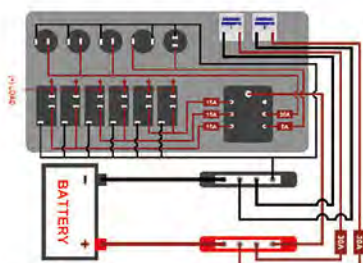


AES-1214-52-8

Power Control Box



AES-1214-61



Specification:
 Rocker Switch *6
 Power Socket *3
 Dual Port USB Socket *1
 Voltmeter *1
 Anderson Connector *2
 Fuse Box *1
 Bus Bar *2
 Fuse: 5A*1+15A*3+20A*1+30A*2
 Wire: 1015/10AWG & 1015/14AWG



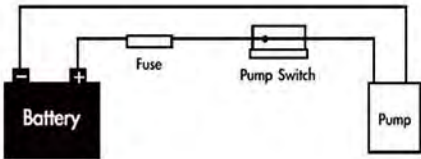
Bilge Pump Switches



AES P/N	Function	Terminal	Rating	Remark
AES-1213-11	OFF-ON	2 wires	12V DC 15Amps	A: AUTO-OFF-AUTO
AES-1214-18A	ON-OFF-ON	Wires	12VDC 20Amps	B: AUTO-OFF-Manual
AES-1214-18B	(ON)-OFF-ON	Wires	24VDC 10Amps	10A Circuit Breaker included
AES-1214-43-R	(ON)-OFF-ON	4	12VDC 20Amps 24VDC 10Amps	10A Circuit Breaker included
AES-1214-43-RA	(ON)-OFF-ON	4		20A Circuit Breaker included
AES-1214-43-RB-C	(ON)-OFF-ON	4		15A Fuse Holder included
AES-1214-43-RB-H	(ON)-OFF-ON	4		



AES-1213-11



AES-1214-18



AES-1214-43-R



AES-1214-43-RA



AES-1214-43-RB-C



AES-1214-43-RB-F

The marine emergency cut-off Universal Kill Switch attaches to your life vest or wrist while operating a boat or personal watercraft and is designed to instantly cut battery power when detached.



AES-1213-12



AES-1213-12B



AES-1213-12C



AES-1213-12C-1



AES-1213-12C-2



AES-1213-12C-4



AES-1213-15

AES-1213-15A

AES-1213-15B



AES-1213-16



AES-1213-17

AES P/N#	Function	Terminal	Wire Length (cm)	V DC	Amps	Remark
AES-1213-12	When Fork is inserted to switch: Terminal NC-NC is ON; Terminal NO-NO is OFF.	4	-	12	10	Dual circuitry allows kill switch to be wire for either ignition kill or magneto kill.
AES-1213-12B	When Clip is inserted to switch: Terminal M-M is ON; Terminal C-C is OFF.	4	-	12	10	
AES-1213-12C	When Clip is inserted to switch: OFF When Clip is inserted + Push Button: ON	2 wires	45	12	10	
AES-1213-12C-1			8	12	10	
AES-1213-12C-2			90	12	10	
AES-1213-12C-4			60	12	10	
AES-1213-15			65	12	10	
AES-1213-15A	Normal OFF, push button to ON	2 wires	10	12	10	
AES-1213-15B			90	1	10	
AES-1213-16	Normal OFF when cap ON.	2 wires	85	12	15	
AES-1213-17	Normal ON when cap ON.	2 wires	85	12	15	



Spare Key



AES-1213-12-010



AES-1213-12-015



AES-1213-12-016R



AES-1213-12-111R



AES-1213-12-113R



AES-1213-12-114R



AES-1213-12-115R



AES-1213-12-121R



AES-1213-12-123R



AES-1213-12-141R



AES-1213-12-143R



AES-1213-24-YA



AES-1213-24-SU



AES-1213-13-18



AES-1213-13-18-K10



HONDA
SUZUKI



NISSAN
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MERCURY
MARINER
FORCE



YAMAHA
SUZUKI



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JOHNSON
EVINRUDE



OMC
JOHNSON
EVINRUDE
HONDA



OMC
JOHNSON
EVINRUDE



MERCURY
MARINER
FORCE

AES P/N#	Description
AES-1213-12-010	Fits Sea-Doo RF-Dess Anti-Theft Tether Cord
AES-1213-12-015	Fits Sea-Doo Spark (Non Programmable).
AES-1213-12-016	Fits Sea-Doo RF-Dess Anti-Theft Tether Cord.
AES-1213-12-111	Sea-Doo floating standard lanyard
AES-1213-12-113	Sea-Doo Pro Floating lanyard
AES-1213-12-121	Fits Kawasaki, Polaris, Tigershark, Honda, WetJet 300
AES-1213-12-123	Kawasaki, Tigershark, Polaris and Wetjet lanyards
AES-1213-12-141	Yamaha floating standard lanyard
AES-1213-12-143	Yamaha Pro Floating Whistle Lanyard
AES-1213-13-18	7 Spare Keys
AES-1213-13-18-K10	10 Spare Keys
AES-1213-24-YA	Yamaha Floating Lanyard
AES-1213-24-SU	Suzuki Floating Lanyard



Contact AES for VEHICLE SWITCH catalogue, includes:

- Ignition Starter Switches
- Battery Disconnect Switches
- Rotary Switches
- Headlight Switches
- Dimmer Switches
- Neutral Ball Switches and
- Rocker Switches & Toggle Switches etc...





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