



TOP QUALITY
AUTO ELECTRIC PRODUCTS CO., LTD.

Vehicle Catalogue

Reliable Switch Solutions
for Every Journey

V-271



www.aes-autoparts.com.tw

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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Disclaimer

All OEM numbers, descriptions, and brand names are used for reference and cross-reference purposes only. The parts offered are high-quality aftermarket replacement products and are not manufactured by the original equipment manufacturers.

ISO9001 certified since 2001

Certificate TW01/00902

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

ISO 9001:2015

For the following activities

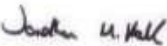
Manufacture of switches and parts for cars, commercial vehicles, tractors, forklift, marine and transportation vehicles.

Sale hardware accessories and switches for cars, commercial vehicles, tractors, forklifts, marines and transportation vehicles.



This certificate is valid from 05 July 2024 until 04 July 2027 and remains valid subject to satisfactory surveillance audits.

Issue 9 - Certified since 08 July 2001



Authorised by

Jonathan Hall

Global Head - Certification Services

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Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN, UK

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IATF 16949 certified since 2018

Certificate IATF 0528803
Certificate TW18/10259
The management system of

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

IATF USI: T2PSWF
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 Scope
Manufacture of isolator switches and ignition starter switches.

EXCLUSIONS : 8.3 Product Design

3 Year certification is valid from 05 July 2024 until 04 July 2027 and remains valid subject to satisfactory surveillance audits.
Version no. 4. Current version updated 05 July 2024


Authorised by
Shan Sung
Veto Power Authority
Contracted Office : SGS United Kingdom Ltd, Station Road, Oldbury, B69 4LN, UK.
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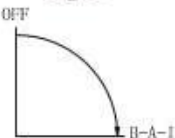




CH#95633-A

Lever Ignition Switch
12VDC 20Amps
2 Position

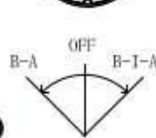
AES-1111-32



CH# 95523-04

Ignition Switch
3 Position Switch
ON-OFF-ON
Rating: 12VDC
Accessory: 15A
Ignition: 25A
Start: 12A

AES-1111-105



CH # 9576
(no knob)

3-Position Ignition & Start Switch
OFF-IGN/ACC-IGN/START
Spring return to IGN/ACC
12VDC, 4 screw terminals.
Accessory: 10A
Ignition: 5A
Start: 5A

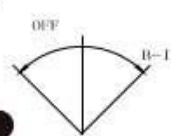
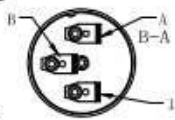
AES-1112-49



CH # 95593

Ignition Switch
12VDC, 10Amps
ON-OFF-ON
3 Screws
Key Code: 512

AES-1311-80P



CH # 9579

Ignition Switch
ON-OFF-ON-ON
12VDC
Accessory: 10 A
Ignition: 5 A
Start: 5 A

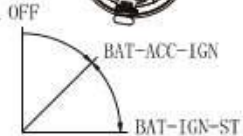
AES-1311-81



CH#95591

Ignition Starter Switch 12VDC
Accessory: 10 A
Ignition: 5 A
Start: 5 A
3 Positions, OFF-ON-START
4 Screws
With Lever Knob

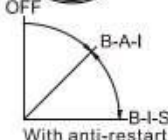
AES-1411-13B



SMP # US124KA
CH# 956-3126

Ignition Switch
OFF-ON-(ON), 4 Screws
Universal Non-Tumbler Key
With Anti-Restart
12VDC Accessory: 10
Ignition: 10A
Start: 5A
Ground: 1 A

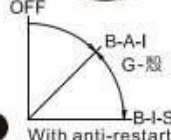
AES-1411-37B



CH# 956-3124

Ignition Switch
OFF-ON-(ON), 5 Screws
With Short Lever
With Anti-Restart
12VDC
Accessory: 10A
Ignition: 10A
Start: 5A
Ground: 1 A

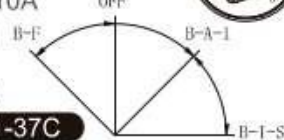
AES-1411-37B-1



CH# 956-9100

Heavy Duty Ignition Starter Switch
with Hencol Key*2
4 Position: ON-OFF-ON-(ON)
Universal Non-Tumbler Key
12VDC
Accessory: 10A
Ignition: 10A
Start: 5A
Ground: 1 A

AES-1411-37C



Rotary & Headlight Switches

Universal Rotary & Headlight Switches

Headlight Switches for Farm Tractors & Excavators
Stop Light Switches
Dimmer Switches



Universal Headlight Switch
3 Position, 4 Terminals

AES-1112-01



Universal Headlight Switch
3 Position, 5 Terminals

AES-1112-02



Universal Headlight Switch
12VDC 30Amps, ON-OFF

AES-1112-03



Illuminated Headlight Switch,
with LED 12VDC 30Amps,
ON-OFF

AES-1112-03A



Universal Headlight Switch
12VDC 30Amps,
OFF-ON-ON

AES-1112-04



Universal Headlight Switch
12VDC 30Amps,
OFF-ON-ON
With Fuse Protection

AES-1112-05



Universal Headlight Switch
4Position, OFF-ON-ON
12VDC/24VDC

AES-1112-06



Universal Headlight Switch
2Position, OFF-ON
12VDC/24VDC

AES-1112-07



SMP# DS-120

Universal Headlight Switch
6VDC 30Amps;
12VDC 15Amps.

AES-1112-10



Pollak # 35-300
SMP # 23664

Universal Headlight Switch
12VDC, 15Amps.
Switch is ON when pulled out.
2 Position - OFF/ON,
7/16" Diameter.

AES-1112-11



Pollak # 35-308
SMP # DS1835
General # 1600

Universal Headlight Switch
12VDC, 15Amps.
Switch is ON when pulled out.
5 Screw Terminals.
3 Position - OFF/ON/ON,
7/16" Diameter.

AES-1112-12



SMP # DS1835S

Universal Headlight Switch
12VDC, 15Amps.
Switch is ON when pulled out.
5 Screw Terminals.
3 Position - OFF/ON/ON,
7/16" Diameter.

AES-1112-12S

Universal Rotary & Headlight Switches

Headlight Switches for Farm Tractors & Excavators

Stop Light Switches

Dimmer Switches



Universal Headlight Switch,
12VDC, 15Amps.
4 Screw Terminals,
3 Position - OFF/ON/ON,
7/16" Diameter.

AES-1112-13



Universal Headlight Switch,
5 Screw Terminals,
3 Position - OFF/ON/ON.
Complete with 15 Amps Fuse.
Mounting Stem 7/16"
Diameter, 1/2" Long.

AES-1112-14

Pollak # 35-307
SMP # DS-121
General # 1602

SMP # DS142
Valley Forge # HS-85X
Pollak # 35-316
General # 1607



Universal Headlight Switch
3 Position - OFF/ON/ON
12VDC,
With 20Amps Circuit Breaker.
4 screw terminals,
2 stud terminals.
Push Pull for headlights,
Turn to Dim Panel.

AES-1112-15

SMP # DS141

Same as AES-1112-15,
except with 30Amps
circuit breaker.

AES-1112-15-1



CH # 7127

3 Position Headlight Switch
OFF-Park&Tail-Head-Tail
12VDC, 20Amps with 20A Fuse,
black knob printing "LIGHTS".
4 screw terminals, plated steel case
mounting stem with 7/16"-28 thread.

AES-1112-51



CH # 7124

3 Position Headlight Switch
OFF-Park&Tail-Head-Tail
12VDC, 15Amps
4 screw terminals, plated steel
case mounting stem with
7/16"-28 thread.

AES-1112-52



CH # 7112

Headlight and Worklight Switch
12VDC, 10Amps
4 Position: OFF-Park &
Tail - Low Bean &
Tail - High Bean & Tail
Thread: 3/8" - 24

AES-1112-55

Same as AES-1112-55
Except with Thread:
7/16" - 28

AES-1112-55A

Same as AES-1112-55
Except with Thread:
7/16" - 20

AES-1112-55B



CH # 75712-04

3 Position Reversing Rotary Switch
Great for Tarp Motor Snow Plow.
Convenient Momentary ON-OFF-ON
Control 4 Screw Terminals
Easily Unwind Electric Tarp System
On Dump Body Or Trailer.
Aluminum Plate With Wind And
Unwind Directions available.

AES-1411-19A



CH # 9568-03

OFF-(ON) Switch
With 2 screws

AES-1411-19B



CH# 90005-01

3 Position Reversing Rotary Switch
(ON)-OFF-(ON)
12VDC 15AMPS
Both Positions spring return
to OFF position

AES-1411-19C





SMP # DS-198
Valley Forge # HS-102
General # 1623
Echlin # HL-6634
Wells # Sw210

Headlight and Dash Light
Dimmer Switch
5350105, 5450558, 929955
Jeep 1974-'80

AES-1112-16



SMP # DS-188
Valley Forge # HS-90
General # 1672
Wells # SW-154
Echlin # HL-6541

Headlight Switch
C5DZ, C5TZ, C8UZ, D3UZ,
D3ZZ-11654A; C5TZ-11654B,
C5TZ-11654C, SW-435, 439,
504, 695, 718, 1153, 1245
Bronco 1966-'76 Comet 1970-'72
Falcon 1965-'70 Ford Truck 1965-'72
Maverick 1970-'72 Mustang 1965-'66,
1971-'72

AES-1112-18



SMP # DS-148
Valley Forge # HS-95
General # 1668
Echlin # HL-6038
Wells # SW-132

Headlight and Dash Light Dimmer Switch
Use w/o Hooded Headlights
C5AB, C5AZ-11654A, B, C5GB, C5GY,
C5OB, C5OZ, D3AZ, DOMEY-11654A,
SW-434, 629, 631, 898, 1229, 1226
Bobcat 1975-'79 Capri 1979
Comet 1965-'67, 1973-'78
Cougar 1974-'78 Fairlane 1965-'77
Fairmont 1978 Granada 1975-'79
Maverick 1974-'78 Mercury 1965-'69, 1971-'78
Meteor 1974-'76 Monarch 1975-'79 Montego 6, 8,
1968-'78 Mustang 6,8,1971, 1973-'78
Pinto 1974-'79 Torino 1965-'78

AES-1112-19



SMP # DS-210
Valley Forge # HS-110
General # 1679
Echlin # HL-6636
Wells # SW-166

Headlight and Dash Light Dimmer Switch
EOAZ-11654C, EOAB-11654CA, SW-1596, F-1521
Capri 4,6,8,1980 Cougar 8, 1980
Escort 1981 Fairmont 4, 6, 8, 1980
Ford 1980 Granada 6, 8, 1980
LTD 8, 1980 Marquis 8, 1980
Maverick 1980 Monarch 6, 8, 1980
Mustang 4, 6, 8, 1980 Zephyr 4, 6, 8, 1980m

AES-1112-20



Valley Forge # HS-117
General # 1682
SMP # DS-218
Echlin # HL-6637
Wells # SW-187

Headlight and
Dash Light Dimmer Switch
Ford EOAZ-11654-D
SW-1597
Ford, Mercury '80-'88

AES-1112-20A



Pollak # 35-306
SMP # DS175S
Valley Forge # SW-101
General # 1820

Heavy Duty Push-Pull Headlight
Switch 6-28 Volt DC, 75Amps
S.P.S.T. Two Position "OFF-ON"
Die-Casting Body,
Chrome Plated Knob,
Copper Terminals,
Mounting stem 5/8" Long,
15/32" Diameter.

AES-1112-21



SMP # DS-165
Valley Forge # HS-37
Echlin # HL-6571
Wells # SW-151
General # 1621

Headlight and Dash Light
Dimmer Switch 3601624
Ambassador 1970-73, 1979-'80
AMX 1969-'70, 1974-'80
Concord 1978-'80
Gremlin 1970-'80 Homet 1970-'80
Javelin 1969-'70, 1974-'80
Matador 1970-'73, 1979-'80
Pacer 1975-'80 Spirit 1979-'80

AES-1112-24



Valley Forge
HS-55
General
1621

Headlight and Dash Light
Dimmer Switch
AMC 3601624, Delco 1972514
2448823, 2580436, 2582496,
2584929, 2809087, 2820792,
CH-2563, CH-2640
Barracuda 1937-'69
Dart 6 1963-'65, 1967-'77
Demon 1974-'77
Valiant 1963-'65, 1967-'77

AES-1112-24A



Headlight Switch
6 PIN
VW 113-941-531B
VW Beetle: 1968 - 1970
VW Karmann Ghia: 1968 - 1970
VW Type 3: 1968 - 1970
VW Buggy + Baja: 1968 - 1970

AES-1112-25



Headlight Switch
111 941 531A
111 941 531E
113 941 531E
Beetle '49-'92
Beetle Cabrio (15) '64-'81
Volkswagen '69-'79
Fits Type-1 &
3 71-on 71-72 Super Beetle

AES-1112-25A

Universal Rotary & Headlight Switches

Headlight Switches for Farm Tractors & Excavators

Stop Light Switches

Dimmer Switches



Headlight Switch
VW 211-941-531B
BAQ 941-531B
Fits Type-2 1971-78

AES-1112-26



SMP # DS-199
Valley Forge # HS-109
General # 1650
Echlin # HL-6641
Wells # SW-226

Headlight and Dash Light
Dimmer Switch
D3TZ, E0HZ, E1HZ-11654A,
SW-1157
Ford Truck 1972-'80
Daimler Truck Uta 73056591

AES-1112-28



SMP # DS-183
Valley Forge # HS-103

Headlight and Dash Light
Dimmer Switch
3746821, 3747189, 3747216
Chrys Corp Carts '84-'75
Dodge Trucks '83-'78

AES-1112-29



SMP # DS-220
Valley Forge # HS-120
Echlin # HL-6656

Headlight and Dash Light
Dimmer Switch
3240717, 8956001197,
56007334
American Motors '88-'82
Jeep '89-'84

AES-1112-30



SMP # DS-150
Valley Forge # HS-25
General # 1669

Headlight and Dash Light
Dimmer Switch
C5ZZ-11654B, C6DZ-11654A,
DOHZ-11654B, SW-441, 544, 902
Falcon 1965-'70
Ford Truck 1965-'76
Mustang 1965-'69

AES-1112-31



SMP # DS-177
Valley Forge # HS-99
General # 1733
Echlin # HL-6613
Wells # SW144

Headlight and Dash Light Dimmer Switch
7 Terminal Compatible with Buick Chevy
GMC 1995159,170, 180,182,188,192,193,
195, 199, 203, 216, 217, D-1543, 61, 67,
83, 85, 89, 91, 93, 97,99
Buick '68-'80 Cadillac '82-'88 Chevrolet '71-'90
Chevrolet/GMC Trucks '73-'94
Oldsmobile '68-'90 Pontiac '68-'68

AES-1112-32

Headlight and Dash Light Dimmer Switch 12VDC 26Amps,
4.5 ohms rheostat dimmer, 15 amps internal circuit breaker, 8 blades.
3 position: OFF – Park & Tail - Head& Tail Dia 7/16"-28 UNF Thread.
Compatible with 1966-1996 Buick/Cadillac/Chevy/GMC/Oldsmobile/
Pontiac GM Street Rod Truck or Rat Rod Build Replaces
1995179 01995179 19245093 1995156, 165, 173, 175, 179, 186,
194; D-1559, 79, 80, 81 88, 92 Buick '64-'73
Chevrolet '64-'89 Chevrolet / GMC Trucks '71-'94
Oldmobile ' 67-'73 Poritiac '70-'73 Navistar 393442C1

AES-1112-34



SMP # DS-155
Valley Forge # HS-5
General # 1729
Echlin # HL-6554
Wells # SW-141
AC Delco # D1588
CH # 71092





CH # 71092-02

Headlight and Dash Light Dimmer Switch
Same as AES-1112-34,
except with Billet Aluminum Knob Lever.

AES-1112-34A



Headlight Switch with
Billet Plastic Knob Lever.

AES-1112-34E



SMP # DS-186
Valley Forge # HS-121
General # 1734

Headlight and Dash Light Dimmer Switch
1995181, 1995197, 1995196, 1995214, 1
995225, 1995177, D-1595, 1598, D-1510A,
D-1503A
Cadillac 1968-'88 Camaro 1669-'70

AES-1112-35



Headlight and Dash Light
Dimmer Switch
GM 1995257
Chevrolet Corvette 1984-'88

AES-1112-36



Headlight and Dash Light
Dimmer Switch
2.5~3 ohms rheostat dimmer,
15 amps internal circuit breaker.
7 pins.
Fits 1965-88 GM vehicles.

AES-1112-39



Headlight Switch w/ 2 Port Vacuum Valve
2.5~3 ohms) rheostat dimmer,
15 amps internal circuit breaker.
7 pins and 2 vacuum ports.
GM# 1995215, #1995166
1978-1982 Corvette New Replacement
Chevrolet Corvette (C3)

AES-1112-39A



Headlight Switch w/ 2 Port Vacuum Valve
2.5~3 ohms rheostat dimmer,
15 amps internal circuit breaker.
8 pins and 2 vacuum ports. GM# 1995191
1698-69 Camaro Rally Sport, 1968 Caprice,
and 1698-77 Corvette model with
the concealed (hidden) headlight option
A8269, 1978-82 Corvette

AES-1112-42



SMP # DS180

Headlight Switch
Fits 1967-1970
Ford '97 Mustang
D0ZZ-11654A; SW-928
C9ZZ-11654-AR

AES-1112-48



General # 1726
SMP # DS-156
Valley Forge # HS-8

Headlight and Dash Light Dimmer Switch
Headlight Switch 4.5 ohms rheostat dimmer
1995095, 096, 098, 099, D-1517, D-1518,
D-1526 Buick 1959-'63
Chevrolet Products 1957-'65
Chevrolet Truck 1960-'63
GMC Truck 1960-'64

AES-1112-40

Universal Rotary & Headlight Switches

Headlight Switches for Farm Tractors & Excavators

Stop Light Switches

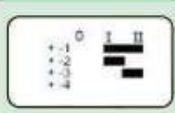
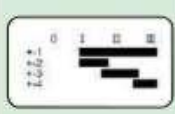
Dimmer Switches

Compact, with a very positive detent action and snap-on knobs.
Durable Nylon body, knob and stem, aluminum hardware and plated brass terminals.
Meet IP 53



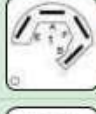
1112-61 Type

Capacity: 12VDC 20Amps

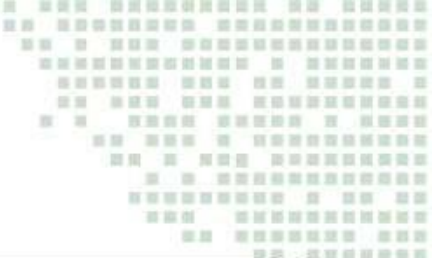
P/N # & Function	REF	Knob	Diagram	Lid/Terminals	P/N # & Function	REF	Knob
1112-61-P3-A OFF-ON-ON	259500 259502 259515				1112-61-P3-B OFF-ON-ON	269500 72171-04	
1112-61-P4-A OFF-ON-ON-ON	259000 259009 259010 259011				1112-61-P4-B OFF-ON-ON-ON	269000 72170-04	

1112-62 Type

Capacity : 12VDC 10Amps, Illuminated or non-illuminated type.

P/N # & Function	REF	Knob	Diagram	Lid/Terminals	P/N # & Function	REF	Knob
1112-62-P2A-A OFF-ON	250000 4020				1112-62-P2A-B OFF-ON	260000 72150-02 4021	
Illuminated 1112-62-P2A-A1 OFF-ON	250940 • 250200/72160-04 • 250400 • 250600/ 72160-060/4022				Illuminated 1112-62-P2A-B1 OFF-ON	• 260200 /72160-01 • 260400 • 260600	
1112-62-P2A-AM OFF-(ON)	251000 72151-01				1112-62-P2A-BM OFF-(ON)	261000 72151-02	
Illuminated 1112-62-P2A-A1M OFF-(ON)					Illuminated 1112-62-P2A-B1M OFF-(ON)		
1112-62-P2B-A ON-ON	252000 252000W				1112-62-P2B-B ON-ON	262000	
Illuminated 1112-62-P2B-A1 ON-ON					Illuminated 1112-62-P2B-B1 ON-ON		
1112-62-P2B-AM ON-(ON)					1112-62-P2B-BM ON-(ON)		
Illuminated 1112-62-P2B-A1M ON-(ON)					Illuminated 1112-62-P2B-B1M ON-(ON)		





1112-63 Type

Capacity: 12VDC 10Amps, Illuminated or non-illuminated type.

P/N # & Function	REF	Knob	Diagram	Lid/ Terminals	P/N # & Function	REF	Knob
1112-63-P3A-A ON-OFF-ON	254000				1112-63-P3A-B ON-OFF-ON	264000	
Illuminated 1112-63-P3A-A1 ON-OFF-ON	• 254200 • 254400 • 254600				Illuminated 1112-63-P3A-B1 ON-OFF-ON	• 264200 • 264400 • 264600	
1112-63-P3A-AM (ON)-OFF-(ON)	255000				1112-63-P3A-BM (ON)-OFF-(ON)	265000 752154	
Illuminated 1112-63-P3A-A1M (ON)-OFF-(ON)					Illuminated 1112-63-P3A-B1M (ON)-OFF-(ON)		
1112-63-P3A-AMR ON-OFF-(ON)	258000				1112-63-P3A-BMR ON-OFF-(ON)	268000	
Illuminated 1112-63-P3A-A1MR ON-OFF-(ON)					Illuminated 1112-63-P3A-B1MR ON-OFF-(ON)		
1112-63-P3A-AML (ON)-OFF-ON					1112-63-P3A-BML (ON)-OFF-ON		
Illuminated 1112-63-P3A-A1ML (ON)-OFF-ON					Illuminated 1112-63-P3A-B1ML (ON)-OFF-ON		

1112-64 Type

Capacity: 12VDC 10Amps Meet IP 53, Illuminated or non-illuminated type.

P/N # & Function	REF	Knob	Diagram	Lid/ Terminals	P/N # & Function	REF	Knob
1112-64-P3A-A OFF-ON-ON	253000 72152-01				1112-64-P3A-B OFF-ON-ON	263000 72152-02	
Illuminated 1112-64-P3A-A1 OFF-ON-ON	• 253200/ 72161-04 • 253400 253600/ • 75161-06				Illuminated 1112-64-P3A-B1 OFF-ON-ON	• 263200/ 72161-01 • 263400 263600/ • 75161-03	
1112-64-P3A-AM OFF-ON-(ON)	257000				1112-64-P3A-BM OFF-ON-(ON)	267000	
Illuminated 1112-64-P3A-A1M OFF-ON-(ON)					Illuminated 1112-64-P3A-B1M OFF-ON-(ON)		
1112-64-P3B-A ON-ON-ON	256000				1112-64-P3B-B ON-ON-ON	266000	
Illuminated 1112-64-P3B-A1 ON-ON-ON					Illuminated 1112-64-P3B-B1 ON-ON-ON		

Universal Rotary & Headlight Switches

Headlight Switches for Farm Tractors & Excavators

Stop Light Switches

Dimmer Switches



Tractor Light Switch
3 position OFF-ON-ON
12VDC
Supplied with 20Amps Fuse,
2.2 Ohms Resistor.
Fits John Deere A B L LA G D H BO BR
Fits JD 139

AES-1112-46



CH # 95033

20Amps, 12VDC
Rotary Switch for Caterpillar
and Komatsu
7N-4160, 2S2342, 2S-2342,
8S-7713, 08063-02000

AES-1411-19



Light Switch
3K1650
Fits Caterpillar 816 826B
815 825B 215 225 235
245 910 920 930

AES-1411-31



CH # 72077

Tractor Combination Switch
12V DC 20A
4 Position

AES-1411-31A



Combination Light Rotary
Switch Assembly GM
2031311
Mohawk TMC RTA

AES-1411-31B



Master Switch
Combination Battery Ignition,
Headlight Light or Work
Light Switch For John Deere 40,
50, 60, 70, 320, 330, 420 & 430,
620 and 630 tractors.
Replace # AM1866T, AA5071R

AES-1411-31C



Combination Starter and
Light Switch
12VDC
Fits John Deere 50, 60, 70,
520, 620, 720, AA5397R

AES-1411-31D



Combination light switch
For use on tractors with 2 head lights.
Fits John Deere 70 720 730 820 2
Cylinder 830 2 Cylinder
24 Volt electric start only
8 Spade terminals, Replaces Ar20234

AES-1411-31E



Rotary Switch
Fits Caterpillar 561C 561D 571G
572G 583K 594 594H 613 613B
621 120B 120G 2G 6A 6S D4D D5
D6C D6E SR D7G 130G
140 140B 140G 14E
Replacement 7S6402

AES-1411-35



4-Position Light Switch w/out Knob
 Fits John Deere - 2350, 2355, 2520, 2550, 2555, 2750, 2755, 2940, 2950, 2955, 3020, 3055, 3150, 3155, 3255, 4030, 4040
 Replaces AR48724
 6 Spade terminals, 1/2" dia. thread.

AES-1411-40A



5 Position Light Switch w/out Knob
 Fits John Deere Models-GAS/ DSL: 830 (3 CYL), 920, 1040, 1140, 1530, 1640, 1830, 2030, 2040, 2040S, 2240, 2440, 2630, 2640, 2840, 3030, (S/N 162948 & UP), 3130 (SN 162948 & UP), 300B IND & Following w/out Sound Gard Cab: 2150, 2155, 2255, 2355, 2550, 2555, 2755, 2855, 2940, 2950 - Replaces AR66478,
 5 spade terminals, 1/2" diameter threaded end.

AES-1411-40B



4 Position Light Switch w/out knob
 Fits John Deere Models- GAS / LP/ DSL: 1010, 1020, 1520, 2010, 2020 --- Following GAS/ LP Only: 3010, 3020 (Up to SN67999), 4010, 4020 (SN 65000 to 90999)---
 Combines: 45 Thru 105. Replaces AR28401
 6 spade terminals 1/2" diameter threaded end.

AES-1411-40C



4 Position Light Switch Without Knob Fits
 John Deere - [3010, 4010, 8020 (Diesel)], 3020 (Diesel; To Sn: - 122999), 4020 (Diesel; To Sn: - 90999), 5010 (Diesel ; To Sn: - 004499)
 Replaces AR28402
 8 spade terminals 1/2" diameter threaded end

AES-1411-40D



4 Position Light Switch without knob Fits
 John Deere Fits John Deere - 2510, 2520, 3020, 4000, 4020, 4520, 5010
 Replaces AR41288, R39551
 9 spade terminals, 1/2" diameter threaded end

AES-1411-40E



Rotary Switch 112-6174 1126174
 Compatible with Caterpillar CAT
 Engine 3116 3056 3054 C6.6
 C4.4 C7.1 C13 C15
 Connector not included.

AES-1411-40F

Universal Rotary & Headlight Switches
Headlight Switches for Farm Tractors & Excavators

Stop Light Switches
Dimmer Switches



Stop Light Switch
2 Terminals, Normally Closed
Toyota Cars 1975-'79
For Toyota 84340-12020,
84240-12021
84340-20010, 84340-22060
84340-22070, 84340-22071
84340-22072, 84340-36030

AES-1113-22



Stop Light Switch
SMP # SLS-123
General # 3191
2 Terminals, Normally Closed
Toyota Pick-up 77-75
For Toyota 84340-12020,
84340-12021
84340-20010, 84340-20011
84340-22060, 84340-22070
84340-22071, 84340-22072
84340-35010, 84340-36030

AES-1113-22A



Valley Forge # SL-45
General # 3001

Stop Light Switch
For Toyota 84340-10020,
84340-28010, 84340-30030,
84340-32010
For Nissan 25320-02700

AES-1113-22C



Stop Light Switch
For Toyota 84340-10020,
84340-28010, 84340-30030,
84340-30040, 84340-32010

AES-1113-22D



Valley Forge # MS-115
General # 3183
SMP # SLS-101

Stop Light Switch
For Datsun Chry.: MB113081
Subaru: 6821-40051
2 Terminals, Normally open.
For Nissan 25320-H1000,
25320-H5001, 25320-H6900,
25320-73000, 25320-73001,
25320-89910

AES-1113-23



SMP # SLS-106
General # 3188

Stop Light Switch
For Nissan
25320-H8500

AES-1113-23A



Stop Light Switch
For Nissan 25320-01B00,
25320-21P00, 25320-28E00,
25320-75A00 For Isuzu
8-94118-754-1,
8-84362-930-0

AES-1113-23B



SMP # SLS-105

Stop Light Switch
For Toyota 2R, 3R TS-630
GM: 94024700, 94026196
For Honda: 35350-634-003
For Isuzu: 5-82440-015-0,
8-82750-619-0, 8-94156-801-0
2 Terminals, Normally Open.

AES-1113-24



Stop Light Switch
For Toyota TS-640

AES-1113-24A



Universal Brake Light Switch
for Classic Car
12V Brake Stop Light Switch
Normally Open Pull to Make
Merit No. 434300

AES-1113-25



SMP # SLS-103
Valley Forge # MS-123
General # 3191

Stop Light Switch
4 Terminals, Normally Open.
For Toyota 84340-12010,
84340-12011, 84340-12012,
84340-22010, 84340-22020,
4340-22040, 84340- 30021,
84340-30022, 84340-30023

AES-1113-26



Valley Forge # MS-116
General # 3184

Stop Light Switch
Mitsubishi MB-113081
For Datsun 25320-GO300
For Honda 35350-601-000,
35350-601-003,
35350-634-003

AES-1113-27





General # 3189
SMP # SLS-109

Stop Light Switch
For Honda
35350-679-003,
35350-SA5-003,
35350-689-671

AES-1113-27A



SMP # SLS-100
Valley Forge # MS-117
General # 3185

Stop Light Switch
25320-W0505
For Mitsubishi MA616125,
MA113080, MB196506,
MB435457

AES-1113-28



SMP # SLS-104
Valley Forge # MS-118
General # 3186

Stop Light Switch
Mazda 0233-66-790,
0730-67-210 2 Terminals,
Normally Open.
Mitsubishi MT138890,
MB-113078

AES-1113-29



General # 3001
SMP # SLS-27
CH # 8629

Stop Light Switch SPST, Normally Off
Pressure: 3.8KG/SQ.CM
Mounting Stem:
1/8"-27 dryseal thread, 11/32" long.
Toyota 84340-25010, 84340-36020
Jeep 70034, 201466, 647801
Wagner FC-6780, FC-7715,
179-318, AC5812W GM 1320938,
1328118, 1997725

AES-1113-30



General # 3002
CH # 8626

Stop Light Switch
SPST, Normally Off
Pressure: 3-8KG/SQ.CM
Mounting Stem:
1/8"-27 dryseal thread,
11/32" long.
Terminals: two 6-32 screw
Wagner FC-1201, FC5106
GM 403936, 476592, 1316600

AES-1113-31



SMP # SLS-102

Stop Light Switch
PSI 8-9
Heavy Duty Type
721461, 2008780, 2055294,
2327054
2 Terminals, Normally open.
GM Trucks 88-73
Ford Trucks 96-86

AES-1113-32



Stop Light Switch
Same as AES-1113-32,
except PSI 2-5.
2 Terminals, Normally open.

AES-1113-32A



Back up Alarms switch
Light Duty Universal
Actuated by shift lever or
linkage. For vehicles without
back up lights.
12VDC, 5 Amps
SPST, Normally Open,
Adjustable Arm.

AES-1113-34



Back up Alarms switch
Light Duty Universal
Actuated by shift lever or linkage.
For vehicles without back up lights.
Terminalless
12VDC, 5 Amps
SPST, Normally Open

AES-1113-34-1



Pollak # 52-602

Back up Alarms switch
Light Duty Universal
Actuated by shift lever or linkage.
For vehicles without back up lights.
12VDC, 5Amps
SPST, Normally Open.

AES-1113-34A

Stop Light Switch
Replace 83420-10020

AES-1113-38



Back up Light Switch
Reversing Light Switch

AES-1113-39



Stop Light Switch
1/8 NPT, 42.85 PSI - 114 PSI

AES-1113-40



Universal Rotary & Headlight Switches
Headlight Switches for Farm Tractors & Excavators
Stop Light Switches
Dimmer Switches



SMP # DS-68
Valley Forge # DS-113
Pollak # 52-251
CH # 7776
Echlin # DS-112
Wells # UDS 421

SPDT, ON-ON
Depress-release for Low beam,
depress-release for High beam.
Mounting: two 7/32" diameter holes,
1 5/8" on centers.
AM: 3156124, 3160926
Chry.: 1841895, 1881938, 2097628,
2291202, CH-2437, Ford B9A-13532A,
2701524, Stude 1547356

AES-1114-11



SMP # DS-70
Valley Forge # DS-5
Pollak # 52-252
CH # 7702
Echlin # DS-114
Wells # UDS 418

SPDT, ON-ON
Depress-release for Low beam,
depress-release for High beam.
Mounting: two 7/32" diameter holes,
1 5/8" on centers.
C0TF-13A024A, C0TA-13024A, SW-263
Ford Truck '59-'95
Ford, Lincoln, Mercury '59-'86

AES-1114-12



SMP # DS-72
Valley Forge # DS-7
Pollak # 52-253
Echlin # DS-115
Wells # UDS 419

SPDT, ON-ON
Depress-release for Low beam,
depress-release for High beam.
Mounting: two 7/32" diameter holes,
1 5/8" on centers.
AM: 538446, 539288
GM: 1997028, 7031, 7036, 7037,
7040, 7043, D-803, 7, 8, 3841892,
Jeep 931201
IHC: 370677C91

AES-1114-13



Universal Type Dimmer Switch
eClassics 1938 Ford Model 81 A
SPDT, ON-ON
Depress-release for LOW beam,
depress-release for HIGH beam.
Mounting: three 1/4"-20 tapped holes,
3/4" and 1 3/4" on centers.
Stem: 27/32" diameter.
801903, 805710, 1253003, 1253460, 1265024,
A1AZ-13A024A, 1997703, 1997014.D-805
Most GM Cars & Trucks 1946-'60

AES-1114-14

SMP # DS-40
Valley Forge # DS-81
CH # 7769
Echlin # DS-101
Wells # UDS 400 401



Valley Forge # DS-96
SMP # DS-79
Echlin # DS-125
Wells # UDS 424

7838234, 1997045, D-812, 817
Buick 1978-'80
Chevrolet 1978-'80
GMC 1978-'80
Oldsmobile 1978-'80
Omega 1978-'80
Pontiac 1978-'80

AES-1114-15



Valley Forge # DS-97
SMP # DS-75
Echlin # DS-127
Wells # UDS 426

1997046, 1997068, 7841239,
26035244,
D801A, D819 Buick 1980-'82
Celebrity 1980-'82 Citation 1980-'82
Citation 1980-'81 Omega 1980-'81
Phoenix 1980-'81 Skylark 1980-'82

AES-1114-16



Valley Forge # DS-19

Headlight Dimmer
Floor Mount Switch
Classics 1938-1947
Ford 1/2 Ton Pickup Truck

AES-1114-17



Valley Forge # DS-98
SMP # DS-77
General # 2916
CH # 7794
Echlin # DS-130
Wells # UDS 430

Terminal: three blades.
AM: 3239703
GM: 7832411, 7819567, 7830217
Buick 1977 Chevrolet 1977
Corvette 1977-78, 1980
Oldsmobile 1977 Pontiac 1977 Toronado 1977
Delco 1997045, 7838234, D-812

AES-1114-18





CH # 7792-01

Normally OFF
Depress to ON, Spring return to OFF
Mounting: three 1/4" 20 tapped holes,
3/4" and 1 3/4" on centers.
Stem: 7/8" diameter.
Rugged, Corrosion, Resistant Die-casting
Metal Housing

AES-1114-19



CH # 7792

Normally OFF
Depress to ON, Spring return to OFF.
Mounting: three 1/4" 20 tapped holes,
3/4" and 1 3/4" on centers.
Stem: 7/8" diameter.
Sealing: weatherproof and dustproof,
heavy plastic coating protects against moisture,
dust and road splash.
Rugged, Corrosion,
Resistant Die-casting Metal Housing

AES-1114-20



CH # 7787

Depress-release for LOW beam,
depress-release for HIGH beam.
Mounting: two 1/4"-20 tapped holes,
1 3/4" on centers.
Stem: 7/8" diameter.
Delco U-802
Push ON, Push OFF
Rugged, Corrosion, Resistant Die-casting
Metal Housing

AES-1114-21



CH # 7786
General # 2904
SMP # DS-40

SPDT, ON-ON
Depress-release for LOW beam,
depress-release for HIGH beam.
Mounting: three 1/4" -20 tapped holes,
3/4" and 1 3/4" on centers.
Stem: 1 1/16" diameter. Delco D-805,
U-802 1997008, 1997014
Push ON, Push OFF
Rugged, Corrosion, Resistant Die-casting
Metal Housing

AES-1114-22



CH # 7785

Headlight Dimmer Switch
Sealing: Weatherproof and
dustproof heavy plastic coating on
case and wire leads
Delco 1994085

AES-1114-23



CH # 7762

Headlight Dimmer Switch
SPDT, ON-ON
Depress-release for Low beam,
depress-release for High beam.
Mounting : two 9/32" Diameter Holes,
1 3/4" on centers.
Terminal: three Blades.

AES-1114-24



CH # 7700

Universal Headlight Dimmer Switch
Mounting: three 1/4"-20 tapped holes,
3/4" and 1 3/4" on centers.
Stem: 27/32" diameter.
Terminations: three 16 gauge leads,
5.75" long.

AES-1114-25



Merit #259515
CH #72171-01
Hella #4023

Single Pole Double Throw
Non-illuminated
12VDC, 20Amps
OFF-ON-ON

1112-61-P3-A



Merit # 259000

Single Pole 3 Throw
Non-illuminated
12VDC, 20Amps
OFF-ON-ON-ON

1112-61-P4-A



CH #72152-01
Merit # 253000
Durite # 0-656-03

Double Throw
Non-illuminated
12VDC 10Amps
OFF-ON-ON

1112-64-P3A-A



CH # 75212-04

Single Wiper Motor Switch
For 12VDC and 24VDC
3 position: OFF/PARK-LOW-
HIGH 4 blade terminals.
With Windshield wiper
saymbol and "WIPERS" text.
OFF/PARK-LOW-HIGH

AES-1112-71



Same as AES-1112-71,
without Knob.

AES-1112-71A



CH # 75217-04

Double Wiper Motor Switch
For 12VDC and 24VDC
3 position: OFF/PARK-
LOW-HIGH 6 blade terminals.
With "WIPERS" text.

AES-1112-72



Same as AES-1112-72
Except with an additional
windshield wiper symbol.

AES-1112-72-1



CH#75221-09

Universal Windshield
Wiper Switch
3 Position, Operates 2 Speed
Wiper Motor ON-OFF

AES-1112-74



Fan Switch
3 Speeds, 5 Terminals
OFF-ON-ON-ON
Fan Switch Kit Includes: Switch,
Knob, Nut, and Faceplate

AES-1112-75



Fan Switch
same with AES-1112-75
with Harness

AES-1112-75-5W



Indak # S2

4 Position, Square Case
Rotary Switch
Dual Speed Windshield
Wiper Switch
Blue Bird Bus 1429562

AES-1112-75A



Wiper Switch
5 Blade Terminals, ON-ON-ON
J5460089 Wiper Switch for 68-82
Jeep CJ-5, CJ-6, CJ-7 & CJ-8

AES-1112-79



Wiper Motor Switch without Knob
7 Blade Terminals ON-ON-ON
Dual Motor, with Push-To-Wash

AES-1112-80



Same as AES-1112-80,
with Knob.

AES-1112-80A



A/C and Heater
Blower Motor Switch
4 Blade Terminals

AES-1112-81





For Toyota Pick Up
1987-'87

AES-1120-11



For Nissan Pick up
1987

AES-1120-12



For Nissan 1987
Pilsar Stanza Centra.

AES-1120-13



For Universal
Blue Button

AES-1120-15



1016
Blue Button
24VDC Bulb

AES-1120-15A



For Specturn GM.

AES-1120-20



For Universal
Green Button

AES-1120-21



For Subaru
Justy 1988-92

AES-1120-22



For Suzuki
Swift 1989-'92
Samun 1989-'92

AES-1120-23



For Mitsubishi Colt
1989-92

AES-1120-24



A/C Pressure Switch
5030
Cut In 47 +/- 3.5 PSI
Cut Off 23 +/- 2 PSI

AES-1120-25



A/C Pressure Switch
5032
Cut In 42 +/- 3.5 PSI
Cut Off 24 +/- 2 PSI

AES-1120-26

Neutral Safety Ball Switches



Neutral Safety Ball Switch
Mounting 3/4"-16 UNF,
2A Thread, 22mm Hex.
Normally OFF Miniaturized,
Silver Contacts.

AES-1113-16



Universal Back-up or Neutral Switch
Normally OFF
3/4"-16 UNF, 2A Thread,
22mm Hex.

AES-1113-17



Pollak# 21-361

Neutral/Ball Up Switch
Closed with plunger depressed,
spring return to ON.
SPST Normally Open.
2 Screw Terminals.
Rating: 12VDC, 35Amps
24VDC, 20Amps.

AES-1113-17A



CH # 9134
Pollak # 21-458

Neutral/Ball Up Switch
Closed with plunger depressed,
spring return to ON.
Normally Open.
SPST
2 Bullet Terminals.
Rating: 12VDC, 35Amps
24 VDC, 20Amps.

AES-1113-17B



Neutral Safety Starter Switch
Silver Contacts
Mounting Stem 3/4"-16 UNF,
2A Thread, 29mm Hex.

AES-1113-18



Neutral Safety Ball Switch
Same as AES-1113-18
Two Female (Turret Type)
Silver Contacts
Mounting Stem 3/4"-16 UNF,
2A Thread, 29mm Hex.

AES-1113-18A



Neutral Safety Ball Switch
Silver Contacts
Mounting Stem
9/16"-18 UNF,
2A Thread, 29mm Hex.

AES-1113-19



CH # 9224

Neutral Safety Ball Switch
SPST, Normally ON
Mounting stem 3/4" - 16
UNF-2A Thread,
31/64" long with aluminum
gasket/washer, 29mm Hex.
Clark 224620

AES-1113-19A



CH # 9242

Neutral Safety Ball Switch
SPST. Normally OFF. ON with
ball depressed, spring return to OFF.
Silver contacts. 35A at 12V DC,
20A at 24V DC. Two screw terminals.
Mounting stem 9/16" -18 UNF-2A thread,
5/16" (7.9mm) long. Replaces:
International 863187-R91.

AES-1113-19B



SMP # LS-201

Neutral Safety Ball Switch
Normally open, 2 terminals,
9/16"-18UNF Thread.
NS103/3486270
Chry.: 2258404, 4221462, 587,
949, 4373814

AES-1113-33



Door Jamb & Horn Switches



CH # 91811

Door Momentary Switch 12VDC 10Amps. Normally ON-MOM OFF-MOM ON, 2 circuits. 7/16"-28 thread mounting stem, 3/4"(19mm) long. 4 screw terminals, Plunger 23/64"(9.2mm) long. (Designed for use in 8 light warning systems in school buses)

AES-1112-53



CH # 91804

Door Momentary Switch 12VDC 10Amps. Normally ON. Momentary OFF. 7/16"-28 thread mounting stem, 3/4"(19mm) long. 6 screws, Plunger 23/64"(9.2mm) long. School Bus Momentary Switch, 4 circuits. (Designed for use in 8 light warning systems in school buses)

AES-1112-54



Valley Forge # L-815
Pollak # 52-616

Door Momentary Switch Universal Insulated Type, 10 Amps, 2 terminals. Circuit is Made When Plunger Out. For Mounting Holes. Can be used on Alarms, Door, Hoods or Trunks. Chrys. 882943, K-F204229.

AES-1115-14



CH # 9050

Door Momentary Switch Universal Insulated Type, 5 Amps, 1 terminal. Mounting Holes: 9/64" Diameter, 1 3/8" on centers.

AES-1115-14A



Valley Forge # L-1433
Valley Forge # L-1434

Door Momentary Switch 12 V, Self-grounding Circuit is Complete When The Switch is Full Extended. Can be used on Alarms, Doors, Hoods or Trunks. B: Length - 65.5mm C: Length - 51mm

AES-1115-15B/C



Door Momentary Switch Length - 51mm

AES-1115-16C

CH# 9006



Door Momentary Switch w/Boot SPST. Normally Closed, OFF with Plunger Depressed, Spring Return to ON. 12VDC 4Amps. 2 Brass Blade Terminals 2mm x 5mm. Black Rubber boot Covers and Protects the Face of The Switch. Dust-resistant.

AES-1115-23



SMP # HB-6
General # 4520
Pollak # 52-661
Valley Forge # L-810

Momentary Push Button Switch Rating: 5Amps, @12Volts DC. Momentary Push-Button switch for operating Fog Horns and sirens. Plastic Button and Chrome Plated Brass Shell and Mounting Bracket. Overall Length 2-5/8", 1 1/2" Diameter. Mounting Centers 2-1/16"

AES-1117-11



SMP # 3930
General # 3930

Momentary Push Button Switch for Marine use Same as item AES-1117-11 Except With Chromed Plated Brass Shell. Brass Construction Flights Corrosion and Weather in Tough Environments.

AES-1117-11A



SMP # HB-7
CH # 96102
General # 4522
Pollak # 52-660
Valley Forge # L-812

Horn Button Rating 5 Amps @12 Volts DC With Clamp-on Bracket for Steering Column Mounting.

AES-1117-16



Door Momentary Switch 12VDC 10Amps 2 screw terminals Thread: 7/16-28

AES-1117-33



CH # 91801

Mounting Stem: 3/8"-28 Thread, 0.43" (11mm) Long

AES-1117-34



Same as AES-1117-34, Except for mounting stem length: 15/16" (24mm)

AES-1117-34C



Horn Switch Automatic Reverse (Short) OFF-ON 2P, 12 VDC 15Amps

AES-1118-19



Horn Switch Automatic Reverse (Long) OFF-ON 2P, 12VDC 15Amps

AES-1118-20

Universal Push- Button & Push- Pull Switches

Push-Pull Switches for Tractors, Forklifts & Special Applications
PTO Switches



Starter Button Switch
Merit no. 201000
Use for Datsun 120Y, 160J.

AES-1117-12



Starter Button Switch
Same as AES-1117-12
with Rubber Cover
Use for Datsun B-310
6Amps 125VDC

AES-1117-13



Push Button Switch
Rating: 14VDC 20Amps
2P, SPST, OFF-(ON)
Meet IP65

AES-1117-38



Push Button Switch
Rating: 14VDC 20Amps
4P, SPST, OFF-(ON)
Red LED Independent,
Always Illuminated.
Meet IP65

AES-1117-38LR

AES-1117-39 Metal Push Button



AES-1117-39-

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



Sierra #MP39690
CH#9187-02

Push Button Switch
OFF-(ON)
12VDC 15Amps
Normally open push button switch.
Mounts in standard 1/2" hole.
Use for momentary action of lights
or accessories. 6 amp rating.

AES-1117-41



Push/Pull Switch with Green,
Red or Blue Lens,
White LED Indicator
14VDC 50Amps
Secure the Switch with
2 Nuts in up to a 1/4" Panel

AES-1117-43LG/LR/LBL



Engine Start Switch
Rating: 12VDC 50Amps
3 Screws, SPST, OFF-(ON)
Color: Red LED/ Red Lens

AES-1117-36



Miniature Push
Button Switch
125VAC 1Amps.
Cap Color: Blue, Black,
Green, White, Yellow

AES-1118-67A



Miniature Push Button Switch
125VAC 1Amps.
AES-1118-67B: Normal Open
AES-1118-67C: Normal Closed
Cap Color: Blue, Black, Green,
White, Yellow

AES-1118-67B/67C



General # 2876

Universal Starter Switch/Push Button
Rating: 6 VDC, 25 Amps
12VDC, 15 Amps
Insulated, 2 Screw Terminals,
Mounts Through 5/8" Hole.
Chrys. 903437, 1237123, K-F700502,
IHC 80949-R1, AL-XA-456E, 153766R91

AES-1117-14



SMP #10033679

Univeral Push Button
Starter Switch
With Aluminum Rubber Boot
12VDC 15Amps; 6VDC 25Amps
Insulated, 2 Screw Terminals.

AES-1117-141



Pollak # 24-360
SMP # SSB-5
Valley Forge # PB-1
General # 4200

Heavy Duty Push Button Switch
Rating: 12V DC 60 Amps
24V DC 40 Amps
Supplied with Neoprene and
Moisture Resistant Boot.
Die-cast Construct with Silver Contacts.
1996097, SW-1163, D3HZ-11500A.

AES-1117-15



Pollak # 24-395P

Same as AES-1117-15,
except with 8-32 Threaded
Studs and Red boot.

AES-1117-15C

Universal Push- Button & Push- Pull Switches

Push-Pull Switches for Tractors, Forklifts & Special Applications

PTO Switches



Pollak # 24-362

Same as as AES-1117-15, except with Protective Safety Collar.

AES-1117-15N



CH # 9245

Heavy Duty Type, Plastic Push Button, Black Rubber Cap and Mounting Nut. 12VDC 30 Amps

AES-1117-18



Same as AES-1117-18, except with Red Cap.

AES-1117-18R



CH # 9095

Heavy Duty Type with Chrome Push Button and Face Nut 12VDC 30 Amps

AES-1117-19



CH #9216-03

Push Button Switch
2 Screw Terminals. Mounting Stem: 5/8" - 32 thread. 21/32" long. With Screw-on black rubber protective cap.

AES-1117-35



Push Button Switch
12VDC 60Amps

AES-1117-37



12VDC 10Amps
Plunger Switch with Connector ON-(OFF) Built for the demanding conditions of dump truck and trailer operations, this rugged control switch delivers reliable, precise control of dump body functions. Designed to withstand vibration, dirt, and harsh weather, it provides dependable on/off performance.

AES-1117-21



Same as AES-1117-21, except without connector.

AES-1117-21-1



CH # 90043

Push-Button Switch 12V DC 20Amps, 24V DC 10Amps. Silver Contact. 2 Blade Terminals. Mounting Stem: 5/8" Thread, 0.625" (15.99mm) Long. Rubber Cap Snaps into Special Groove and is secured to the Mounting Stem by a deep-threaded nut for a Positive Seal.

AES-1217-17



CH # 91126

PVC-Coated Push Button Switch 12V DC 10Amps. PVC-coated body for moisture and dirt protection. 2 7" (177.8mm) wire leads. Mounting Stem: 7/16"-20 Thread, 0.44" (11.2mm) Long. Steel Button, 0.38" (9.7mm) diameter.

AES-1217-18



Merit # 210000

Push-Pull Switch
(short 7-13m/m)
Available to be with
Bigger Head.

AES-1118-17



Push Pull Switch
(Long 21-29mm)

AES-1118-23



Push Pull Switch
(Long 21-28mm)
Big Head Knob.

AES-1118-23A



Push-Pull Switch
(middle 14-22m/m)
Available to be
with Bigger Head.

AES-1118-28



Push-Pull Switch
(middle 14-22m/m)
With Bigger Head.

AES-1118-28A



Push-Pull Switch
(Middle 14-22mm)
Plug-in Type

AES-1118-29

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	



AES-1118-891



AES-1118-892

Universal Push- Button & Push- Pull Switches

Push-Pull Switches for Tractors, Forklifts & Special Applications

PTO Switches



Push / Pull 2 position switch
Ignition Switch for Magneto
Ignition systems. 1 screw terminal.
Replaces 54207DB
Fits Farmall A, B, BN, C, Cub, H,
M, Super C and Other Tractor
with Magneto.

AES-1117-31



Push / Pull 2 position switch
Ignition Switch for Battery
Ignition systems.
2 screw terminals. Fits IH
Fits Farmall A, B, BN, C, Cub,
H, M, Super C and Other
Tractors with Distributor
Fits Cub A B C 100 130 140 200 H

AES-1117-32



Push Button
Switch
6 Pins
(1,2,3,4,5,6)
With Cover

AES-1511-17

Jungheinrich
forklift
50251694
Red Cover With
White "STOP"
Printing

AES-1511-17-C

Jungheinrich
forklift
70051250
Printed With Lower
and Ground
Symbol.

AES-1511-17-1

Jungheinrich
forklift
70051240
Printed With Raise
and Ground
Symbol.

AES-1511-17-2

Jungheinrich
forklift
50461149
Printed With Left
Arrow Symbol.

AES-1511-17-3

Jungheinrich
forklift
50014951
No Cover

AES-1511-17-C4



Push Button Switch
2 Pins (2,3) With Cover

AES-1511-18

Jungheinrich forklift
70051260
Mitsubishi Forklift,
Caterpillar/Towmotor
Forklift Switch
Printed with Raise
Symbol.

AES-1511-18-C

Jungheinrich forklift
51374003
Printed with
Down Symbol.

AES-1511-18-C1

Printed With
Horn Symbol

AES-1511-18-C3



No Cover.

AES-1511-18-C4



Push Button Switch
2 Pins (1, 6) With Cover

AES-1511-19



Red Cover Printed With
Snail Symbol.

AES-1511-19-CR



Jungheinrich forklift # 50315593
Printed with Horn Symbol.

AES-1511-19-C



Jungheinrich forklift # 50315593
Printed with Horn Symbol.

AES-1511-19-C1



Printed With Raise and
Ground Symbol.

AES-1511-19-C2



Jungheinrich forklift # 50438514
Printed With Lower and
Ground Symbol.

AES-1511-19-C3



No Cover

AES-1511-19-C4



CH #40102
New Era No. B-18

Connector and Calbe Assembly
Wire Harness connects AES-1119-12
and AES-1119-13.
Replace: Eaton 38810,
Ford FAB-14668-B

AES-1119-11



Same as AES-1119-11,
except adding #10 terminals and
heat shrink tube.

AES-1119-11A



Valley Forge L-1451
CH # 50036
Pollak # 52-261
SMP # DS-168
New Era No.B-16
General # 4560

2 Speed Axle Switch 12VDC, 30Amps
3 Snap-in Terminals, Die-Casting Body
protected with Rubber Cover.
Use with Eaton Two-Speed Rear Axle.
Replace: Eaton 32861 Diamond T/Reo
9935-H, 319305 Dodge 1390517
Ford 8QH-4078, SW-1535 GMC 2274282,
IHC 79348-R91
Mack IMR-2101, White 716913

AES-1119-12



Terminal Block Limit Switch
Control 2 speed axle Shift.
Use with AES-1119-12.
Mount in Axle Shift Motor Housing.
Replace: EATON 32382, 32414,
62252 Chevrolet 2279014, 3854312,
Dodge 1390517, 1508375, 1508404
Ford B2W-4107-A, SW-1536
GMC 2279002 IHC 79050-R91 White 716920

AES-1119-13

Valley Forge L-1449
Pollak # 52-260
SMP # DS-169
CH # 9283
New Era No.B-17
General # 4567



SMP # DS-169A
CH # 40103
New Era No.B-19

Drive Screw Assembly
Screw Assembly operates AES-1119-13
Replace: EATON 32364,
Chevrolet #GMC 2279003,
Diamond T/Reo 9920-H, 3563-D5
Ford 8QH-4086-A, IHC 79034-R11,
White 716925

AES-1119-14

Universal Push- Button & Push- Pull Switches

Push-Pull Switches for Tractors, Forklifts & Special Applications

PTO Switches

Power Take-Off (PTO) is a mechanism that is used to transfer power from an engine to another mechanical device, such as a lawn mower blade, snow blower, or a hydraulic pump.

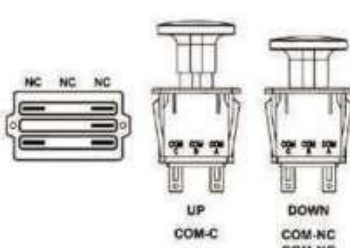
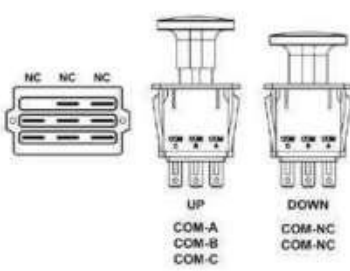
The PTO switch is a safety device that controls the engagement and disengagement of the PTO system. It is an essential feature in heavy-duty machinery that helps prevent accidents and injuries.



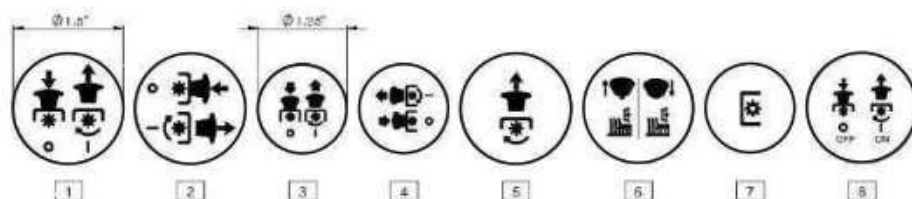
Rating: 9~16VDC

20Amps

IP54

AES Serial no.	Knob Color/ Style	Symbol	Electrical Config	Terminal/Diagram	Knob Color	Knob Size	Graphic Color	Reference
AES-1117-51	RB	1	NCV-IDT		Red	1.5"	White	6204-209 33-082 Buntin Bobcat 2188153
	RB	2			Red	1.5"	White	6204-206 33-002 Ariens 522100 Ariens 1545600 Exmark 633673 John Deere AM118802 John Deere AM119139 Kubota K1211-62230 Scag 481635 Snapper 2-8542 Toro 93-9999 Toro 95-4108 Toro 957489
	RS	3			Red	1.25"	White	
	YB	1			Yellow	1.5"	Black	6204-212
	YS	3			Yellow	1.25"	Black	
	YB	2			Yellow	1.5"	Black	6204-219
	RB	1			Red	1.5"	White	6204-316
AES-1117-52	RS	3	NO\DT\DT		Red	1.25"	White	6204-321
	YS	3			Yellow	1.25"	Black	
	YB	1			Yellow	1.5"	Black	6204-315 33-093
	BS	4			Black	1.25"	White	6204-331
	BS	3			Black	1.25"	White	
	BB	1			Black	1.5"	Silver	6204-313 33-081 AYP 174651

Knob Graphic :



AES Serial no.	Knob Color/ Style	Symbol	Electrical Config	Terminal/Diagram	Knob Color	Knob Size	Graphic Color	Reference
AES-1117-53	RS	3	NC\DT\DT		Red	1.25"	White	6204-322
	YS	-			Yellow	1.25"	-	6204-325
	YS	3			Yellow	1.25"	Black	6204-342
	RS	-			Red	1.25"	-	6204-353
	YB	2			Yellow	1.5"	Black	6204-358
	YB	1			Yellow	1.5"	Black	6204-362
AES-1117-55	YB	-	-DT\DT		Yellow	1.5"	-	6204-207
	BB	-			Black	1.5"	-	6204-208
	YB	-			Yellow	1.5"	Black	6204-210
	BB	-			Black	1.5"	Silver	6204-211
	BS	3			Black	1.25"	White	
	BS	-			Red	1.25"	-	6204-220
AES-1117-56	BB	1	NC\NO\DT		Black	1.5"	White	6204-308
	BS	3			Black	1.25"	White	
	YS	3			Yellow	1.25"	Black	33-083 MTD 925-04175 MTD 925-04258
AES-1117-57	RB	1	NO\~\DT		Red	1.5"	White	6204-204
	BS	3			Black	1.25"	White	
	YS	3			Yellow	1.25"	Black	

Toggle Switch
ON-OFF 2 position, SPST
12VDC, 10Amps

AES-1118-12



AES P/N#	Circuitry	Terminal	Type	Remark
AES-1118-12	OFF-ON	2 Screws	SPST	
AES-1118-12M	OFF-(ON)	2 Screws	SPST	Momentary Type
AES-1118-12A	OFF-ON	2 Screws	SPST	w/extra ON/OFF Face Plate
AES-1118-42A	OFF-ON	2 Screws	SPST	w/Weatherproof Cap

Toggle Switch
ON-OFF-ON, SPDT
12VDC, 10Amps,

AES-1118-14



AES P/N#	Circuitry	Terminal	Type	Remark
AES-1118-14	ON-OFF-ON	3 Screws	SPDT	
AES-1118-14M	(ON)-OFF-(ON)	3 Screws	SPDT	Momentary Type
AES-1118-14A	ON-ON	3 Screws	SPDT	
AES-1118-42B	ON-OFF-ON	3 Screws	SPDT	w/Weatherproof Cap
AES-1118-42BM	(ON)-OFF-(ON)	3 Screws	SPDT	Momentary Type w/Weatherproof Cap

Toggle Switch
ON-OFF-ON
6 terminals, 3 positions,
DPDT
12VDC, 10Amps

AES-1118-15



AES P/N#	Circuitry	Terminal	Type	Remark
AES-1118-15	ON-OFF-ON	6 Screws	DPDT	
AES-1118-15-C	ON-OFF-ON	6 Screws	DPDT	w/Weatherproof Cap
AES-1118-15M	(ON)-OFF-(ON)	6 Screws	DPDT	Momentary Type
AES-1118-15A	ON-ON	6 Screws	DPDT	
AES-1118-15B	ON-OFF	6 Screws	DPST	



Pollak # 34-212

Heavy Duty Toggle Switch
SPST, OFF-ON
12VDC 50Amps
2 screw terminals
w/Chromed Plastic Handle

AES-1118-13N



Same as AES-1118-13N
Except with Black
Plastic Handle

AES-1118-13NB



Same as AES-1118-13N
Except with Pin Terminals

AES-1118-13N-P



Sames as AES-1118-13N
Except with Pin Terminals
and Black Plastic Handle

AES-1118-13NB-P



Valley Forge # L-1458
General # 2159
Pollak # 34-218

Heavy Duty Toggle Switch
SPDT, ON-OFF-ON
12VDC 50Amps 3 screw terminals.
w/Chromed Plastic Handle

AES-1118-22N



Same as AES-1118-22N
Except with Black
Plastic Handle

AES-1118-22NB



Toggle Switch
OFF-ON 2 Position
125VDC, 3Amps

AES-1118-11



Toggle Switch
OFF-ON
125VDC, 3Amps

AES-1118-18



Weatherproof Toggle Switch
2P, SPST, OFF-ON
12VDC 25Amps,
24VDC 15Amps
Meet Ip67

AES-1118-27



Same as AES-1118-27
With Weatherproof Cap.

AES-1118-27-C



Same as AES-1118-27-C
Wires with bullet terminals.

AES-1118-27-C1



Weatherproof Toggle Switch
3P, SPST, ON-OFF-ON
12VDC 25Amps,
24VDC 15Amps
Meet Ip67

AES-1118-27A

Same as AES-1118-27A
(ON)-OFF-(ON)

AES-1118-27AM

Same as AES-1118-27A
With Weatherproof Cap.

AES-1118-27A-C

Same as AES-1118-27A-C
Wires with bullet terminals.

AES-1118-27A-C1



Toggle Switch
Light Duty, 12VDC, 10Amps
OFF-ON, SPST
2 Screws Terminals
With Long Handle
With Nickel-plated OFF-ON
Face Plate Assembled.

AES-1118-31A



Toggle Switch
Light Duty, 12VDC, 10Amps
ON-OFF-ON, SPDT
3 Screw Terminals.
With Nickel-plated ON-ON
Face Plate Assembled.

AES-1118-32



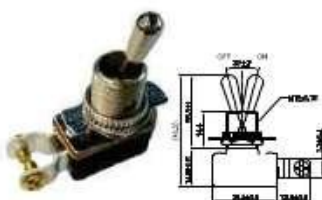
Weatherproof Toggle Switch
12VDC 10Amps
OFF-ON, SPST
With 16AWG wires,
M12*P 1mm

AES-1118-36



Toggle Switch
12VDC, 6 Amps
SPST, OFF-ON,
With 2* 6" Wire Leads.

AES-1118-35



Toggle Switch
12VDC, 6 Amps
SPST, OFF-ON,
With 2 Screws.

AES-1118-35S



Toggle Switch OFF-ON
12VDC, 10Amps
With Screw Terminals

AES-1118-47



Toggle Switch OFF-ON
12VDC, 10Amps
With 2 Pin

AES-1118-47P



Toggle Switch with Safety Cover
AES-1118-12 with Safety Cover
12VDC 10Amps
Carbon Fiber Cover.
Other Colors Available

AES-1118-39CF



Toggle Switch with Safty Cover
AES-1118-43 with Safety Cover
12VDC 20Amps
Red Cover
Other Colors Available

AES-1118-40R



LED Toggle Switch
12VDC 20Amps
LED: Blue
Other Color LED
available

AES-1118-44BL



LED Toggle Switch with
Safety Cover
LED Toggle Switch
AES-1118-44R
Safety Cover AES-1118-41CF
(Carbon Fiber)
Other LED and cover
colors available

AES-1118-45R-CF



Safty Cover For
Toggle Switch
Other Colors Available

AES-1118-41R



Safty Cover For
Toggle Switch
Other Colors Available

AES-1118-41R-1



Weatherproof Boot
Diameter: M12*0.75

AES-1118-42



Walled Faceplate
Switch Guard

PA165-202601



Handle Extension

PBS043-202602



Single Pole Toggle Switch
Rating: 12VDC 20Amps
Contact R.: 500m Ω Max.
Insulation r.: DC500V
100m Ω Min.
Dielectric Strength:
AC 100V 1 minute
Operating Temperature: -20°C ~ +65°C
Electrical Life: 50,000 make and break
cycles at full load



AES-1118-43

AES P/N#	Circuitry	Terminal	Type	Remark
AES-1118-43	OFF-ON	2 Screws	SPST	
AES-1118-43-C	OFF-ON	2 Screws	SPST	w/Weatherproof Cap
AES-1118-43M	OFF-(ON)	2 Screws	SPST	Momentary Type
AES-1118-43A	ON-ON	3 Screws	SPDT	
AES-1118-43AM	(ON)-ON	3 Screws	SPDT	Momentary Type
AES-1118-43B	ON-OFF-ON	3 Screws	SPDT	
AES-1118-43BM	(ON)-OFF-(ON)	3 Screws	SPDT	Momentary Type
AES-1118-43BM1	(ON)-OFF-ON	3 Screws	SPDT	Momentary Type

※ For the Pin Terminal type, add the "P" suffix (e.g., AES-1118-43P).

Double Pole Toggle Switch
Rating: 12VDC 20Amps
Contact R.: 500m Ω Max.
Insulation r.: DC500V 100m Ω Min.
Dielectric Strength: AC 100V 1 minute
Operating Temperature: -20°C ~ +65°C
Electrical Life: 50,000 make and break
cycles at full load



AES-1118-46

AES P/N#	Circuitry	Terminal	Type	Remark
AES-1118-46	OFF-ON	4 Screws	DPST	
AES-1118-46-C	OFF-ON	4 Screws	DPST	w/Weatherproof Cap
AES-1118-46M	OFF-(ON)	4 Screws	DPST	Momentary Type
AES-1118-46A	ON-ON	6 Screws	DPDT	
AES-1118-46AM	(ON)-ON	6 Screws	DPDT	Momentary Type
AES-1118-46AM-1	(ON)-ON	6 Screws	DPDT	Momentary Type, long handle
AES-1118-46B	ON-OFF-ON	6 Screws	DPDT	
AES-1118-46BM	(ON)-OFF-(ON)	6 Screws	DPDT	Momentary Type
AES-1118-46BM1	(ON)-OFF-ON	6 Screws	DPDT	Momentary Type

※ For the Pin Terminal type, add the "P" suffix (e.g., AES-1118-46P).



Toggle Switch
12VDC 20Amps,
Long Lever

AES-1118-48



Toggle Switch 12VDC, 20 Amps
ON-OFF, SPST, 3 Pins
Illuminated(Blub) Long Handle
Lever color: Blue, Green,
Orange or Red

AES-1118-48C

AES P/N#	Circuitry	Terminal	Type	Remark
AES-1118-48	OFF-ON	2 Pins	SPST	
AES-1118-48M	OFF-(ON)	2 Pins	SPST	Momentary Type
AES-1118-48A	ON-ON	3 Pins	SPDT	
AES-1118-48B	ON-OFF-ON	3 Pins	SPDT	



Toggle Switch
12VDC 20Amps,
Flat Lever

AES-1118-49



Toggle Switch 12VDC, 20 Amps
ON-OFF, SPST, 3 Pins Illuminated
(Blub) Flat Handle Lever color: Blue,
Green, Orange or Red

AES-1118-49C

AES P/N#	Circuitry	Terminal	Type	Remark
AES-1118-49	OFF-ON	2 Pins	SPST	
AES-1118-49-1	OFF-ON	2 Pins	SPST	Chromed lever
AES-1118-49A	ON-ON	3 Pins	SPDT	
AES-1118-49B	ON-OFF-ON	3 Pins	SPDT	



Single Pole/Double Pole Toggle Switch
12VDC 10Amps,
Meet IP54.

AES-1118-71/AES-1118-72

AES P/N#	Circuitry	Terminal	Type
AES-1118-71	OFF-ON	2 Screws	SPST
AES-1118-71M	OFF-(ON)	2 Screws	SPST
AES-1118-71A	ON-ON	3 Screws	SPDT
AES-1118-71AM	ON-(ON)	3 Screws	SPDT
AES-1118-71B	ON-OFF-ON	3 Screws	SPDT
AES-1118-71BM	(ON)-OFF-(ON)	3 Screws	SPDT
AES-1118-71BM1	(ON)-OFF-ON	3 Screws	SPDT
AES-1118-72	OFF-ON	4 Screws	DPST
AES-1118-72M	OFF-(ON)	4 Screws	DPST
AES-1118-72A	ON-ON	6 Screws	DPDT
AES-1118-72AM	ON-(ON)	6 Screws	DPDT
AES-1118-72B	ON-OFF-ON	6 Screws	DPDT
AES-1118-72BM	(ON)-OFF-(ON)	6 Screws	DPDT
AES-1118-72BM1	(ON)-OFF-ON	6 Screws	DPDT

※ For the Pin Terminal type, add the "P" suffix (e.g., AES-1118-72P).



Illuminated Toggle Switch (Blub)
Single Pole/Double Pole
12VDC 10Amps
With Green Lever or White Lever.
Meet IP54

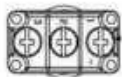
AES-1118-73/AES-1118-74

AES P/N#	Circuitry	Terminal	Type
AES-1118-73	OFF-ON	3 Screws	SPST
AES-1118-73M	OFF-(ON)	3 Screws	SPST
AES-1118-73A	ON-ON	4 Screws	SPDT
AES-1118-73AM	ON-(ON)	4 Screws	SPDT
AES-1118-73B	ON-OFF-ON	4 Screws	SPDT
AES-1118-73BM	(ON)-OFF-(ON)	4 Screws	SPDT
AES-1118-73BM1	(ON)-OFF-ON	4 Screws	SPDT
AES-1118-74	OFF-ON	4 Screws	DPST
AES-1118-74M	OFF-(ON)	4 Screws	DPST
AES-1118-74A	ON-ON	6 Screws	DPDT
AES-1118-74AM	ON-(ON)	6 Screws	DPDT
AES-1118-74B	ON-OFF-ON	6 Screws	DPDT
AES-1118-74BM	(ON)-OFF-(ON)	6 Screws	DPDT
AES-1118-74BM1	(ON)-OFF-ON	6 Screws	DPDT

※ For the Pin Terminal type, add the "P" suffix (e.g., AES-1118-73P).

※ For the LED type, add the "-L" suffix. (e.g., AES-1118-73P-L)

**Sealed Toggle Switch
12VDC 20Amps
IP69K**



AES-1118-91-

AES-1118-91W-



AES-1118-92-

AES-1118-92W-

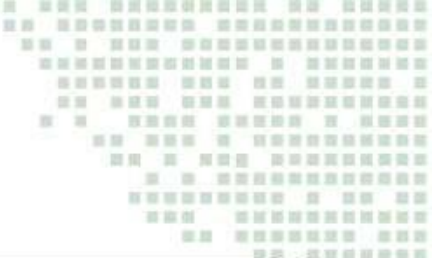


Pole	Lever Type	Fuction
1 Single	P Plastic	1 ON-OFF-ON
2 Double		2 OFF-ON
3 ON-ON		3 ON-ON
4 Four		4 (OFF)-ON
	B Metal Ball	5 (ON)-OFF-ON
		6 (ON)-OFF
		7 (ON)-OFF-(ON)
		8 (ON)-ON
		10 ON-ON-ON
		12 ON-ON-ON
		21 NONE-OFF-ON
		31 NONE-ON-ON
		50 (ON)ONON
		51 NONE-ON-(ON)
		61 (ON)-OFF
		70 (ON)-ON-(ON)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

Terminal Type	Pole	Lever Type	Fuction
P 250TAB	1 Single	P Plastic	1 ON-OFF-ON
	2 Double		2 OFF-ON
	3 ON-ON		3 ON-ON
	4 Four		4 (OFF)-ON
2 187TAB		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
S SOLDER LUG			
(None) SCREW TAB			

1 Pole				2 Pole			4 Pole		
Keyway Position	Center Position	Oppsite Keyway		Keyway Position	Center Position	Oppsite Keyway	Keyway Position	Center Position	Oppsite Keyway
1	1-2	OFF	2-3	1-2, 4-5	OFF	2-3, 5-6	1-2, 4-5, 7-8, 10-11	OFF	2-3, 5-6, 8-9, 11-12
2	OFF	-	2-3	OFF		2-3, 5-6	OFF		2-3, 5-6, 8-9, 11-12
3	1-2	-	2-3	1-2, 4-5		2-3, 5-6	1-2, 4-5, 7-8, 10-11		2-3, 5-6, 8-9, 11-12
4	(OFF)	-	2-3	(OFF)		2-3, 5-6	(OFF)		2-3, 5-6, 8-9, 11-12
5	(1-2)	OFF	2-3	(1-2), (4-5)	OFF	2-3, 5-6	(1-2), (4-5), (7-8), (10-11)	OFF	2-3, 5-6, 8-9, 11-12
6	(1-2)	-	OFF	(1-2), (4-5)		OFF	(1-2), (4-5), (7-8), (10-11)		OFF
7	(1-2)	OFF	(2-3)	(1-2), (4-5)	OFF	(2-3), (5-6)	(1-2), (4-5), (7-8), (10-11)	OFF	(2-3), (5-6), (8-9), (11-12)
8	(1-2)	-	2-3	(1-2), (4-5)		2-3, 5-6	(1-2), (4-5), (7-8), (10-11)		2-3, 5-6, 8-9, 11-12
10	-	-	-	1-2, 4-5	1-2, 5-6	2-3, 5-6	1-2, 4-5, 7-8, 10-11	2-3, 4-5	2-3, 5-6, 8-9, 11-12
12	-	-	-	1-2, 4-5	2-3, 4-5	2-3, 5-6	1-2, 4-5, 7-8, 10-11	2-3, 4-5, 7-8, 11-12	2-3, 5-6, 8-9, 11-12
21	None	OFF	2-3	None	OFF	2-3, 5-6	None	OFF	2-3, 5-6, 8-9, 11-12
31	None	1-2	2-3	None	1-2, 4-5	2-3, 5-6	None	1-2, 4-5, 7-8, 10-11	2-3, 5-6, 8-9, 11-12
50	-	-	-	(1-2), (4-5)	1-2, 5-6	2-3, 5-6	(1-2), (4-5), (7-8), (10-11)	2-3, 4-5, 7-8, 11-12	2-3, 5-6, 8-9, 11-12
51	None	1-2	(2-3)	None	1-2, 4-5	(2-3), (5-6)	None	1-2, 4-5, 7-8, 10-11	(2-3), (5-6), (8-9), (11-12)
61	(1-2)	OFF	None	(1-2), (4-5)	OFF	None	(1-2), (4-5), (7-8), (10-11)	OFF	None
70	-	-	-	(1-2), (4-5)	1-2, 5-6	(2-3), (5-6)	(1-2), (4-5), (7-8), (10-11)	2-3, 4-5	(2-3), (5-6), (8-9), (11-12)

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 	Code				
ON-OFF		AES-1118-51	AES-1118-53	AES-1118-58	AES-1118-59
(ON)-OFF	M	AES-1118-51M	AES-1118-53M	AES-1118-58M	AES-1118-59M
ON-ON	A	AES-1118-51A	AES-1118-53A	AES-1118-58A	AES-1118-59A
(ON)-ON	AM	AES-1118-51AM	AES-1118-53AM	AES-1118-58AM1	AES-1118-59AM1
ON-OFF-ON	B	AES-1118-51B	AES-1118-53B	AES-1118-58B	AES-1118-59B
(ON)-OFF-(ON)	BM	AES-1118-51BM	AES-1118-53BM	AES-1118-58BM	AES-1118-59BM
(ON)-OFF-ON	BM1	AES-1118-51BM1	AES-1118-53BM1	AES-1118-58BM1	AES-1118-59BM1
Double Pole 	Code				
ON-OFF		AES-1118-52	AES-1118-54	AES-1118-56	AES-1118-57
(ON)-OFF	M	AES-1118-52M	AES-1118-54M	AES-1118-56M	AES-1118-57M
ON-ON	A	AES-1118-52A	AES-1118-54A	AES-1118-56A	AES-1118-57A
(ON)-ON	AM	AES-1118-52AM	AES-1118-54M	AES-1118-56AM	AES-1118-57AM
ON-OFF-ON	B	AES-1118-52B	AES-1118-54B	AES-1118-56B	AES-1118-57B
(ON)-OFF-(ON)	BM	AES-1118-52BM	AES-1118-54BM	AES-1118-56BM	AES-1118-57BM
(ON)-OFF-ON	BM1	AES-1118-52BM1	AES-1118-54BM1	AES-1118-56BM1	AES-1118-57BM1
ON-ON-ON	C				
(ON)-ON-ON	CM				
ON-ON-OFF	D				
(ON)-ON-OFF	DM				



											
12V DC 20A; 24V DC 10A		12V DC 20A; 24V DC 10A		12V DC 20A; 24V DC 10A		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)	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						

E Serial Available, Add E at the end of number. Example: AES-1118-81EP; AES-1118-83EP

(ON)-OFF-(ON), DPDT
Barrier Type Base

AES-1118-85EPBM-B29



0-Light

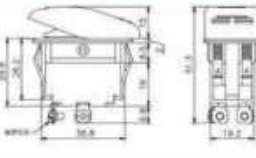
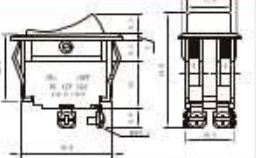
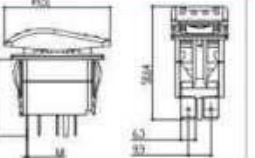
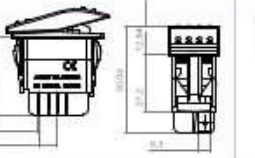
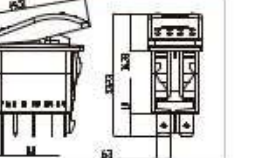
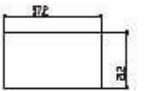


1-Light

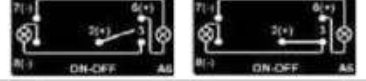


2-Light



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 with suffix '1'	AES-1118-831P		LED illuminated (7-8)	
Low LED always illuminated with suffix '2'	AES-1118-832P	Low LED illuminated	Low + Top LEDs illuminated	
Top LED always illuminated with suffix '3'	AES-1118-833P	Top LED illuminated	Low + Top LEDs illuminated	

Accessory for AES-1118-81 Serial



Flanged Rocker Switch Guard



Actuator Type

Printing Symbol



Etched Symbol



Symbol codes shown are subject to change and are for reference only. Verify the actual codes prior to ordering.

Printed Symbols Code :

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21
B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42
B43	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	J1	J2	J3	J4	J5	J6
J7	J8	J9	J10	J11	J12	J13	J14	J15	J16	J17	J18	J19	J20	J21	J22	J23	J24	J25	J26	J27
J28	J29	J30	J31	J32	J33	J34	J35	J36	J37	J38	J39	J40	J41	J42	J43	J44	J45	J46	J47	J48
J49	J50	J51	J52	J53	J54	J57	J58	J59	J60	J61	J62	J63								

Laser Etch Symbols Code :

LB1	LB2	LB3	LB4	LB5	LB6	LB7	LB8	LB9	LB10	LB11	LJ1	LJ2	LJ3	LJ4	LJ5	LJ6	LJ7
LJ8	LJ9	LJ10	LJ11	LJ12	LJ13	LJ14	LJ15	LJ16	LJ17	LJ18	LJ19	LJ20	LJ21	LJ22	LJ23	LJ24	LJ25
LJ26	LJ27	LJ28	LJ29	LJ30	LJ31	LJ32	LJ33	LJ34	LJ35	LJ36	LJ37	LJ38	LJ39	LJ40	LJ41	LJ42	LJ43
LE1	LE2	LE3	LE4	LE5	LE6	LE7	LE8	LE9	LE10	LE11	LE12	LE13	LE14	LE15	LE16	LE17	LE18
LE19	LE20	LE21	LE22	LE23	LE24	LE25	LE26	LE27	LE28	LE29	LE30	LE31	LE32	LE33			



12VDC 16Amps;
24VDC 10Amps

AES-1118-61



12VDC 16Amps;
24VDC 10Amps

AES-1118-62



12VDC 16Amps;
24VDC 10Amps

AES-1118-63L1/L2

AES P/N	Type	Terminal	Function
AES-1118-61	SPST	2P	OFF-ON
AES-1118-61A	SPDT	3P	ON-ON
AES-1118-61B	SPDT	3P	ON-OFF-ON

AES P/N	Type	Terminal	Function
AES-1118-62	SPST	4P	OFF-ON
AES-1118-62A	SPDT	6P	ON-ON
AES-1118-62B	SPDT	6P	ON-OFF-ON



12VDC 16Amps;
24VDC 10Amps

AES-1118-63



12VDC 16Amps; 24VDC 10Amps
3 Pins, OFF-ON, Bulb*1 (Red)
Other Colors Available

AES-1118-63C-R

AES P/N	Type	Terminal	Function	Light
AES-1118-63L1	SPST	3P	OFF-ON	Bulb*1 (Red)
AES-1118-63L2	SPST	3P	ON-ON	Bulb*1 (Red)

AES P/N	Type	Terminal	Function	Light
AES-1118-63	SPDT	2P	OFF-ON	0
AES-1118-63A	SPDT	3P	ON-ON	0
AES-1118-63B	SPDT	3P	ON-OFF-ON	0



3 Pins, OFF-ON, SPDT
Rating:
12VDC 16Amps;
24VDC 10Amps

AES-1118-65



3 Pins, OFF-ON, SPST
Rating:
12VDC 16Amps;
24VDC 10Amps

AES-1118-66



4 Pins, OFF-ON, SPST
Rating:
12VDC 16Amps;
24VDC 10Amps

AES-1118-611



3 Pins, OFF-ON, SPDT
Rating:
12VDC 16Amps;
24VDC 10Amps

AES-1118-681



3 Pins, OFF-ON, SPST
Rating:
12VDC 16Amps;
24VDC 10Amps

AES-1118-681-C



OFF-ON, 3 Pin, Red LED
Panel Cut-Out: 13.2*192mm
Rating:
12VDC 6Amps
24VDC 3Amps
Other Colors Available

AES-1118-681AL-R



Same as
AES-1118-681
Momentary Type

AES-1118-681M



SPST, 2 Pins, OFF-ON
Rating:
12VDC 10Amps
24VDC 5Amps

AES-1118-68A



Rocker Switch
12VDC 10Amps (no Light)
SPST, 5 Pins, OFF-ON

AES-1118-69



Rocker Switch
12VDC 20Amps
SPST, 2 Pins, OFF-ON

AES-1118-70



LED Rocker Switch
ON/OFF
12VDC 20Amps
3 Pins, SPST
Color: Red, Yellow, Green, Blue

AES-1118-70A-L

AES P/N	TYPE	Function	Rating	Light	Terminal
AES-1118-77	SPST	OFF-ON	14VDC 20Amps	0	2
AES-1118-77M	SPST	OFF-(ON)		0	2
AES-1118-77-A	SPST	ON-OFF-ON		0	3
AES-1118-77-B	SPST	ON-ON	28VDC 10Amps	0	3
AES-1118-77B	SPST	OFF-ON		LED*1(Green/ Red/ Yellow/Blue)	3
AES-1118-77A-R	SPST	OFF-ON		Bulb*1 (Red Lens)	3
AES-1118-77AL-R	SPST	OFF-ON	14VDC 20Amps or 28VDC 10Amps	LED*1 (Red) (available Blue/ Green/ Yellow)	3
AES-1118-77A1	SPST	OFF-ON		Bulb*1 (Red/ Blue/Green/ Yellow)	3
AES-1118-771	SPST	OFF-ON		LED*1	3
AES-1118-771-12R	SPST	OFF-ON		LED*1 (Red)	3



AES-1118-77



AES-1118-77A-R

AES P/N	TYPE	Function	Rating	Light	Terminal
AES-1118-773-1	SPST	OFF-ON	14VDC 20Amps or 28VDC 10Amps	LED * 1	3
AES-1118-773-2	SPST	OFF-ON		LED * 2	3
AES-1118-773-L	SPST	OFF-ON		LED * 2	4
AES-1118-773-2M	SPST	OFF-(ON)		LED * 2	3
AES-1118-773L-A	SPDT	ON-OFF-ON		LED * 3	4
AES-1118-773L-B	SPDT	ON-ON		LED * 3	4



AES-1118-773L

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



AES-1118-78



AES-1118-78A-R

Relays & Flashers



Headlight Relay with Double Fuse
NLR-132 6P
12V/ 24V 30A

AES-01018



Waterproof Universal
Relay with Resistor
5P 1C 12V/ 24V
12065125, D-1703A
Usage includes Air Conditioner Compressor,
Blower, Accessory, Alarm Chime,
Auxiliary Control, Converter Clutch Control,
Coolant Fan, Courtesy Lamp,
Fog Lamp and Fuel Pump.

AES-01070



Waterproof Universal Relay
with Resistor
Toyota EFI, Horn Fan Relay
4P, 12V/24V 30Amps

AES-01073



Starter Relay
Compatible with Chrysler
Products
SR-93 2713 2444442 SR105

AES-01075



Starter Relay
SR-63 2718
12V

AES-01075A



Starter Relay
SR-64 2719
12V

AES-01075B



Accessory Relay 5P
12V/ 24V 40Amps

AES-01080



Accessory Relay 5P
12V/ 24V 40Amps

AES-01081



4P Relay, with Bracket
12V 40Amps/24V 40Amps
SPST, NO Type

AES-01086



4P Mini Relay
12V 40Amps/24V
40AmpsSP
ST

AES-01086S



Accessory Relay
4P
12V/24V 40Amps

AES-01087



Accessory Relay
with Metal Bracket
12V 40Amps
24V 40Amps

AES-01089A



Maxi Closing Relay
with Resistor
12V 40Amps
24V 40Amps

AES-01089A01



Accessory Relay 5P
with Bracket
12V/ 24V 30/40Amps

AES-01092



Accessory Relay with Diode
5P with Bracket
12V 30/40Amps

AES-0109202



Mini Exchange Relay
12V 30Amps/40Amps
24V 30Amps

AES-01092S



Accessory Relay 5P
12V/ 24V 30/40Amps

AES-01093



Standard Type
12V 70Amps/80Amps
24V 60Amps

AES-01100



Relay With Bracket

AES-01095A-24



Without Bracket 12V
40Amps/70Amps/80Amps
Toyota 191937503 156700-1570
Headlamp Relay 24V 60Amps

AES-01101



With Resistor 12V
40Amps/70Amps/80Amps
Toyota 191937503 156700-1570
Headlamp Relay 24V 60Amps

AES-0110101



Accessory Relay 4P
With metal bracket
12V 70A/80A
24V 60A

AES-01102A



Double Make Relay
12V 40A
24V 20A

AES-01103



Double Make Relay
without Bracket
12V 40Amps
24V 20Amps

AES-01104



Honda Main Relay
39400-SH3-003
12V 7P
RZ-0028 RZ-0063

AES-01124

5P 1C, 12V, 24V 12077866 95220-38300
81277-866-0

RY232 RY426 Usage includes Air
Conditioner Compressor,
Accessory Safety, Coming Lamp,
Courtesy Lamp,
Cruise Control,
Electronic Brake Control, Fog Lamp Cut-off, Fob Lamp,
Fuel Pump, Hazard and Turn Signal and Headlight Relay.



AES-01130



With Diode
12V/ 24V

AES-0113003

4P 1A, 12V 25Amps,
24V 15Amps
Usage includes Air Conditioner
Compressor,
Accelerator, Accessory Safety,
Automatic Headlight ON/OFF,
Catalytic Converter, Temperature Indicator,
Coolant Lamp, Fuel Filler Door, Fuel Pump,
Headlight, Horn and Ignition Relay.



AES-01131



5P 1C 12V 60A/80A
24V 40A/60A

AES-01134



Waterproof Relay
12V 24V 30/ 40 Amps
5P 1C

AES-01157



12V 20/ 35 Amps 5P
AR240, RY46, 913157
F8PZ-14N135-AA

AES-01170



12V 20 Amps 5P
AR242, RY71, 913182, 413182
F8PZ-14N135-BA/CA

AES-01171



12V 20/10Amps 5P
AR243, RY70, 413181
F8PZ-14N135-FA

AES-01172



12V 20 Amps 4P
Ar245, RY69, 913170, 413170,
83458024, E3EB12A598B2A

AES-01173

96263403, RY604

Usage includes Air Conditioner High Blow,
Blower, Accessory Delay, Accessory Safety,
Computer Control, Coolant Fan,
Electronic Brake Control, Fog Lamp,
Headlight, Power Window,
Rear Window Defogger, Secondary Air-Injection
Pump and Starter Relay. 12V, 5P



AES-01184



12V 9P
SRB301, 22RA33356B

AES-01194



With Resistor
12V 20 Amps

AES-0128301



Rear Fog Timer Relay
Compatible with Peugeot,
Citroen
655574, 6545A4, 9656985880,
9619879180 12V 5P

AES-01285



552 Flasher Relay
2P 6V 32CP MAX. (2-6)
2P 12V 32CP MAX. (2-6)
2P 24V 32CP MAX.(2-6)

AES-02001



550 Flasher Relay
3P 6V 32CP MAX. (2-6)
3P 12V 32CP MAX. (2-6)
3P 24V 32CP MAX.(2-6)

AES-02004



3P 6V 32CP MAX. (2-6)
3P 12V 32CP MAX. (2-6)
3P 24V 32CP MAX.(2-6)

AES-02013



AlfaV.W. Electronic
Flasher Unit
12V 2/4 X 21W
Hazard Warning

AES-03008



Magnetic Type
Non-Polarized
Universal Type
2P 12V/24V
21-23W
MAX.6 Bulbs

AES-03010



Electronic Flasher
Unit LED Flashse,
Non-Polarized
Universal Type
1W~200W
12V 2P

AES-03012



Electronic Flasher
Unit Magnetic Type
Non-Polarized
Universal Type
3P 12V/24V 21-23W
MAX.6 Bulbs

AES-03013



Electronic Flasher
Unit Magnetic Type
Non-Polarized
Universal Type
3P 12V/24V 21-23W
MAX.6 Bulbs

AES-03015



Daihatsu Flasher 12V/ 24V
166500-0110 166500-0561
81980-87705-000
81980-A1705 81980-87502

AES-03033



262 Flasher
12V, 2P
2-10 Lamps
GM 15504573
Ford E845-13350-AA
No-Polarized

AES-03049



263 Flasher
3P 12V Max 20Amps
2-10 Lamps
Np-Polarized.

AES-03050



LED Flasher
12V, 0.1W~130W
3P

AES-03056



Nissan 12V, 3P
25731-89960 25730-50A01
2(4)X21W+0~5W
25731-72B10

AES-03061



LED Flasher
12V 60mA~10Amps
3P

AES-03067



Ford LED Flasher
96AG 13350 AC
Grote 44090
FDFC-090A1
1035579 12V

AES-03083



Toyota 12V 8P
81980-50030
066500-4650,066500-5601
Daihatsu
81980-BZ10, 81980-02030

AES-03085



LED Flasher Relay
12VDC 20Amps

AES-03123L



LED Flasher Relay
12VDC 20Amps

AES-03123AL-12



Electronic Flasher
2 Terminals
12VDC 35Amps
16Lamps

AES-03140-12



Electronic Flasher
2 Terminals
12VDC 45Amps
20Lamps

AES-03146-12



Back Up Alarm
(Fixed Type)
12V-80V, 97±4dB

AES-689

Back Up Alarm
(Self-Adjusting Type)
12V-24V, 77-102±4dB
Beep-Beep Sound

AES-689S



12V 20A Buzzer Screw Terminals,
Usage includes low air pressure
warning signal on trucks and
rear door
warning signal on buses.

AES-ST736



General # 3350

Universal Warming Buzzer
12 Volt, 20 Amps, 26 Ohms.
Ford EDM-2938-A, GMC 1116882,
Superior Coach 76023,
Wayne Works Div.,
Divco- Wayne E-11811A,
IHC 8005279C91. 44310-0/L-1475

AES-1122-1

For 12VDC electric systems. Combination
Warning Light and Buzzer
Operate Simultaneously.
Applications include: low air, oil ,
vacuum,
high or low engine temperature,
door ajar warning, hoist or dump alarm,
monitor in cab for back-up alarm,
camper to cab emergency signal.

AES-1122-6



CH# 4112-RC



CH # 40100

Signal Buzzer Control Switch
SPST, OFF-MOM ON, Normally OFF,
Pull to ON, Spring return to OFF.
For use with systems up to 36V DC.
For use by passenger in buses and
rapid transit vehicles. Operate with a pull cord.
Replaces: Delco 1998723, 18998802, 1998020

AES-1117-20

Oil Pressure Switches, Thermostats Electrical Control Kits



Oil Pressure Switch
Light Type 1/8" 28BSPT
Thread. 2.5-6.5 PSI
12V/24V, 3.4W
83530-10010 83530-30030
83530-14030 83530-10020

AES-1113-41



Thermostat Fan Switch,
185°F ON - 175°F OFF
Automotive Engine Electric
Radiator Cooling Fan
Temperature Switches
Sensor

AES-1113-51



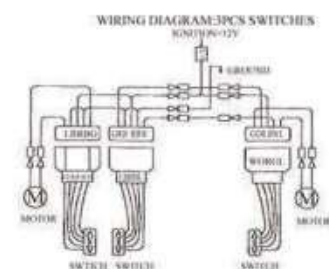
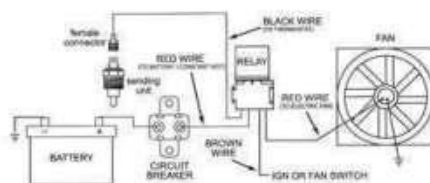
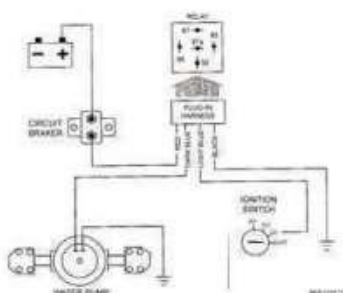
Thermostat Fan Switch,
210°F ON - 195°F OFF
Automotive Engine Electric
Radiator Cooling Fan
Temperature Switches
Sensor

AES-1113-52



Thermo Switch
Normally open between
ground and terminals.
Nominal working Temperature
range 125 °C±3°C ON.

AES-1113-53



Relay Wiring Set Including:
- Relay*1
- Circuit Breaker 30Amp*1
- Wire Set*1
- Terminal Screw Pack*1

AES-1122-12



Fan Relay Ass'y
Thermostat Fan Switch,
210°F ON - 195°F OFF
Automotive Engine
Electric Radiator Cooling Fan
Temperature Switches Sensor

AES-1122-13A



Window Switch Set Including:
- Window Switch*3
- 1 Hole Panel*1
- 2 Hole Panel*2
- Wire Harness Set*1

AES-1122-14

Oil Pressure Switches, Thermostats Electrical Control Kits



Relay Harness Including:
- Relay AES-01157-12-1C*1
- Harness Set with Socket

AES-1122-15



Fan Relay Kit Including:
- Relay*2
- Control Switch*1
- Wire set*2 (plastic connector
+ black and red wires)
- Harness
- Wire + Terminal

AES-1122-16

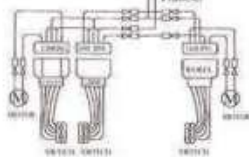


Light Control Kit Including:
- Relay*1
- Toggle Switch*1
- In Line Fuse Holder*1
- Harness*1
- Fuse-15Amp*1

AES-1122-17



WIRING DIAGRAM: FAN SWITCHES



Fan Control Including:
-Controller Box
-30A Fuse Holder
-LED Indicator

AES-1511-41



Dump Body-Up Indicator Kit Including:
- Plunger Switch W/Packed Connector
AES-1117-21 with Bracket
- Body-Up Switch Stop Set
- Indicator Light AES-1117-27R
- Harness Set
- And Accessory

AES-1117-21S1



Dump Body-Up Indicator Kit Including:
- Plunger Switch W/Packed Connector
AES-1117-21 with Bracket
- Body-Up Switch Stop Set
- Warning Buzzer AES-1122-6
- Harness Set
- And Accessory

AES-1117-21S2



Dump Body-Up Indicator Kit Including:
-Body-Up Switch Stop Set
-Body-Up Indicator AES-1113-42
-Indicator Light AES-1117-27R
-Harness Set
-And Accessory

AES-1113-42S1



Dump Body-Up Indicator Kit Including:
-Body-Up Switch Stop Set
-Body-Up Indicator AES-1113-42
-Warning Buzzer AES-1122-6
-Harness Set
-And Accessory

AES-1113-42S2



Dump Body-Up Indicator Kit Including:
-Body-Up Switch Stop Set
-Body-Up Indicator AES-1113-42A
-Warning Buzzer AES-1122-6
-Harness Set
-And Accessory

AES-1113-42AS2

Sockets & Chargers and Meters

AES-1118S-

Type	Panel			Nut	Cover	
P	Power Socket	Front	Rear	Tent	1	8
U	USB Charger	1 Hole	2	3	2	9
C	Cigarette Socket	AES-1214-38	AES-1214-39	AES-1214-40	Quick Nut	12V
V	Voltmeter	2 Hole	AES-1214-383	AES-1214-393	Hex Nut	12V
A	Ammeter	3 Hole	AES-1214-394	AES-1214-403	Cylinder Type	A
B	Volt-Ammeter Multimeter	4 Hole				B
M	European Socket	Others	T	H		C
G	Power Socket	BUS	DSE (End)	DSM (Middle)		D
E	Engel Socket					12V/24V
D	OLED					USB INPUT 12~24V DC



AES-1118S-P011



AES-1118S-P111



AES-1118S-P211



AES-1118S-P311



AES-1118S-U013



AES-1214-38-PU



AES-1214-39-PU



AES-1214-40-PU



AES-1118S-C004



AES-1214-383-PUC



AES-1214-393-PUC



AES-1214-403-PUC



AES-1118S-V010A



AES-1214-394



AES-1214-395



AES-1118S-M015

Power Socket

AES P/N#	Rating	Remark
AES-1118S-P011	12VDC 20A 24VDC 15A	Power Socket
AES-1118S-P111		Power Socket, w/Front Panel
AES-1118S-P211		Power Socket, w/Rear Panel
AES-1118S-P311		Power Socket, w/Tent Panel
AES-1118S-P011BL		Illuminated Power Socket (Blue)
AES-1118S-EL		Engel Socket
AES-1118S-EP		Engel Plug
AES-1118S-EL-S		Engel Socket + Plug
AES-1118S-M015		European Socket
AES-1118S-G036		European Socket
AES-1118S-EAP	12VDC 10A	Power Plug
AES-1118S-EAL-S		Power Plug + Socket AES-1118S-P011



AES-1118S-P011



AES-1118S-P111



AES-1118S-P211



AES-1118S-P311



AES-1118S-P011BL



AES-1118S-EL



AES-1118S-EP



AES-1118S-EL-S



AES-1118S-EAP



AES-1118S-EAL-S



AES-1118S-M015



AES-1118S-G036

Cigarette Socket

AES P/N#	Rating	Remark
AES-1118S-C004	12VDC 10Amps	
AES-1118S-C104		w/Front Panel
AES-1118S-C204		w/Rear Panel
AES-1118S-C304		w/Tent Panel



AES-1118S-C004



AES-1118S-C104



AES-1118S-C204



AES-1118S-C304

Voltmeter

AES P/N#	Rating	Remark
AES-1118S-V010A	6~30VDC	w/Front Panel w/Rear Panel w/Tent Panel
AES-1118S-V110A		
AES-1118S-V210A		
AES-1118S-V310A		
AES-1118S-V010A-2	6~60VDC	Dual Voltmeter (MAIN+ AUX)
AES-1118S-VL-2	6~60VDC	Dual Voltmeter (MAIN+ AUX)
AES-1118S-DV	6~30VDC	Digital Voltmeter
AES-1118S-DOV010	8~60VDC	OLED Voltmeter
AES-1118S-DOV010-2	8~60VDC	Dual OLED Voltmeter



AES-1118S-V010A



AES-1118S-V110A



AES-1118S-V310A



AES-1118S-V010A-2



AES-1118S-VL-2



AES-1118S-DV



AES-1118S-DOV010



AES-1118S-DOV010-2

Ammeter

AES P/N#	Rating	Remark
AES-1118S-A010	12~24VDC, 0~10Amps	OLED Ammeter
AES-1118S-DOA010	12~24VDC, 0~100Amps	



AES-1118S-A010



AES-1118S-DOA010

Volt-Ammeter Multimeter

AES P/N#	Rating	Remark
AES-1118S-B010	6~30VDC, 0~10 Amps	w/Front Panel w/Rear Panel
AES-1118S-B110		
AES-1118S-B210		
AES-1118S-DOB010	8~60VDC, 0~100Amps	OLED Volt-Ammeter



AES-1118S-B010



AES-1118S-DOB010

Temp Meter

AES P/N#	Rating	Remark
AES-1118S-T010	12~24VDC	-40~125°C
AES-1118S-DOT010	12~24VDC	-40~125°C, OLED Temp Meter



AES-1118S-T010



AES-1118S-DOT010

USB Charger Socket

AES P/N#	V DC	Amps	Port	Remark
AES-1118S-U013	12~24	3.1	2	Output: 5V, 3.1A in Total (2.1A-Type A + 1A Type A)
AES-1118S-U113				w/Front Panel
AES-1118S-U213				w/Rear Panel
AES-1118S-U313				w/Tent Panel
AES-1118S-U713				w/Type Bracket
AES-1118S-U013H	12~24	4.8	2	Output: 5V, 4.2A in Total (2.4A Type A + 2.4A Type A)
AES-1118S-UA013	12~24	3.1	2	Output: 5V, 3.1A in Total (2.1A Type A + 1A Type A)
AES-1118S-UB013	12~24	2.4	1	Output: 5V, 2.4A (2.4A Type A)
AES-1118S-UB013-2	12~24	4.8	2	Output: 5V, 4.2A in Total (2.4A Type A + 2.4A Type A)
AES-1118S-UC014	12~24	2.1	1	Output: 5V, 2.1A (2.1A Type A)
AES-1118S-UC014-2	12~24	4.8	2	Output: 5V 4.8A in Total (2.4A Type A + 2.4A Type A)
AES-1118S-UC014-HC	12~24	4.8	2	Output: 5V 4.8A in Total (2.4A Type A + 2.4A Type C)
AES-1118S-UE015	12~24	4.8	2	Output: 5V 4.8A in Total (2.4A Type A + 2.4A Type A)
AES-1118S-UF01G	12~24	-	2	Output: Type A1 5V 2.4A Type A2 5V~12V Max 36W
AES-1118S-UG01G	12~24	-	2	Output: Type A 5V~12V Max 36W Type C 5V~20V Max 60W
AES-1118S-UH010	12~24	4.8	2	Output: 5V 4.8A in Total (2.4A Type A + 2.4A Type A)
AES-1118S-UIF-1	12~24	-	2	Output: Type C1 5V~20V Max 60W Type C2 5V~20V Max 60W
AES-1118S-UPOFA1				w/Oval Front Panel, w/Wires, w/cover
AES-1118S-UPOFB1				w/Oval Rear Panel, w/Wires
AES-1118S-UPSFA1				w/Square Front Panel, w/Wires, w/cover
AES-1118S-UPSFB1				w/Square Rear Panel, w/Wires
AES-1118S-UIF-2	12~24	-	2	Output: Type C1 5V~20V Max 60W Type C2 5V~12V Max 36W
AES-1118S-UIF-3	12~24	-	2	Output: Type C1 5V~20V Max 60W Type C2 5V2.4A DC
AES-1118S-UIF-4	12~24	-	2	Output: Type C1 5V~ 12V Max 36W Type C2 5V 2.4A DC
AES-1118S-UIF-5	12~4	4.8	2	Output: Type C1 5V 2.4A DC Type C2 5V 2.4A DC
AES-1118S-UIF-6	12~4	3.1	2	Output: Type C1 5V 1.0A DC Type C2 5V 2.1A DC
AES-1118S-UIF-10	12~24	-	2	Output: Type C 5V~20V Max 100W Type A 5V~20V Max 36W
AES-1118S-UPOA				w/Oval Front Panel, w/Wires, w/Cover
AES-1118S-UPOB				w/Oval Rear Panel, w/Wires
AES-1118S-UPSA				w/Square Front Panel, w/Wires, w/cover
AES-1118S-UPSB				w/Square Rear Panel, w/Wires



AES-1118S-U013



AES-1118S-UA013



AES-1118S-UB013



AES-1118S-UC014



AES-1118S-UF01G



AES-1118S-UG01G



AES-1118S-UH010



AES-1118S-U101A



AES-1118S-UE015



AES-1118S-UPOA/OB



AES-1118S-UPSA/UPSB



AES-1118S-UPSFB1



AES-1118S-UIF-10



AES-1118S-UIF-1



AES-1118S-UPOFA1

USB Charger Socket

AES P/N#	V DC	Amps	Port	Remark
AES-1118S-UL007	12~24	3.1	2	Output: 5V, 3.1A in Total (2.1A Type A + 1A Type A)
AES-1118S-UL007-4.8	12~24	4.8	2	Output: 5V, 4.8A in Total (2.4A Type A + 2.4A Type A)
AES-1118S-UL007-C	12~24	4.8	2	Output: 5V, 4.8A in Total (2.4A Type A + 2.4A Type C)
AES-1118S-UPK01	12~24	-	2	Output: 5~12V Max 36W + Voltmeter (6~30VDC)
AES-1118S-UV	12~24	4.2	1	USB Port Output: 5V, 4.2A (2.1A Type A + 2.1A Type A) + Voltmeter (6~30VDC)
AES-1118S-ULA013	12~24	4.2	2	USB Port Output: 5V, 4.2A (2.1A Type A + 2.1A Type A) + Voltmeter (5~30VDC)
AES-1118S-ULB	12~24	3.1	2	Output: 5V, 3.1A in Total (2.1A Type A + 1A Type A)
AES-1118S-UT	12~24	-	2	Output: Type C1 5V~20V Max 60W Type C2 5V~20V Max 60W
AES-1118S-UTW		-	2	w/Wires
AES-1118S-UT3	12~24	4.8	3	Output: Type C 5V~20V Max 60W Type A1 5V ~2.4A DC Type A2 5V ~2.4A DC
AES-1118S-UT3W				w/Wires
AES-1118S-UTP	12~24	-	2	Output: Type C 5V~20V Max 60W Type A 5V~12V Max 36W
AES-1118S-UTPW				w/Wires
AES-1118S-UTV	12~24	-	2	w/Volmeter (6~30VDC) Output: Type C 5V~20V Max 60W Type A 5V~12V Max 36W
AES-1118S-UTVW				w/Wires
AES-1118S-ULC	12	-	2	Output: Type A (Single): 5V~12V Max 36W Type C (Single): 5V~20V Max 36W Type A+ Type C (Simultaneous): 5V 2.1A +5V 2.1A
	24	-	2	Output: Type A (Single): 5V~12V Max 36W Type C (Single): 5V~20V Max 60W Type A+ Type C (Simultaneous): 5V 2.1A +5V 2.1A
AES-1118S-ULC1	12	-	2	Output: Type C1(Single): 5V~12V Max 36W Type C2(Single): 5V120V Max 36W Type C1+ Type C2 (Simultaneous): 5V 2.1A +5V 2.1A
	24	-	2	Output: Type C1(Single): 5V~12V Max 60W Type C2(Single): 5V120V Max 60W Type C1+ Type C2 (Simultaneous): 5V 2.1A +5V 2.1A
AES-1118S-ULC2	12	-	2	Output: Type C1(Single): 5V~12V Max 36W Type C2(Single): 5V120V Max 36W Type C1+ Type C2 (Simultaneous): 5V 2.1A +5V 2.1A
	24	-	2	Output: Type C1(Single): 5V~12V Max 60W Type C2(Single): 5V120V Max 60W Type C1+ Type C2 (Simultaneous): 5V 2.1A +5V 2.1A



AES P/N#	3 Set	6 Set	Remark	
AES-1211-11B-1			Battery Disconnect Switch AES-1211-11 + Push-Button Switch AES-1117-15	
AES-1211-11B-2			Toggle Switch with Safety Cover AES-1118-39 + Push-Button Switch AES-1117-15	
AES-1211-11B-3	AES-1211-11B-4		Battery Disconnect Switch AES-1211-11 + Toggle Switch with Safety Cover AES-1118-39 + Push-Button Switch AES-1117-15	
AES-1214-11			Battery Disconnect Switch Panel AES-1211-29+ AES-1211-29A	
AES-1214-12			Battery Disconnect Switch Panel AES-1211-29+ AES-1211-29A+Indicator Light AES-1117-30	
AES-1214-13			Ignition Switch AES-1211-12A + Kill Switch AES-1213-12B	
	AES-1214-14A	AES-1214-15A	Rocker Switch Panel	A: Circuit Breaker
	AES-1214-14B	AES-1214-15B		B: Fuse Holder
	AES-1214-16A		Rocker Switch Panel	A: Circuit Breaker
	AES-1214-16B			B: Fuse Holder
	AES-1214-17A		Rocker Switch Panel	A: Circuit Breaker
	AES-1214-17B			B: Fuse Holder
AES-1214-18A			Bilge Pump Switch	A Type: ON-OFF-ON
AES-1214-18B				B Type: Auto-OFF-Manual 【ON-OFF-(ON)】
	AES-1214-20	AES-1214-19	Rocker Switch Panel	w/Circuit Breaker
		AES-1214-21 (W)		w/Fuse Holder
	AES-1214-22	AES-1214-22-6	Toggle Switch Panel	w/Fuse Holder
AES-1214-23			Rocker Switch AES-1118-51P+ Circuit Breaker with Cap AES-ZE700-15A-C+ Battery Switch AES-1211-29A+ Sealink Socket AES-A13-142	



AES-1211-11B-1



AES-1211-11B-2



AES-1211-11B-3



1211-11B-4



AES-1214-11



AES-1214-12



AES-1214-13



AES-1214-14A



AES-1214-15A



AES-1214-16A



AES-1214-17B



AES-1214-18A



AES-1214-19



AES-1214-20



AES-1214-21 (W)



AES-1214-22



AES-1214-23



AES P/N# 4 Set	6 Set	8 Set	Remark	
AES-1214-31-4	AES-1214-31-6	AES-1214-31-8	Rocker Switch Panel AES-1118-81 Serial	w/Fuser Holder
AES-1214-32-4	AES-1214-32-6	AES-1214-32-8		w/Circuit Breaker
AES-1214-33-4	AES-1214-33-6	AES-1214-33-8	Rocker Switch Panel AES-1118-77 Serial	w/Fuser Holder
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	Rocker Switch Panel AES-1118-81 Serial	w/Circuit Breaker
AES-1214-35P-4	AES-1214-35P-6	AES-1214-35P-8		w/Circuit Breaker (2-colors indicator)
AES-1214-36-4	AES-1214-36-6	AES-1214-36-8	Rocker Switch Panel AES-1118-77 Serial	w/Fuse Holder
AES-1214-36P-4	AES-1214-36P-6	AES-1214-36P-8		w/Fuse Holder (2-colors indicator)



AES-1214-31-4



AES-1214-32-6



AES-1214-33-6



AES-1214-34-8



AES-1214-35-4



AES-1214-35P-4



AES-1214-36-4



AES-1214-36P-6

1 Set	2 Set	4 Set	6 Set	8 Set	Remark	
		AES-1214-37-4	AES-1214-37-6 AES-1214-37-4PU		Toggle Switch Panel	w/Circuit Breaker
		AES-1217-37F-4	AES-1217-37F-6 AES-1214-37F-4PC			w/Circuit Breaker/w/12V Power & USB Socket (Other Sockets available)
						w/Fuse Holder
						w/Fuse Holder/w/12V Power & 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	Alum. Rocker Switch Panel	Vertical Orientation w/Fuse Holder
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		Horizontal Orientation w/Fuse Holder
AES-1214-42-1	AES-1214-42-3	AES-1214-42-4	AES-1214-42-6 AES-1214-42-5PS	AES-1214-42-8 AES-1214-42-7PS AES-1214-42-5PS-VM		Vertical Orientation w/Circuit Breaker
AES-1214-42-1H			AES-1214-42-5H-PS AES-1214-42-5H-US AES-1214-42-5H-VS	AES-1214-42-7H-PS AES-1214-42-7H-US		Horizontal Orientation w/Circuit Breaker
						w/12V Power w/Voltmeter
						w/12V Power w/USB Socket w/Cigarette Socket w/Voltmeter
						w/12V Power w/Voltmeter
						w/12V Power w/USB Socket w/Voltmeter



AES-1214-37-4



AES-1214-37-4PU



AES-1214-37F-6



AES-1214-37F-4PC



AES-1214-41-1



AES-1214-41-5PS



AES-1214-41-5PS-VM



AES-1214-41-5H-VS



AES-1214-42-3



AES-1214-42-5PS-VM



AES-1214-42-5H-PS



AES-1214-42-7H-US

AES-1214-43 Samll 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
AES-1214-43-PS



USB Socket Panel
-2 Port USB Socket
-5A Circuit Breaker
AES-1214-43-US



Cigarette Socket Panel
- Cigarette Lighter Socket
-10A Circuit Breaker
AES-1214-43-CS



DC Voltmeter Panel
- DC Voltmeter
- 5A Circuit Breaker
AES-1214-43-VS



Power Socket Panel
-12V 16A Power Socket
-10A Circuit Breaker
AES-1214-43-MS



Battery Test Panel
-Toggle Switch
-DC Voltmeter
AES-1214-43-TVM



Battery Test Panel
-Rocker Switch
ON-OFF-ON
-DC Voltmeter
AES-1214-43-TVM-N2



Bilge Pump Switch Panel
-Rocker Switch
(ON)-OFF-ON
-10A Circuit Breaker
AES-1214-43-R-NB2



Bilge Pump Switch Panel
-Rocker Switch
(ON)-OFF-ON
-10A Circuit Breaker
AES-1214-43-R



AES-1214-43
Combined with
AES-1214-35P-4

4 Set	6 Set	8 Set	Remark	
AES-1214-44-4C	AES-1214-44-6C	AES-1214-44-8C	ABS Switch Panel	w/Circuit Breakers
AES-1214-44-4F	AES-1214-44-6F	AES-1214-44-8F		w/Fuse Holder
AES-1214-45-4	AES-1214-45-6		ABS Toggle Switch Panel	
AES-1214-45-3P	AES-1214-45-5P			w/12V Power
AES-1214-45-3U	AES-1214-45-5U			w/USB Socket
AES-1214-45-3C	AES-1214-45-5C			w/Cigarette Socket
AES-1214-45-3V	AES-1214-45-5V			w/Volmeter
AES-1214-46-4	AES-1214-46-6		Carbon Fiber Switch Panel (Fuse Holder included)	w/12V Power & USB Socket
		AES-1214-46-8		w/12V Power, Voltmeter& USB Socket
AES-1214-47-4	AES-1214-47-6	AES-1214-47-8	ABS Switch Panel	w/12V Power, USB Socket, Cigarette Socket & Voltmeter
AES-1214-48-4	AES-1214-48-6	AES-1214-48-8		w/Circuit Breakers
				w/Circuit Breakers & Negative Bus



AES-1214-44-8C



AES-1214-44-6F



AES-1214-45-3P



AES-1214-45-5U



AES-1214-46-4



AES-1214-46-6



AES-1214-47-4



AES-1214-48-8

Racing Car Switches & Panel Set

AES P/N#	4 Set	6 Set	Remark	
AES-1214-49-SPU AES-1214-49-SPUV	AES-1214-49-4	AES-1214-49-6	Breaker Switch Panel	w/12V Power & USB Socket w/12V Power, USB Socket & Voltmeter



AES-1214-49-4



AES-1214-49-6



AES-1214-49-SPU



AES-1214-49-SPUV

4 Set	6 Set	8 Set	Remark	
AES-1214-491-4	AES-1214-491-6	AES-1214-491-8	ABS Switch Panel w/50A Quick Connect Disconnect Power Plug (Fuse Holders Included)	w/12V Power & USB Charge w/12V Power & USB Charge w/12V Power *2, USB Charge & Voltmeter



AES-1214-491-4



AES-1214-491-6



AES-1214-491-8

4 Set	6 Set	8 Set	Remark
AES-1214-492A-4 AES-1214-492B-4	AES-1214-492A-6 AES-1214-492B-6	AES-1214-492A-8 AES-1214-492B-8	LED Push-Button Switch Panel (Fuse Holder Included)



AES-1214-492A-4



1214-492A-6



AES-1214-492A-8



1214-492B-4



AES-1214-492B-6



1214-492B-8

2 Set	3 Set	4 Set	5 Set	6 Set	8 Set	Remark	
AES-1214-493-2 AES-1214-493-2P	AES-1214-493-3	AES-1214-493-4 AES-1214-493-4P	AES-1214-493-5	AES-1214-493-6 AES-1214-493-6P	AES-1214-493-8	Aluminum Rocker Switch Panel	w/12V Power
		AES-1214-494-4 AES-1214-494-4PU			AES-1214-494-8	LED Push-Button Switch Panel	w/Circuit Breaker
		AES-1214-495-4		AES-1214-495-6	AES-1214-495-8	Push-Button Switch Panel	w/Circuit Breaker



AES-1214-493



AES-1214-493-3



AES-1214-493-5



AES-1214-493-6P



AES-1214-494-4PU



AES-1214-495-4



AES-1214-495-6

Touch Pannel

4 Set	6 Set	8 Set	Remark	
AES-1214-50-4	AES-1214-50-6	AES-1214-50-8	ABS Touch Panel	w/Circuit Breakers
	AES-1214-51-6	AES-1214-51-8	Touch Panel Kit with Circuit Control Box	



AES-1214-50-6



AES-1214-51-6



AES-1214-51-8

Touch Switch

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	



AES-1118-90A
(Etched Symbol)



AES-1118-90B
(Label)



Switches for Caterpillar, Komatsu & Heavy-Duty Applications



Battery Disconnect Switch
For Caterpillar 7N0718

AES-1411-18



Ignition Switch
20 Amps, 12VDC
For Caterpillar 2S-2432,
8S-7713, 7N-4160,
08063-02000

AES-1411-19



Ignition Starter Switch
For Caterpillar 7N4160,
3 terminals.
Compatible for 320D 323D
324D 326D 328D 329D
330D 336D 340D 530B 615
621 631D 641B 657B

AES-1411-23



Ignition Starter Switch
For Caterpillar 9W1077,
4 terminals.
Compatible for Caterpillar
CAT Engine C12 C15 C18
3208 3304 D398 3176B
Loader 943 953 963 973

AES-1411-23A



Rotary Switch
For Caterpillar 3K1650
Compatible for CAT PS-150B
826B 825B 816 815 PF-290B
PF-300B PF-300C

AES-1411-31



Ignition Switch
For Farm Tractor
Lucas 35910D
Caterpillar 7S6402
Compatible for CAT 6A 6S
D4D D5 D6C D6E SR D7G

AES-1411-35



Blower Switch
3 Speed
Caterpillar 6P-3236

AES-1411-36



Key 5P8500



Ignition Starter Switch
Caterpillar 9G7641
Compatible for 120G 120H
12G 12H 130G 135H 140G 140H

AES-1411-38



Ignition Starter Switch
5 terminals, 3 positions
With Anti-Restart Function
Caterpillar 3E0156
Compatible for CAT C11
C13 C15 C18 3126B 3176C

AES-1411-42



Ignition Starter Switch
4 terminals, 3 positions
255-2751
Compatible for CAT 312D
320D 329D 336D 349D
365C 385C 390D
OFF-ON-START

AES-1411-42A



Ignition Starter Switch
5 terminals, 4 positions
163-2659
Compatible for CAT 320B
416B 416C 426C 428B
428C 436B

AES-1411-42B



Ignition Switch
For Komatsu 08086-10000
Compatible for Komatsu
Excavator PC200-1 PC200-2
PC200-3 PC200-5 Kubota
Iseki Yanmar John Deere
650 750 850

AES-1411-21



Ignition Starter Switch
Caterpillar 7Y3918
Compatible for E70B 307C
318BL E312B

AES-1411-52



Fuse Holder
10A 12VDC
Terminals: 0.25" SQ
Demeter: 13.2
Caterpillar 4K5122

AES-R3-14C



One Touch Start Ignition
Switch for
Caterpillar 526-5710, 526-5708
Compatible for 320GC 323 329
330 336 349GC Excavator

AES-1411-71



Others



Universal Trunk Lock LP-101
Chrysler 1973-1980

AES-1121-11



Latch Assembly

AES-1121-12



Lock with Key

AES-1121-13



Lever with Rod

AES-1131-11



Signal Turn Switch
HK-101

AES-1511-13

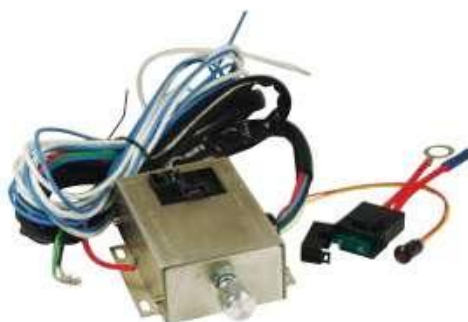
Wire Routing Schematic

Wire Color	From	To
Red	Turn Signal Switch	Brake Light Switch
Black		Flasher, Terminal "L"
Blue		Flasher, Terminal "P"
Orange		Signal Lamp, Left Rear
Brown		Signal Lamp, Right Rear
Yellow		Signal Lamp, Left Front
Green		Signal Lamp, Right Front
Red(Fuse)	Battery	Flasher, Terminal "X"



Signal Turn Switch
HL-102

AES-1511-16



Fan Control Set
Including:
Controller Box, 30Amp
Fuse Holder, LED Indicator

AES-1511-41



Cable Switch

AES-1122-2

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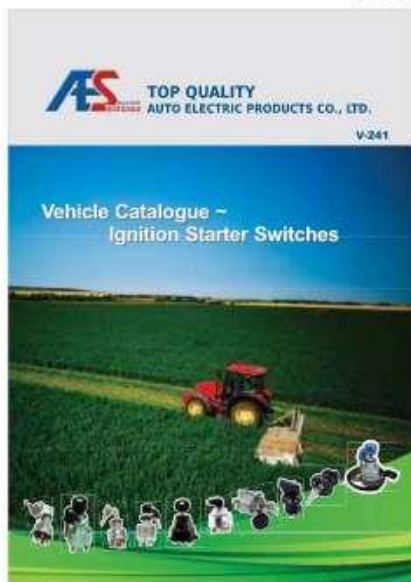
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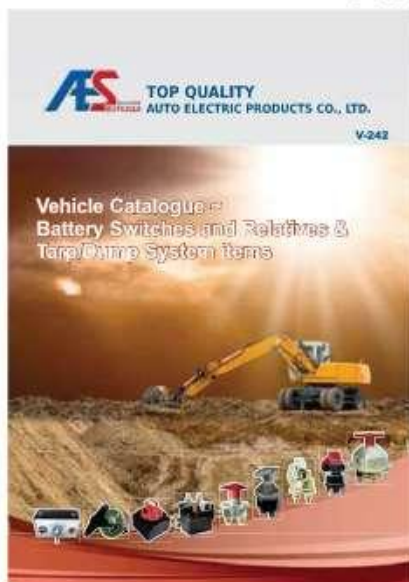
- Ignition Starter Switches for Vehicle
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