

12VDC Rocker Switch, Illuminated type or not-illuminated.

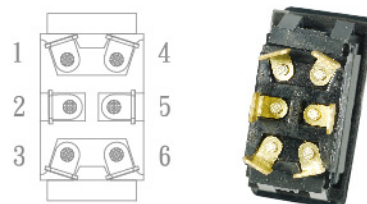
Rating: 12VDC 16Amps, 24VDC 10Amps

125VAC 16Amps, 250VAC 10Amps.

Contact R.: 50mΩ Insulation R: DB 500V 100mΩ 1 minute

Electrical Life: 20,000 cycles

Meet: IP54



Bottom View-6 Terminal Base

### Not-Illuminated Type

**AES-1118-51 & AES-1118-52**



### With Screw



With Pin

| <i>AES no.</i> | <i>Circuitry</i> | <i>Terminals</i> | <i>Type</i> |
|----------------|------------------|------------------|-------------|
| AES-1118-51    | ON-OFF           | 2P               | SPST        |
| AES-1118-51M   | (ON)-OFF         | 2P               | SPST        |
| AES-1118-51A   | ON-ON            | 3P               | SPDT        |
| AES-1118-51AM  | (ON)-ON          | 3P               | SPDT        |
| AES-1118-51B   | ON-OFF-ON        | 3P               | SPDT        |
| AES-1118-51BM1 | (ON)-OFF-ON      | 3P               | SPDT        |
| AES-1118-51BM  | (ON)-OFF-(ON)    | 3P               | SPDT        |
| AES-1118-52    | ON-OFF           | 4P               | DPST        |
| AES-1118-52M   | (ON)-OFF         | 4P               | DPST        |
| AES-1118-52A   | ON-ON            | 6P               | DPDT        |
| AES-1118-52AM  | (ON)-ON          | 6P               | DPDT        |
| AES-1118-52B   | ON-OFF-ON        | 6P               | DPDT        |
| AES-1118-52BM1 | (ON)-OFF-ON      | 6P               | DPDT        |
| AES-1118-52BM  | (ON)-OFF-(ON)    | 6P               | DPDT        |

✕For Pin Type terminals, add " P" at the end like AES-1118-51P.

## Illuminated Type

**AES-1118-53 & AES-1118-54 & AES-1118-55**



### With Screw



With Pin

| <i>AES no.</i> | <i>Circuitry</i> | <i>Terminals</i> | <i>Type</i> |
|----------------|------------------|------------------|-------------|
| AES-1118-53    | ON-OFF           | 3P               | SPST        |
| AES-1118-53M   | (ON)-OFF         | 3P               | SPST        |
| AES-1118-54    | ON-OFF           | 4P               | DPST        |
| AES-1118-54M   | (ON)-OFF         | 4P               | DPST        |
| AES-1118-54A   | ON-OFF-ON        | 5P               | SPDT        |
| AES-1118-54AM1 | (ON)-OFF-ON      | 5P               | SPDT        |
| AES-1118-54AM  | (ON)-OFF-(ON)    | 5P               | SPDT        |
| AES-1118-55    | ON-ON            | 6P               | DPDT        |
| AES-1118-55M   | (ON)-ON          | 6P               | DPDT        |
| AES-1118-55A   | ON-OFF-ON        | 6P               | DPDT        |
| AES-1118-55AM1 | (ON)-OFF-ON      | 6P               | DPDT        |
| AES-1118-55AM  | (ON)-OFF-(ON)    | 6P               | DPDT        |

✕For Pin Type terminals, add " P" at the end like AES-1118-53P.

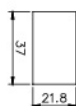
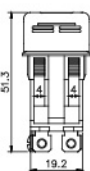
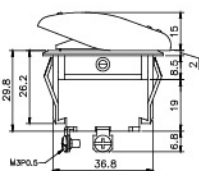
## Panel

## Dimension

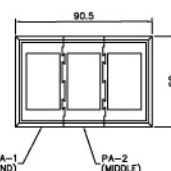
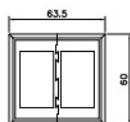
## Installation Size

## AES-PA1 (End)

### AES-PA2 (Middle)



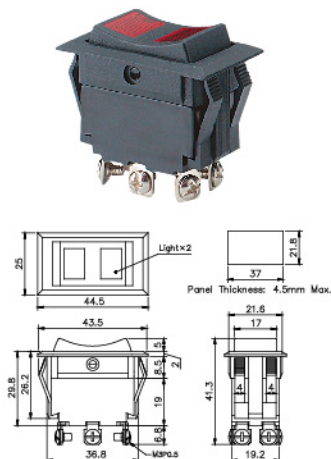
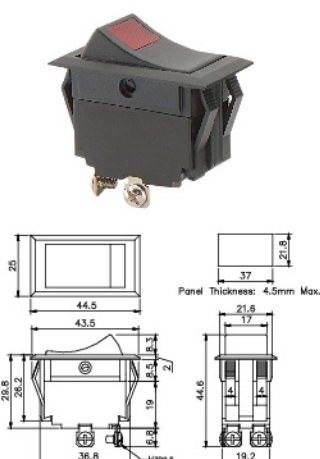
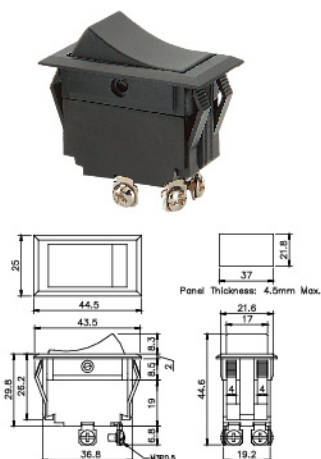
Panel Thickness: 4.5mm Max.



## AES-1118-56 / AES-1118-58

## AES-1118-57 / AES-1118-59

## AES-1118-57A / AES-1118-57B AES-1118-59A / AES-1118-59B



Rating: AC 125V 16Amps; 250V 10Amps  
DC 12V 16Amps; 24V 10Amps  
Contact R.: 50mΩ Max.

Insulation R : DB 500V 100mΩ Min.  
Dielectric Strength : AC 1500V 1 minute  
Electrical Life : 20,000 cycles.

| Item no.       | Type | Terminal | Circuitry |     |      | Terminal Type                |
|----------------|------|----------|-----------|-----|------|------------------------------|
| AES-1118-56    | DPST | 4P       | ON        | -   | OFF  | Screw type                   |
| AES-1118-56M   | DPST | 4P       | (ON)      |     | OFF  | Screw type                   |
| AES-1118-56A   | DPDT | 6P       | ON        | -   | ON   | Screw type                   |
| AES-1118-56AM1 | DPDT | 6P       | (ON)      | -   | ON   | Screw type                   |
| AES-1118-56B   | DPDT | 6P       | ON        | OFF | ON   | Screw type                   |
| AES-1118-56BM1 | DPDT | 6P       | (ON)      | OFF | ON   | Screw type                   |
| AES-1118-56BM  | DPDT | 6P       | (ON)      | OFF | (ON) | Screw type                   |
| AES-1118-58    | SPST | 2P       | ON        | -   | OFF  | Screw type                   |
| AES-1118-58M   | SPST | 2P       | (ON)      |     | OFF  | Screw type                   |
| AES-1118-58A   | SPDT | 3P       | ON        | -   | ON   | Screw type                   |
| AES-1118-58AM1 | SPDT | 3P       | (ON)      | -   | ON   | Screw type                   |
| AES-1118-58B   | SPDT | 3P       | ON        | OFF | ON   | Screw type                   |
| AES-1118-58BM1 | SPDT | 3P       | (ON)      | OFF | ON   | Screw type                   |
| AES-1118-58BM  | SPDT | 3P       | (ON)      | OFF | (ON) | Screw type                   |
| AES-1118-57    | DPST | 4P       | ON        | -   | OFF  | Screw type; Illuminated type |
| AES-1118-57A   | DPDT | 6P       | ON        | -   | ON   | Screw type; Illuminated type |
| AES-1118-57B   | DPDT | 6P       | ON        | OFF | ON   | Screw type; Illuminated type |
| AES-1118-59    | SPST | 3P       | ON        | -   | OFF  | Screw type; Illuminated type |
| AES-1118-59A   | DPDT | 5P       | ON        | -   | ON   | Screw type; Illuminated type |
| AES-1118-59B   | DPDT | 5P       | ON        | OFF | ON   | Screw type; Illuminated type |

☆For PC terminals, add " P" at the end. EX: AES-1118-56P.



12VDC Rocker Switch, Illuminated type or not-illuminated.

Rating: 12VDC 20Amps, 24VDC 10Amps

125VAC 16Amps, 250VAC 10Amps.

Contact R.: 50mΩ Insulation R: DB 500V 100mΩ 1 minute

Electrical Life: 20,000 cycles

Meet: IP 68



**AES-1118-81~AES-1118-84 Serial  
(Standard Housing)**



**AES-1118-85~AES-1118-88 Serial  
(Barrier Housing)**

| No Lens     |             | AES P/N<br>(Standard Housing) | AES P/N<br>(Barrier Housing) | Electrical | Type          | Pin | Pin1         | Pin2          | Pin3          | Pin4 | Pin5         | Pin6          | Pin7 | Pin8 |
|-------------|-------------|-------------------------------|------------------------------|------------|---------------|-----|--------------|---------------|---------------|------|--------------|---------------|------|------|
| 1118-81P    | 1118-85P    | ON-OFF                        | SPST                         | 2          |               |     | Power In (1) | Power Out (1) |               |      |              |               |      |      |
| 1118-81PM   | 1118-85PM   | (ON)-OFF                      | SPST                         | 2          |               |     | Power In (1) | Power Out (1) |               |      |              |               |      |      |
| 1118-81PA   | 1118-85PA   | ON-ON                         | SPDT                         | 3          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               |      |      |
| 1118-81PAM  | 1118-85PAM  | (ON)-ON                       | SPDT                         | 3          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               |      |      |
| 1118-81PB   | 1118-85PB   | ON-OFF-ON                     | SPDT                         | 3          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               |      |      |
| 1118-81PBM1 | 1118-85PBM1 | (ON)-OFF-ON                   | SPDT                         | 3          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               |      |      |
| 1118-81PBM  | 1118-85PBM  | (ON)-OFF-(ON)                 | SPDT                         | 3          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               |      |      |
| 1118-82P    | 1118-86P    | ON-OFF                        | DPST                         | 4          |               |     | Power In (1) | Power Out (1) |               |      | Power In (2) | Power Out (1) |      |      |
| 1118-82PM   | 1118-86PM   | (ON)-OFF                      | DPST                         | 4          |               |     | Power In (1) | Power Out (1) |               |      | Power In (2) | Power Out (1) |      |      |
| 1118-82PA   | 1118-86PA   | ON-ON                         | DPDT                         | 6          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (2) |      |      |
| 1118-82PAM  | 1118-86PAM  | (ON)-ON                       | DPDT                         | 6          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (2) |      |      |
| 1118-82PB   | 1118-86PB   | ON-OFF-ON                     | DPDT                         | 6          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (2) |      |      |
| 1118-82PBM1 | 1118-86PBM1 | (ON)-OFF-ON                   | DPDT                         | 6          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (2) |      |      |
| 1118-82PBM  | 1118-86PBM  | (ON)-OFF-(ON)                 | DPDT                         | 6          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (2) |      |      |
| 1118-82PC   | 1118-86PC   | ON-ON-ON                      | DPTT                         | 6          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (2) |      |      |
| 1118-82PCM  | 1118-86PCM  | (ON)-ON-ON                    | DPTT                         | 6          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (2) |      |      |
| 1118-82PD   | 1118-86PD   | ON-ON-OFF                     | DPDT                         | 4          |               |     | Power In (1) | Power Out (1) |               |      | Power In (2) | Power Out (1) |      |      |
| 1118-82PDM  | 1118-86PDM  | (ON)-ON-OFF                   | DPDT                         | 4          |               |     | Power In (1) | Power Out (1) |               |      | Power In (2) | Power Out (1) |      |      |

| 1 Lens    |           | AES P/N<br>(Standard Housing) | AES P/N<br>(Barrier Housing) | Electrical | Type          | Pin | Pin1         | Pin2          | Pin3          | Pin4 | Pin5         | Pin6          | Pin7  | Pin8         |
|-----------|-----------|-------------------------------|------------------------------|------------|---------------|-----|--------------|---------------|---------------|------|--------------|---------------|-------|--------------|
| 1118-83P  | 1118-87P  | ON-OFF                        | SPST                         | 3          |               |     | Power In (1) | Power Out (1) |               |      |              |               | Earth |              |
| 1118-83PM | 1118-87PM | (ON)-OFF                      | SPST                         | 3          |               |     | Power In (1) | Power Out (1) |               |      |              |               | Earth |              |
| 1118-84P  | 1118-88P  | ON-OFF                        | DPST                         | 5          |               |     | Power In (1) | Power Out (1) |               |      | Power In (2) | Power Out (2) | Earth |              |
| 1118-84PM | 1118-88PM | (ON)-OFF                      | DPST                         | 5          |               |     | Power In (1) | Power Out (1) |               |      | Power In (2) | Power Out (2) | Earth |              |
| 1118-84PC | 1118-88PC | ON-ON-ON                      | DPTT                         | 8          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (2) |      | Power In (2) | Power Out (3) | Earth | Power In (3) |

| 2 Lens      |             | AES P/N<br>(Standard Housing) | AES P/N<br>(Barrier Housing) | Electrical | Type          | Pin | Pin1         | Pin2          | Pin3          | Pin4 | Pin5         | Pin6          | Pin7  | Pin8         |
|-------------|-------------|-------------------------------|------------------------------|------------|---------------|-----|--------------|---------------|---------------|------|--------------|---------------|-------|--------------|
| 1118-83PA   | 1118-87PA   | ON-ON                         | SPDT                         | 4          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               | Earth |              |
| 1118-83PAM  | 1118-87PAM  | (ON)-ON                       | SPDT                         | 4          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               | Earth |              |
| 1118-83PB   | 1118-87PB   | ON-OFF-ON                     | SPDT                         | 4          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               | Earth |              |
| 1118-83PBM1 | 1118-87PBM1 | (ON)-OFF-ON                   | SPDT                         | 4          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               | Earth |              |
| 1118-83PBM  | 1118-87PBM  | (ON)-OFF-(ON)                 | SPDT                         | 4          | Power Out (1) |     | Power In (1) | Power Out (2) |               |      |              |               | Earth |              |
| 1118-84PA   | 1118-88PA   | ON-ON                         | DPDT                         | 7          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (4) | Earth |              |
| 1118-84PAM  | 1118-88PAM  | (ON)-ON                       | DPDT                         | 7          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (4) | Earth |              |
| 1118-84PB   | 1118-88PB   | ON-OFF-ON                     | DPDT                         | 7          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (4) | Earth |              |
| 1118-84PBM1 | 1118-88PBM1 | (ON)-OFF-ON                   | DPDT                         | 7          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (4) | Earth |              |
| 1118-84PBM  | 1118-88PBM  | (ON)-OFF-(ON)                 | DPDT                         | 7          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (3) |      | Power In (2) | Power Out (4) | Earth |              |
| 1118-84PC   | 1118-88PC   | ON-ON-ON                      | DPTT                         | 8          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (2) |      | Power In (2) | Power Out (3) | Earth | Power In (3) |
| 1118-84PCM  | 1118-88PCM  | (ON)-ON-ON                    | DPTT                         | 8          | Power Out (1) |     | Power In (1) | Power Out (2) | Power Out (2) |      | Power In (2) | Power Out (3) | Earth | Power In (3) |
| 1118-84PD   | 1118-88PD   | ON-ON-OFF                     | DPDT                         | 6          |               |     | Power In (1) | Power Out (1) |               |      | Power In (2) | Power Out (2) | Earth | Power In (3) |
| 1118-84PDM  | 1118-88PDM  | (ON)-ON-OFF                   | DPDT                         | 6          |               |     | Power In (1) | Power Out (1) |               |      | Power In (2) | Power Out (2) | Earth | Power In (3) |

| ※Special Type, upon customer request: |                                | Power In            | Switch ON (Push Down )        | Example        |
|---------------------------------------|--------------------------------|---------------------|-------------------------------|----------------|
| Special Type                          | Standard Type                  | no light            | Top LED illuminated           | AES-1118-83PA  |
|                                       | (1) Independent LED            | no light            | LED illuminated (7-8)         | AES-1118-830PA |
|                                       | (2) Low LED always illuminated | Low LED Illuminated | Low + Top, 2 LEDs illuminated | AES-1118-832PA |
|                                       | (3) Top LED always illuminated | Top LED Illuminated | Low + Top, 2 LEDs illuminated | AES-1118-833PA |
|                                       | (4) Reverse Type               | Low LED Illuminated | Top LED illuminated           | AES-1118-834PA |



## AES-1118-81P ~ AES-1118-84P: Standard Housing



Standard housing



Bottom View – 8 Terminal Base


AES-1118-83P-R  
(Standard Actuator: B1)

AES-1118-83PA-B2-R  
(Actuator: B2)

AES-1118-83P-SR1-R1  
(Red Actuator: SR1, TPR Soft)

## AES-1118-85P ~ AES-1118-88P: Barrier Housing



Barrier housing



Bottom View – 8 Terminal Base



AES-1118-87P



AES-1118-86P

### Not-Illuminated Type

AES-1118-81P/AES-1118-82P &amp; AES-1118-85P/AES-1118-86P Serial:

#### No Lens



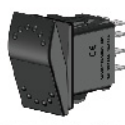
Standard Actuator: B1



Actuator: E



Laser Actuator: L



Laser Actuator: LF

### Illuminated Type

AES-1118-83P/AES-1118-84P & AES-1118-87P/AES-1118-88P Serial:  
Standard Type (Power in = no light; Switch ON = LED ON)

#### 1 Lens



Standard Actuator: B1



Actuator: B2



Actuator: E

#### 2 Lens



Standard Actuator: B1



Actuator: B2



Actuator: B2



Actuator: E

#### Laser Engraving



Laser Actuator: L



Laser Actuator: LF



### Spare Parts to suit Rocker Switch AES-1118-81~AES-1118-88 serial:

#### AES-PA5

Independent Panel



#### AES-PA6

End Panel



#### AES-PA7

Middle Panel



#### AES-PA8

Hole Cover



#### PA-111881-CT

8P Connectors



#### PA-111881-ART

Actuator Removal Tool



#### Marine Switch Label



#### Vehicle Switch Label





## Printing Symbol for Marine:



## Printing Symbol for Vehicle:



## Laser Engraving Symbol:



- Insulation R.: DC 500V 100mΩ Min.
- Dielectric Strength: AC 1500V 1 minute

**AES-1118-63L1/L2**



Technical drawings of the LED panel light showing top, side, and front views for both the standard and LAMP models.

**Top View (Standard):** Dimensions include 23.6mm (inner width), 31.2mm (outer width), and 14mm (height).

**Top View (LAMP):** Dimensions include 23.6mm (inner width), 31.2mm (outer width), and 14mm (height). A LAMP is indicated by an arrow.

**Side View:** Dimensions include 28mm (width) and 10.7mm (thickness). Panel Thickness: 4mm Max.

**Front View (Standard):** Dimensions include 34.5mm (top width), 27.8mm (inner width), 6.4mm (top height), 19.8mm (main body height), 10mm (bottom height), 10.2mm (bottom width), 26mm (base width), 0.8mm (bottom hole offset), and 1.6mm (bottom hole diameter).

**Front View (LAMP):** Dimensions include 34.5mm (top width), 27.8mm (inner width), 6.4mm (top height), 19.8mm (main body height), 10mm (bottom height), 10.2mm (bottom width), 26mm (base width), 0.8mm (bottom hole offset), and 1.6mm (bottom hole diameter). A LAMP is indicated by an arrow.

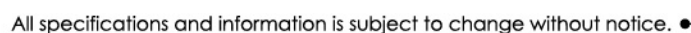
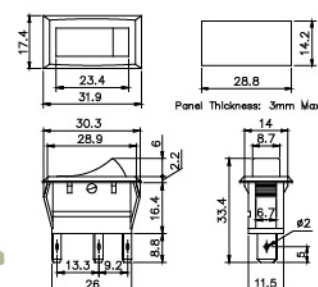
**Side View (LAMP):** Dimensions include 10.6mm (top width), 8mm (inner width), 7mm (main body width), 36mm (main body height), 6.3mm (bottom height), and 3mm (bottom hole offset). A #2 hole is indicated.

| <i>Item no.</i> | <i>Type</i> | <i>Terminal</i> | <i>Circuitry</i> |   |     |
|-----------------|-------------|-----------------|------------------|---|-----|
| AES-1118-63L1   | SPST        | 3P              | ON               | - | OFF |
| AES-1118-63L2   | SPST        | 3P              | ON               | - | OFF |



| <i>Item no.</i> | <i>Type</i> | <i>Terminal</i> | <i>Circuitry</i> |   |     |
|-----------------|-------------|-----------------|------------------|---|-----|
| AES-1118-64     | SPST        | 4P              | ON               | - | OFF |
| AES-1118-64A    | SPST        | 6P              | ON               | - | ON  |

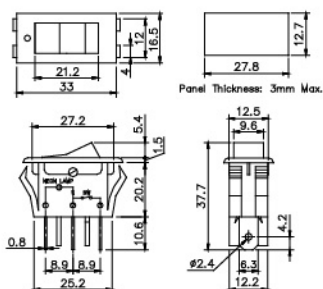
ON-OFF, 3 P, SPST  
Rocker Switch  
12VDC 10Amps





**AES-1118-66**

ON-OFF, 3 P, SPST

**AES-1118-66-PL**

AES-1118-66 With Panel

**AES-1118-611/611A**

Rocker Switch

12VDC 16Amps; 24VDC 10Amps

| Item no.      | Circuitry | Terminal | Type |
|---------------|-----------|----------|------|
| AES-1118-611  | ON-OFF    | 4P       | SPST |
| AES-1118-611A | ON-ON     | 6P       | DPDT |

**AES-1118-68A**

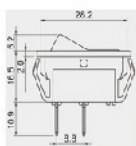
Rocker Switch

12VDC 10Amps; 24VDC 6Amps  
ON-OFF, SPST, 2 Terminals.

AES-1118-68A-C

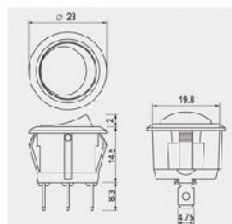
**AES-1118-69**Rocker Switch for Universal Power Window  
12VDC, ON-OFF, SPST**AES-1118-70**

12VDC 20Amps Rocker Switch

**AES-1118-77**

12VDC 20Amps Rocker Switch

| Item no.        | Circuitry | Terminal | Type | Remark             |
|-----------------|-----------|----------|------|--------------------|
| AES-1118-77     | ON-OFF    | 2P       | SPST |                    |
| AES-1118-77A    | ON-OFF    | 3P       | SPST | Illuminated (Bulb) |
| AES-1118-77A1-R | ON-OFF    | 3P       | SPST | Illuminated (Bulb) |
| AES-1118-77AL-R | ON-OFF    | 3P       | SPST | Illuminated (LED)  |
| AES-1118-77B-R  | ON-OFF    | 3P       | SPST | Illuminated (Bulb) |



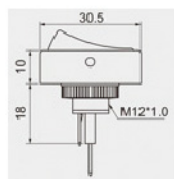
AES-1118-77A-Y AES-1118-77A-R

**AES-1118-78**

Rocker Switch

12VDC 30Amps, ON-OFF, SPST

| Item no.        | Circuitry | Terminal | Type | Remark             |
|-----------------|-----------|----------|------|--------------------|
| AES-1118-78     | ON-OFF    | 2P       | SPST |                    |
| AES-1118-78A-R  | ON-OFF    | 3P       | SPST | Illuminated (Bulb) |
| AES-1118-78AL-R | ON-OFF    | 3P       | SPST | Illuminated (LED)  |

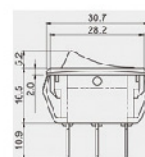


AES-1118-78A-R AES-1118-78A-Y

**AES-1118-791**

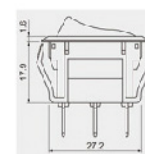
Rocker Switch with Bulb

12VDC 25Amps, ON-OFF, SPST

**AES-1118-792**

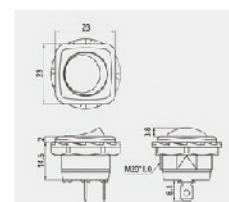
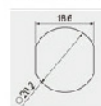
Rocker Switch

12VDC 16Amps, ON-OFF, SPST

**AES-1118-793**

Rocker Switch

12V 16Amps, ON-OFF, SPST

**AES-1118-794**

Rocker Switch

12VDC 20Amps/24VDC 10Amps

