

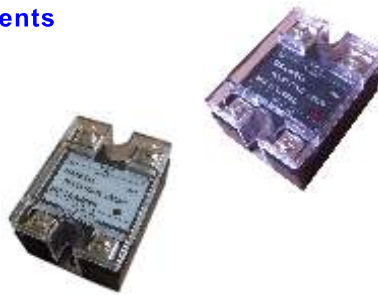
## Single Phase Solid State Relay

MS-1DA Series  
MS-1AA Series

DC to AC type  
AC to AC type

**A wide range of models with 10 to 120A output currents**  
**Maximum load capacity is 660VAC**

- All models with the same universal standard size
- Operation indicator(red LED) enables monitoring operation
- Protective cover for greater safety
- AC and DC input versions available
- Fast response and robust
- Zero cross function
- No noise during the operation
- Chassis mount
- Built-in RC snubber



### Ordering Information(DC Control AC Type)

**MS-1DA** 1 2 3

**1:Basic Model Nmae**

**MS-1DA:** Maxwell 1 phase SSR(DC to AC type)

**2:Rated Load Voltage**

**48:** 480VAC  
**66:** 660VAC

**3:Rated Load Current**

**10:** 10A  
**25:** 25A  
**40:** 40A  
**60:** 60A  
**80:** 80A  
**100:** 100A  
**120:** 120A

▲MS-1DA4825: single phase DC to AC SSR(25A load 480VAC)

### Ordering Information(AC Control AC Type)

**MS-1AA** 1 2 3

**1:Basic Model Nmae**

**MS-1AA:** Maxwell 1 phase SSR(AC to AC type)

**2:Rated Load Voltage**

**48:** 480VAC  
**66:** 660VAC

**3:Rated Load Current**

**10:** 10A  
**25:** 25A  
**40:** 40A  
**60:** 60A  
**80:** 80A  
**100:** 100A  
**120:** 120A

▲MS-1AA4840:single phase AC to AC SSR(40A load 480VAC)

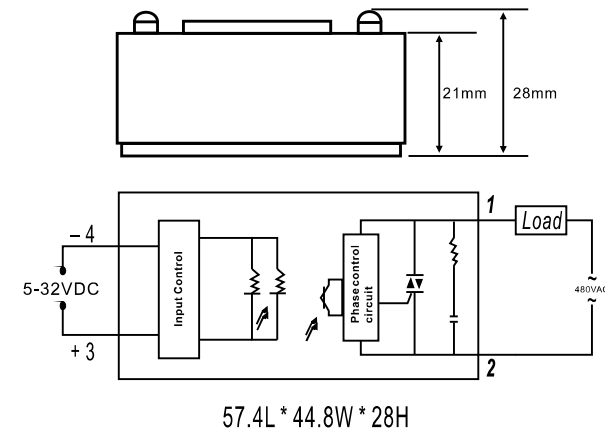
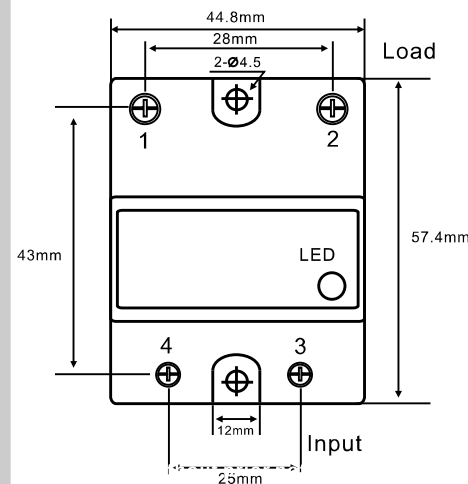
### Specifications(DC to AC type)

Load Voltage	480V/660V
Control Voltage	5-32VDC
Control Current	3-15mA DC
On Voltage Drop	≤1.5V
Off-leakage Current	≤8mA
On-off Time	≤10mS
Dielectric Strength	2500V AC
Insulation Resistance	100MΩ/500VDC
Ambient Temperature	-30°C~+75°C
Mounting	Chassis mount
Indicator	LED
Weight	0.1KG

### Specifications(AC to AC type)

Load Voltage	480V/660V
Control Voltage	90~280VAC
Control Current	3-12mA DC
On Voltage Drop	≤1.5V
Off-leakage Current	≤8mA
On-off Time	≤10mS
Dielectric Strength	2500V AC
Insulation Resistance	100MΩ/500VDC
Ambient Temperature	-30°C~+75°C
Mounting	Chassis mount
Indicator	LED
Weight	0.1KG

### Wiring and Dimensions



Temperature Controller/Solid State Relay/Rotary Encoder/Proximity Sensors/Capacitive Sensors