

## A Wide Range of Models with 10 to 120A Output Currents and up to 1200VAC Output Voltages

- 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 Name

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

#### ② Rated Load Voltage

48 \_\_\_\_\_ 480VAC  
66 \_\_\_\_\_ 660VAC  
120 \_\_\_\_\_ 1200VAC

#### 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)

Load Voltage	240V / 480V / 660V / 1200V
Control Voltage	3-32V DC
Control Current	3-25mA DC
On Voltage Drop	≤1.5V
Off-leakage Current	≤2mA
On-off Time	≤10mS
Dielectric Strength	2500V AC
Insulation Resistance	100MΩ/ 500VDC
Ambient Temperature	-30°C~+75°C
Mounting	Chassis mount
Indicator	LED
Weight	0.135kg

#### Standard Stock Range

CODE	DESCRIPTION	PRICE
<b>MS-1DA4810</b>	Solid State Relay DC Control 10A	€12.50
<b>MS-1DA4825</b>	Solid State Relay DC Control 25A	€13.50
<b>MS-1DA4840</b>	Solid State Relay DC Control 40A	€19.00
<b>MS-1DA4860</b>	Solid State Relay DC Control 60A	€29.50

## Ordering Information (AC Control AC Type)

### MS-1AA

① ② ③

#### ① Basic Model Name

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

#### ② Rated Load Voltage

48 \_\_\_\_\_ 480VAC  
66 \_\_\_\_\_ 660VAC  
120 \_\_\_\_\_ 1200VAC

#### ③ Rated Load Current

10 \_\_\_\_\_ 10A  
25 \_\_\_\_\_ 25A  
40 \_\_\_\_\_ 40A  
60 \_\_\_\_\_ 60A  
80 \_\_\_\_\_ 80A  
100 \_\_\_\_\_ 100A  
120 \_\_\_\_\_ 120A

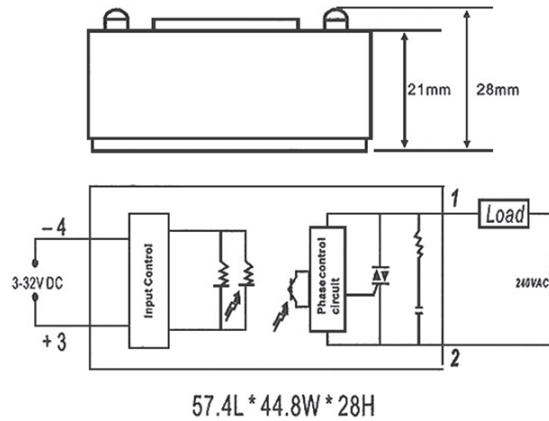
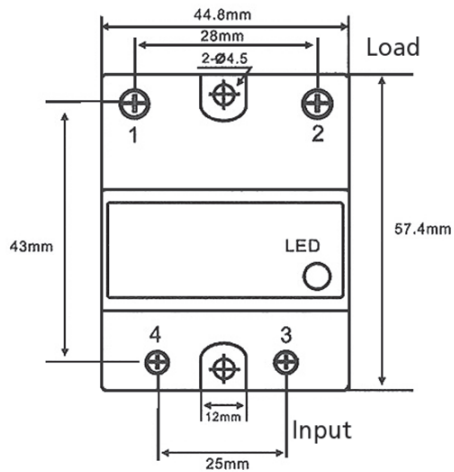
**MS-1AA4825:** single phase AC to AC SSR (25A load 480VAC)

Load Voltage	240V / 480V / 660V / 1200V
Control Voltage	70-280VAC
Control Current	AC≤12mA
On Voltage Drop	≤1.5V
Off-leakage Current	≤2mA
On-off Time	≤10mS
Dielectric Strength	2500V AC
Insulation Resistance	100MΩ/ 500VDC
Ambient Temperature	-30°C~+75°C
Mounting	Chassis mount
Indicator	LED
Weight	0.135kg

#### Standard Stock Range

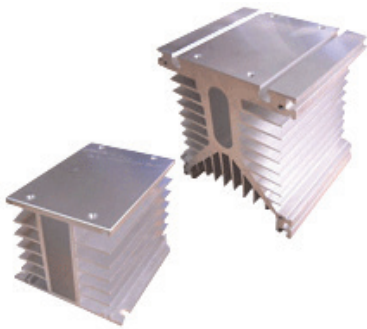
CODE	DESCRIPTION	PRICE
<b>MS-1AA4810</b>	Solid State Relay AC Control 10A	€13.00
<b>MS-1AA4825</b>	Solid State Relay AC Control 25A	€14.50
<b>MS-1AA4840</b>	Solid State Relay AC Control 40A	€20.00
<b>MS-1AA4860</b>	Solid State Relay AC Control 60A	€31.00

## Wiring and Dimensions



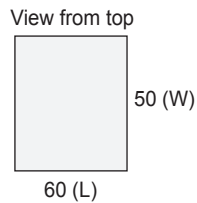
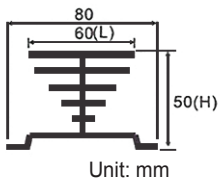
## HeatSinks for SSR

### HeatSink for SSR Compatible Checking List



CODE	LENGTH	WIDTH	HEIGHT	COMPATIBLE SSR	REMARK
MW-I	60mm	50mm	50mm	10A/25A	Single Phase SSR
MW-W-A	72mm	100mm	50mm	40A	Single Phase SSR
MW-W-B	100mm	100mm	50mm	60A	Single Phase SSR
MW-T	80mm	80mm	70mm	80A/100A/120A	Single Phase SSR
MW-L	150mm	88mm	35mm	10A/25A	Three Phase SSR
MW-H-A	110mm	80mm	80mm	40A	Three Phase SSR
MW-H-B	150mm	80mm	80mm	60A	Three Phase SSR
MW-Y-A	110mm	125mm	135mm	80A	Three Phase SSR
MW-Y-B	150mm	125mm	135mm	100A/120A	Three Phase SSR
MW-Y-C	170mm	125mm	135mm	150A/200A	Three Phase SSR

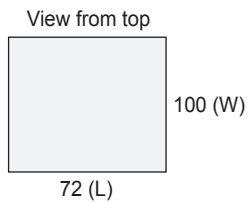
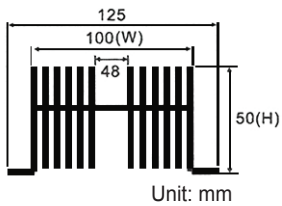
### MW-I HeatSink



### Standard Stock Range

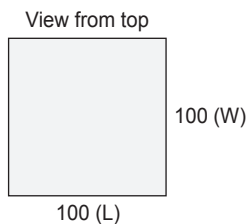
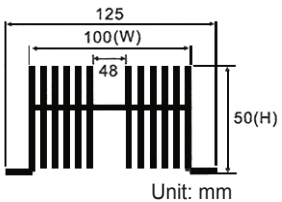
CODE	DESCRIPTION	WEIGHT	PRICE
MW-1	Heatsink for Relay 10A & 25A	0.1KG	€4.00

### MW-W-A HeatSink



CODE	DESCRIPTION	WEIGHT	PRICE
MW-W-A	Heatsink for Relay 40A	0.2KG	€7.50

### MW-W-B HeatSink



CODE	DESCRIPTION	WEIGHT	PRICE
MW-W-B	Heatsink for Relay 60A	0.3KG	€10.50

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