

MaxWell

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 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

Section 1: Basic Model Name

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

Section 2: Rated Load Voltage

48: 480VAC
66: 660VAC
120: 1200VAC

Section 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

Section 1: Basic Model Name

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

Section 2: Rated Load Voltage

48: 480VAC
66: 660VAC
120: 1200VAC

Section 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)

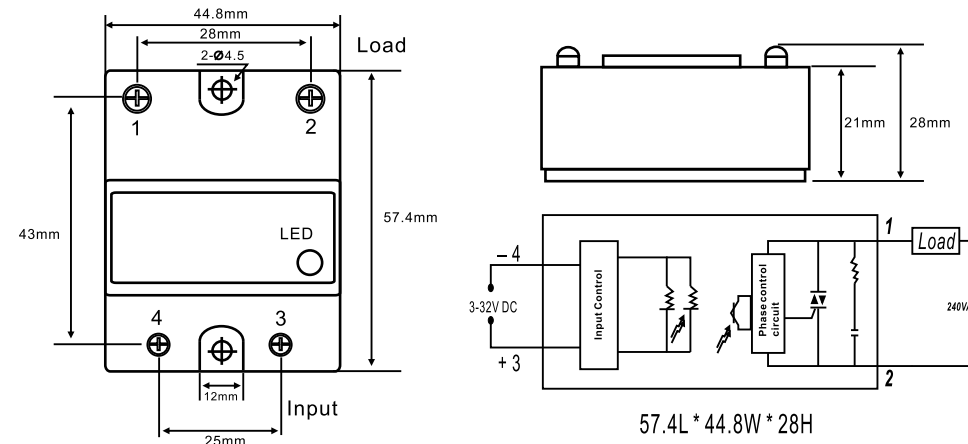
Specifications(DC to AC type)

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

Specifications(AC to AC type)

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

Wiring and Dimensions



Temperature Controller/Solid State Relay/Rotary Encoder