

MAXWELL

Single Phase Solid State Relay

MS-DD Series

DC to DC type

A Wide Range of models with 10 to 120A Output currents and Up to 480VDC output Voltages

- All models with the same universal standard size
- Operation indicator(red LED) enables monitoring operation
- Protective cover for greater safety
- DC input and DC output
- Fast response and robust
- No noise during the operation
- Chassis mount
- Mosfet output



Ordering Information(60V DC Load type)

MS-DD

1 2 3

1:Basic Model Name

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

2:Rated Load Voltage

60: 60VDC

3:Rated Load Current

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

▲ MS-DD6010: DC to DC SSR(10A load 60VDC)

Ordering Information(110V/220V/480V DC Load type)

MS-DD

1 2 3

1:Basic Model Name

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

2:Rated Load Voltage

- 110: 110VDC
- 220: 220VDC
- 480: 480VDC

3:Rated Load Current

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

▲ MS-DD11010: DC to DC SSR(10A load 110VDC)

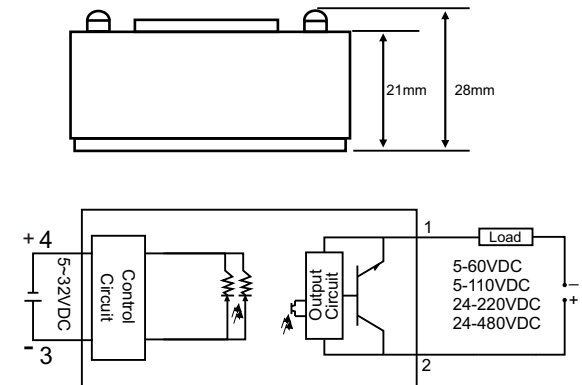
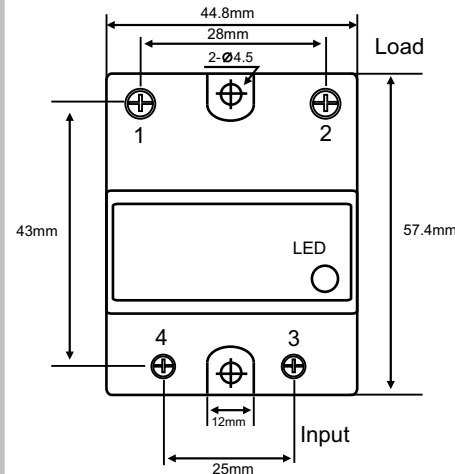
Specifications(60VDC Load type)

Load Voltage	60VDC
Control Voltage	5-32V DC
Control Current	5-50mA DC
On Voltage Drop	≤1.5V
Off-leakage Current	≤2mA
On-off Time	≤10mS
Dielectric Strength	2000V AC
Insulation Resistance	500M /500VDC
Ambient Temperature	-30 °C~+75 °C
Mounting	Chassis Mount
Indicator	LED
Weight	0.1KG

Specifications(110/240/480VDC Load type)

Load Voltage	110VDC / 220VDC / 480VDC
Control Voltage	5-32V DC
Control Current	5-25mA DC
On Voltage Drop	≤2.3V
Off-leakage Current	≤2mA
On-off Time	≤10mS
Dielectric Strength	2000V AC
Insulation Resistance	500M /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