



Features:

- DC to DC solid state relay
 - 5-32Vdc input for DC to DC
 - load amps from 10 amps to 120 amps
 - Load is 60VDC, 110VDC, and 220Vdc, three options
 - LED process indication
 - Panel mount
 - mosfet triggering
 - All models with the same physical size
 - Fast response and no noise
- Black housing
 - Terminal type
 - Compact size
 - This item can be used for small heating application and ideal for valve control etc

Technical Specifications

Ordering Information

MS-**1**-**2**-**3**

1: Type of solid state relay

DD DC to DC input, 5-32Vdc

2: load voltage

60 60Vdc load
110 110Vdc load
220 220Vdc load

3: Load amps

10 10 amps
25 25 amps
40 40 amps
60 60 amps
80 80 amps
100 100 amps
120 120 amps

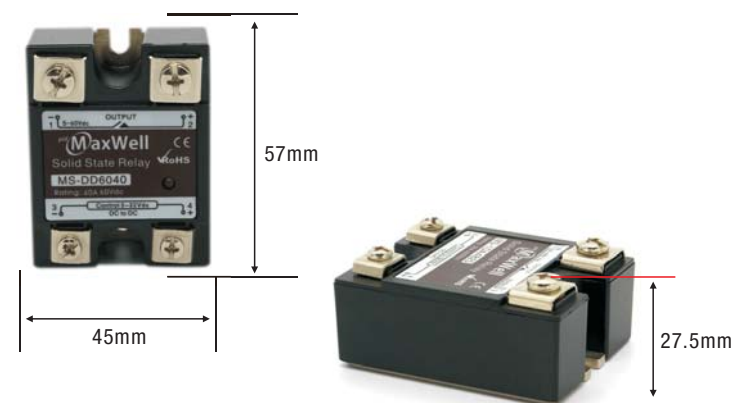
Guidelines on the selection and usage of a solid state relay

- 1) This series of SSR is suitable for small resistive load in heating application and for inductive load such as valve control
- 2) Heatsinks must always be installed together with the SSR regardless of the load amps, natural convection cooling might be sufficient in some cases depends on the site situation, force air cooling must be taken into consideration under harsh conditions (contact our sales team for more info)
- 3) Fast fuse must be installed in the system to protect overload on the SSR
- 4) Silicon rubber pad or silicon compound must be applied to the bottom of the SSR to help the heat radiation
- 5) Several options in terms of the load voltage, 60Vdc, 110Vdc, 220Vdc

Electrical Technical Features

Load voltage	60Vdc/110Vdc/220Vdc
Control voltage	5-32Vdc
Control current	5-50mA DC
On voltage drop	<1.5V
Off leakage current	<2mA
On-off time	<10ms
Dielectric strength	2000VAC
Insulation resistance	500MΩ/500VDC
Ambient Temperature	-30°C~+75°C
Indicator	LED
Weight	0.1kg
Mounting method	Chassis mount

Size and dimension



Packing information

Individual box for each pcs
 10 pcs in a secondary box
 200 pcs per master carton