

# **Features:**

- Analong input phase firing solid state relay
- 0-10Vdc or 4-20mA input, specify input when you order
- load amps,10~120 amps
- Load voltage 24~380Vac
- Operation frequency 40~65HZ
- Panel mount
- All models with the same physical size
- Fast response and no noise
  - -Black housing
  - -Terminal type
  - -Compact size
  - -0-10Vdc input or 4-20mA input
  - -220Vac load or 380Vac load optional

# **Technical Specifications**

#### **Ordering Information**

MS-1-2-3-4

#### 1: Type of solid state relay

Single phase solid state relay

#### 2: Control mode

VD Analong input phase firing relay

## 3:Load voltage

22 24~280Vac 50/60HZ 38 24~380Vac 50/60HZ

# 4:Load amps

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

### 5:Input configuration

B 0-10Vdc C 4-20mA dc

eg: MS-1VD2240C, 4-20mA input, 40 amps 220Vac MS-1VD3825B, 0-10Vdc input, 25 amps, 380Vac

### Guidelines on the selection and usage of this voltage regulator

- 1)Current rating, as a general rule consider using the relay at no more than 50% of its rated current for resistive load such as a heater, lamps etc.
- 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  $\ensuremath{\mathsf{SSR}}$
- 4)Silicon rubber pad or silicon compound must be applied to the bottom of the SSR to help the heat radiation
- 5)Our SSR is 220Vac or 380Vac load type,This is suitable for 220Vac or 380Vac application
- 6)This item is mianly for resistive load, like heaters, lighting, or very small inductdive loads like small fans

# **Technical Specifications**

Electrical Specifications

Load voltage 24-280Vac or 24-380Vac Control input 0-10Vdc or 4-20mA

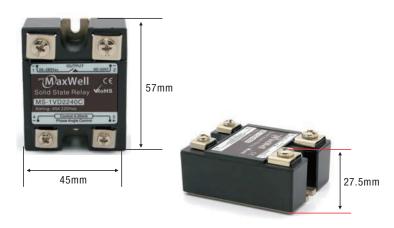
Off state leakage current <12mA Load options 10~120 amps

Dielectric strength input,output/ base > 2500V rms Isolation input and output non-isolated

#### Mechanical and environmental specifications

Operating Temerature Range -20 C $\sim+80$  C Storage Temperature Range -40 C $\sim+100$  C Weight (g) 100g+/-10g

#### Size and dimension



## **Packing information**

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