

MaxWell

Single Phase Solid State Voltage Regulator

MS-1VD Series
MS-1VR Series

Analog input
Resistor input

A Wide Range of models with 10 to 120Amps
220VAC load or 380VAC load
Resistor input or voltage input

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



Ordering Information(Resistance input)



Section 1:Basic Model Name

MS-1VR: Maxwell Voltage Regulator
Resistor input

Section 2:Rated Load Voltage

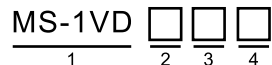
22: 220VAC Load
38: 380VAC Load

Section 3:Rated Load Current

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

▲ MS-1VR2225: Voltage Regulator 25amps 220V Load Resistor input
Default input for 220VAC load is 0-470KΩ
Default input for 380VAC load is 0-560KΩ

Ordering Information(Voltage input)



Section 1:Basic Model Name

MS-1VD: Maxwell Voltage Regulator
Voltage input

Section 2:Rated Load Voltage

22: 220VAC Load
38: 380VAC Load

Section 3:Rated Load Current

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

Section 4:Input Signal

A: 0-5VDC
B: 0-10VDC
C: 4-20mA

▲ MS-1VD2225A: Voltage regulator 25amps 220V Load Voltage input(0-5VDC input)

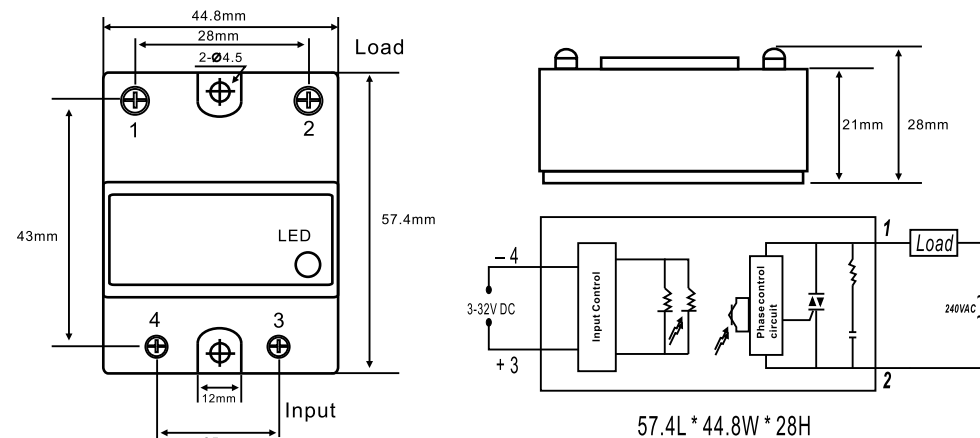
Specifications(Resistor input)

Load Voltage	220VAC / 380VAC
Control	0-470KΩ(220VAC) 0-560KΩ(380VAC)
Control Current	N/A
On Voltage Drop	≤1.5V
Off-leakage Current	≤2mA
On-off Time	N/A
Dielectric Strength	2500V AC
Insulation Resistance	100MΩ/500VDC
Ambient Temperature	-30°C~+75°C
Mounting	Chassis mount
Indicator	LED
Weight	0.1kg

Specifications(AC to AC type)

Load Voltage	220VAC / 380VAC
Control Voltage	0-5VDC/0-10VDC
Control Current	DC 4-20mA
On Voltage Drop	≤1.5V
Off-leakage Current	≤2mA
On-off Time	≤10mS
Dielectric Strength	2500V AC
Insulation Resistance	500MΩ/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