

MAXWELL

Single Phase Power Regulator

MS-1VD Series
MS-1VR Series

Analog input
Potentiometer Control



**A Wide Range of models with 10 to 120Amps
220VAC load or 380VAC load
Analog input/Potentiometer 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)

MS-1VR □ □ □

1 2 3

1:Basic Model Name

MS-1VR: Maxwell Voltage Regulator, potentiometer control

2:Rated Load Voltage

38: 380VAC Load

3:Rated Load Current

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

Ordering Information(Analog input)

MS-1VD □ □ □ □

1 2 3 4

1:Basic Model Name

MS-1VD: Maxwell Voltage Regulator analog input

2:Rated Load Voltage

22: 220VAC Load

38: 380VAC Load

3:Rated Load Current

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

4:Input Signal

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

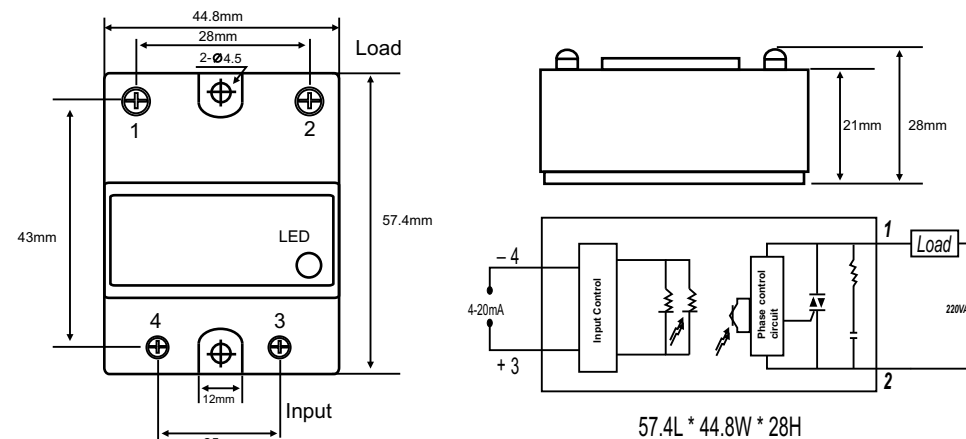
Specifications(Potentiometer input)

Load Voltage	380VAC
Control	0-470K \square (220VAC) 0-560K \square (380VAC)
Control Current	N/A
On Voltage Drop	$\leq 1.5V$
Off-leakage Current	$\leq 2mA$
On-off Time	N/A
Dielectric Strength	2500V AC
Insulation Resistance	100M \square /500VDC
Ambient Temperature	-30 $^{\circ}C$ ~+75 $^{\circ}C$
Mounting	Chassis mount
Indicator	LED
Weight	0.1kg

Specifications(Analog Input type)

Load Voltage	220VAC / 380VAC
Control Voltage	4-20mA/0-10VDC
Control Current	DC 4-20mA/0-10VDC
On Voltage Drop	$\leq 1.5V$
Off-leakage Current	$\leq 2mA$
On-off Time	$\leq 10mS$
Dielectric Strength	2000V AC
Insulation Resistance	500M \square /500VDC
Ambient Temperature	-30 $^{\circ}C$ ~+75 $^{\circ}C$
Mounting	Chassis mount
Indicator	LED
Weight	0.1kg

Wiring and Dimensions



Temperature Controller/Solid State Relay/Rotary Encoder/Proximity Sensors/Capacitive Sensors