

# MAXWELL

## Single Phase Power Regulator

MS-1VD Series  
MS-1VR Series

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

Analog input  
Potentiometer Control



## Ordering Information(Resistance input)

MS-1VR         

- 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:Basic Model Name  
MS-1VD: Maxwell Voltage Regulator analog input
- 2:Rated Load Voltage  
22: 220VAC Load
- 3:Rated Load Current
- 10: 10A
  - 25: 25A
  - 40: 40A
  - 60: 60A
  - 80: 80A
  - 100: 100A
  - 120: 120A
- 4:Input Signal
- A: 0-5VDC
  - B: 0-10VDC
  - C: 4-20mA

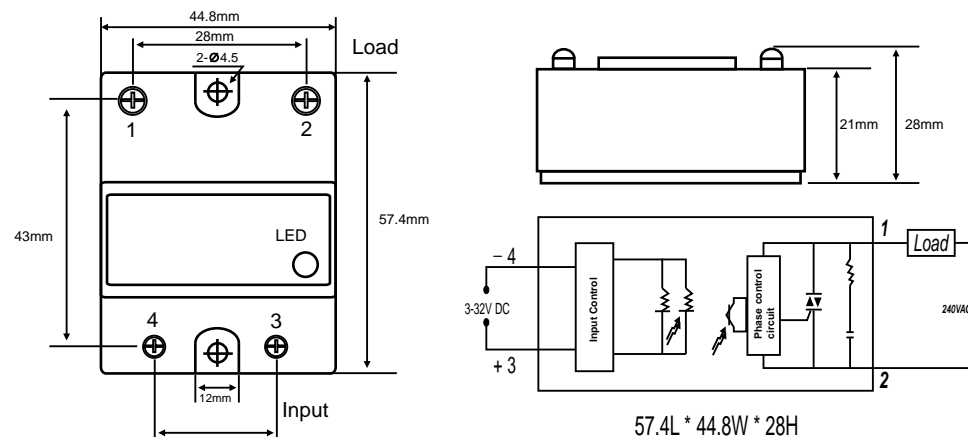
## Specifications(Resistor input)

Load Voltage	220VAC / 380VAC
Control	0-470K $\Omega$ (220VAC) 0-560K $\Omega$ (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 /500VDC
Ambient Temperature	-30 $^{\circ}C$ ~+75 $^{\circ}C$
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	$\leq 1.5V$
Off-leakage Current	$\leq 2mA$
On-off Time	$\leq 10mS$
Dielectric Strength	2500V AC
Insulation Resistance	500M $\Omega$ /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