

Voltage Regulator Module

KWR Series AC Output



- Non-isolated single phase voltage regulator
- Ratings 10~100A @ 175-265VAC, 300-440VAC, 440-530VAC
- Regulating potentiometer 150K/2W, 220K/2W, 470K/2W
- Protection cover (option)
- LED indication
- Internal RC protection circuit

Product Description

KWR series is non-isolated single phase voltage regulator, regulating potentiometer is 150K/2W, 220K/2W and 470K/2W. It is the most widely used industrial voltage regulator. Ratings 10~100A @ 175-265VAC, 300-440VAC, 440-530VAC.

Product Selection

KWR	240	F	40	-L
KWR Series	Load Voltage 240: 175-265VAC 380: 300-440VAC 480: 440-530VAC	Regulating Potentiometer F: 150K/2W G: 220K/2W H: 470K/2W	Load Current 10: 10Amp 25: 25Amp 40: 40Amp 60: 60Amp 80: 80Amp 100: 100Amp	L: LED

Technical Specification

Input Circuit

Regulating Potentiometer	F	150K/2W
	G	220K/2W
	H	470K/2W

Output Circuit

Load Voltage Range	240VAC	175-265VAC
	380VAC	300-440VAC
	480VAC	440-530VAC
Maximum Surge Current [@ 10ms]	10A	100A
	25A	250A
	40A	400A
	60A	600A
	80A	800A
Transient Overvoltage	100A	1000A
	240VAC	600Vpk
	380VAC	800Vpk
	480VAC	1200Vpk

Maximum Off-State Leakage Current [@ Rated Voltage]

5mA

Insulation Resistance(DC500V)	1000M
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General Information

Dielectric Strength, Input/Output/Base [50/60Hz]	$\geq 2500V_{rms}$
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Ambient Operating Temperature Range	$-20^{\circ}C \sim +80^{\circ}C$
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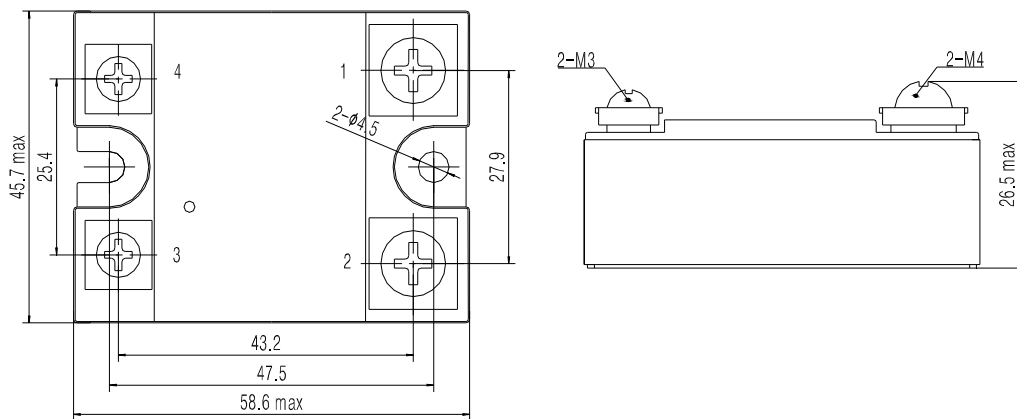
Ambient Storage Temperature Range	$-30^{\circ}C \sim +100^{\circ}C$
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Weight [typical]	85g
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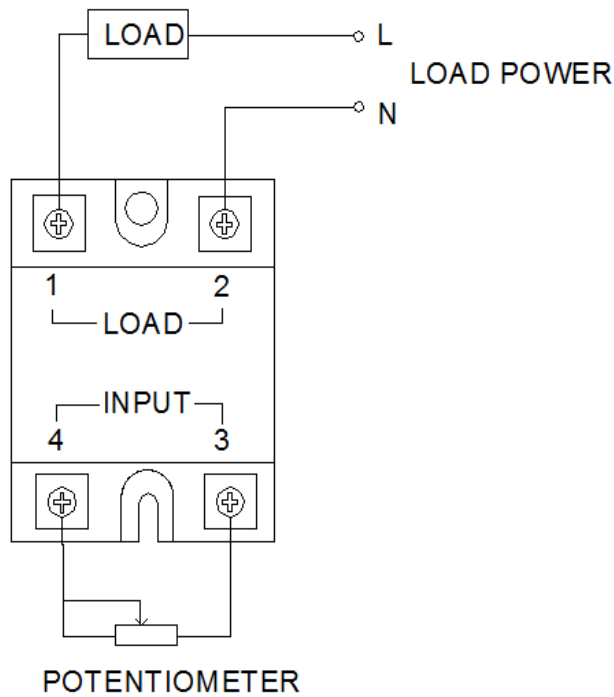
Application

Suitable for all kinds of thermostat, plastic molding machines, vulcanization machine, etc

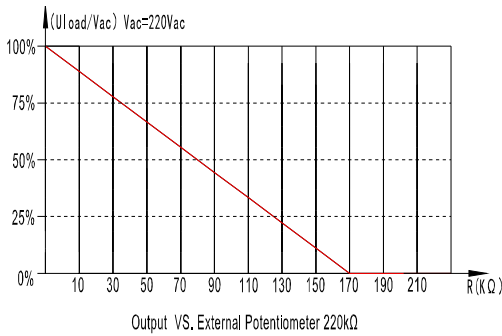
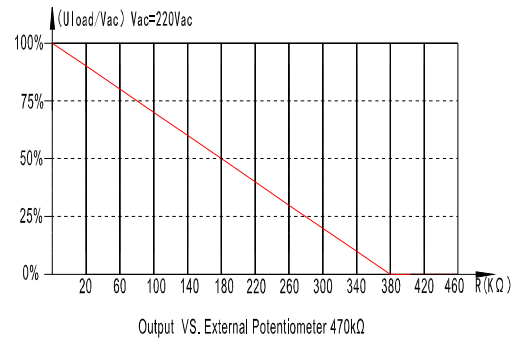
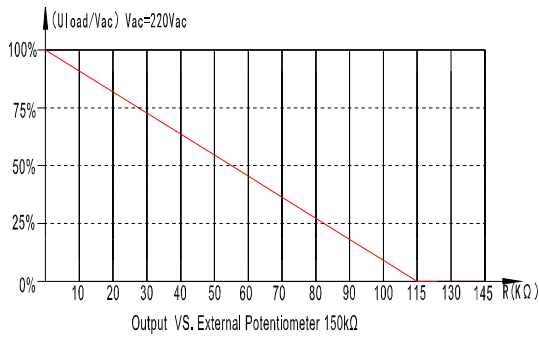
Installation



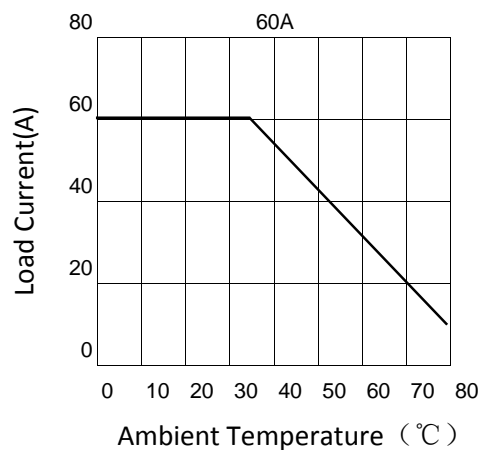
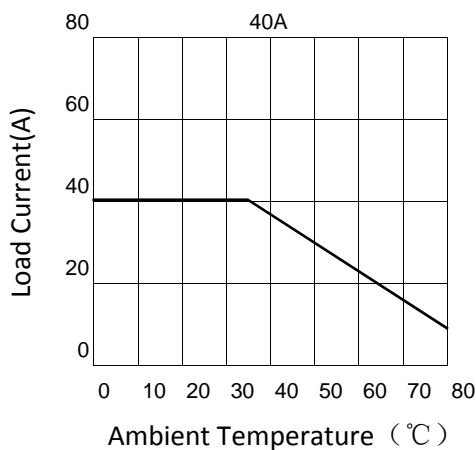
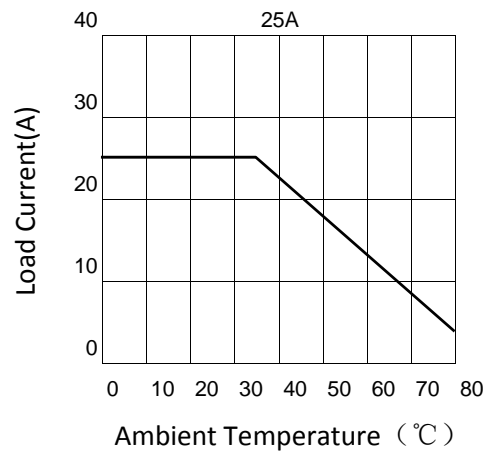
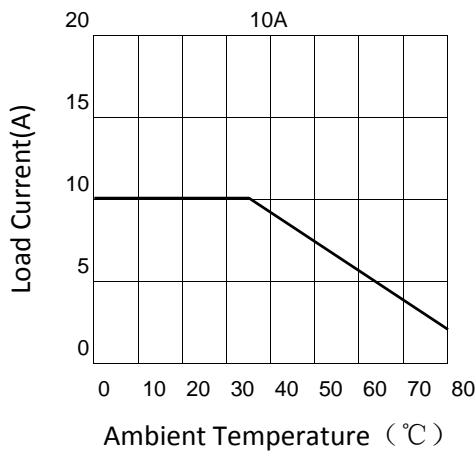
Wiring Diagram

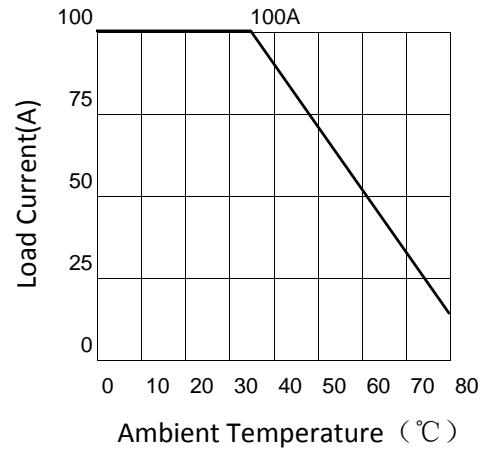
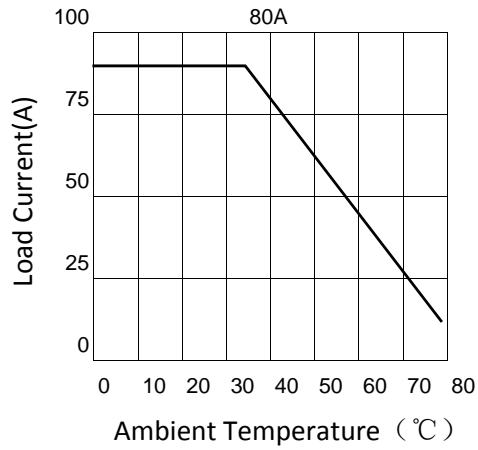


Output / Potentiometer Characteristic



Thermal Curve





Important Notice

1. When the ambient temperature is over 40°C or many KWR series are installed closely together, the user

Product Certification

