

General Specifications

Model MRKW
RTD Alarm Trip

JUXTA

Model MRKW RTD alarm trip, plug-in type, receives resistance change of RTD and after comparing it with an internally set voltage, outputs independent 2 alarm relay contacts.

Input & Output	
Input signal	JIS specs. RTD (Pt100, JPt100)
Input range	More than 50°C span
Zero elevation	-100~+200% of temperature span
Measuring current	Abt. 2mA DC
Input conductor resistance	Less than 10Ω/wire
Configuration of output signal	Relay contact
Output points	2 alarm output "a" contacts
Contact capacity	120V AC, 1A 30V DC, 1A resistance load
Standard Performance	
Accuracy of alarm setting	±0.5% of span (calibration accuracy)
Alarm point setting	0~100% variable (2 points independent setting)
Repeatability of alarm point	±0.2% of span
Hysteresis width	1~100% variable
Response speed	200ms 63% response (10~90%)
Insulation resistance	100MΩ (at 500V DC) between input~outputs~power supply~ground
Withstand voltage	1500V AC/minute between power supply~outputs~ground 500V DC/minute between input~ground
Ambient temperature	0~50°C
Relative humidity	5~90% RH (no condensation)
Power supply voltage	85~132V AC, 24V DC±10% AC/DC use or 180~264V AC
Effect of power supply voltage fluctuation	100V AC standard ±0.1%/10V of span 24V DC drive ±0.1% max of span
Current dissipation	24V DC drive 130mA
Power dissipation	100V AC drive 5.0VA
Mounting, Shape & Accessories	
Material	Case ABS plastic
Board	Both sides glass·epoxy
Mounting method	Wall or DIN rail mounting (More than 5mm interval required for access mounting)
Connecting method	M3.5 screw terminal
External dimension	85(H)x50(W)x132(D)mm (including socket)
Weight	Body : Approx. 250g Socket : Approx. 80g
Accessories	Tag number label: 2 Spacer: 1 (use for DIN rail mounting)

MRKW-□-□*A

MODEL _____

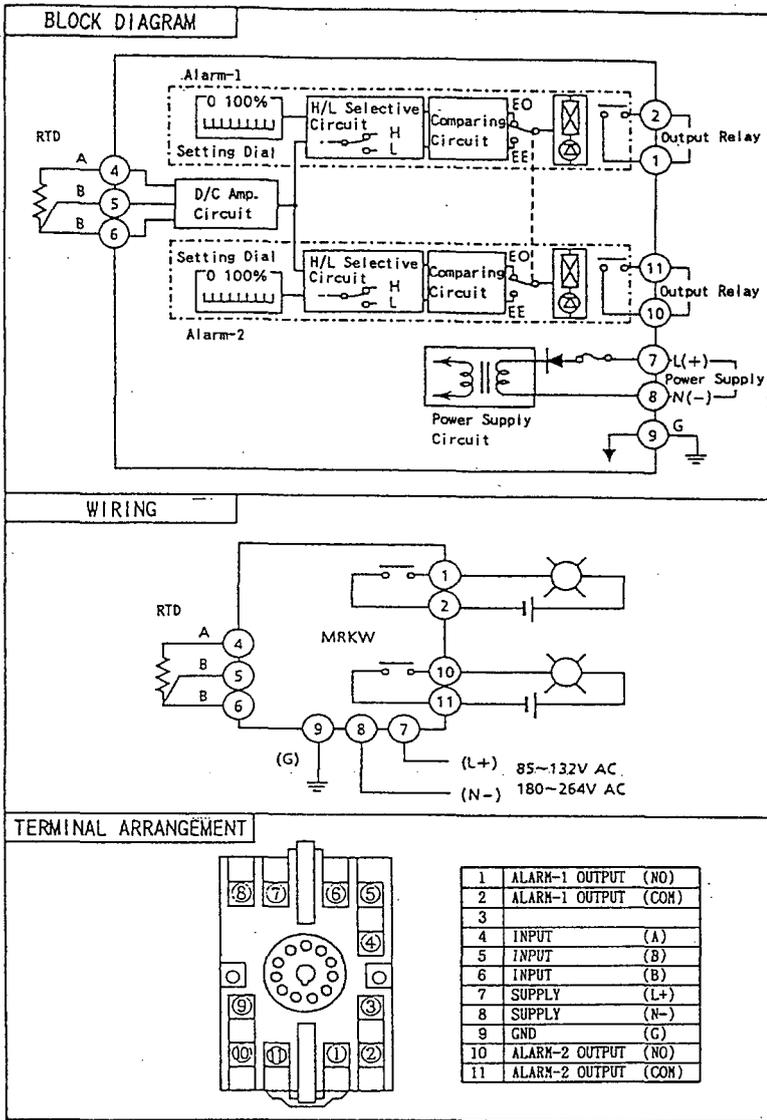
INPUT SIGNAL _____

JIS RTD
1: Pt100
2: JPt100
3: Pt50
0: CUSTOM ORDER

POWER SUPPLY _____

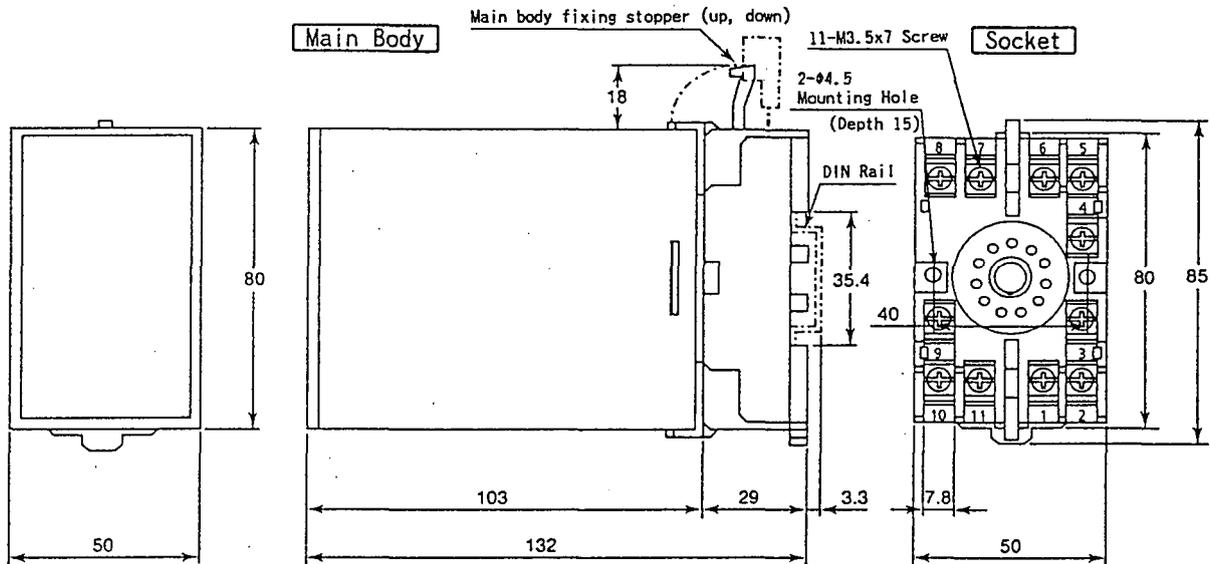
8: 85~132V AC, 24V DC±10% AC/DC use
9: 180~264V AC

ORDERING INFORMATION
(Example) Model Code : MRKW-1-8*A
Input Range : 0~300°C



EXTERNAL DIMENSION

Unit : mm



Subject to change without notice for grade up quality and performance