

RW8-01



RW8-02

Applications

- Can be used for monitoring temperature e.g. in switchboards, heating systems, cooling systems, liquids, radiators, motors,devices, open spaces, etc..

Feature

- Function of short-circuit or sensor disconnection monitoring.
- Possibility to set function “heating”/”cooling”.
- It is possible to place sensor directly on terminal block – for temperature monitoring in a switchboard or in its surroundings
- Universal supply AC/DC 24V- 240 V.
- Relay status is indicated by LED.
- 1-MODULE,DIN rail mounting.

Model and connotation

RW8 – □

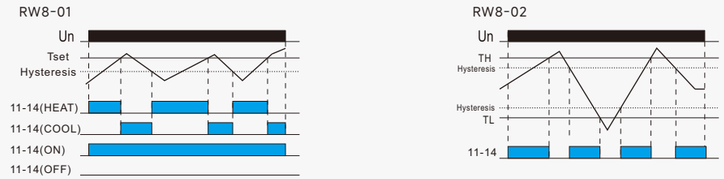
Design number — 01: Temperature control
02: Temperature range control

RW8 Series

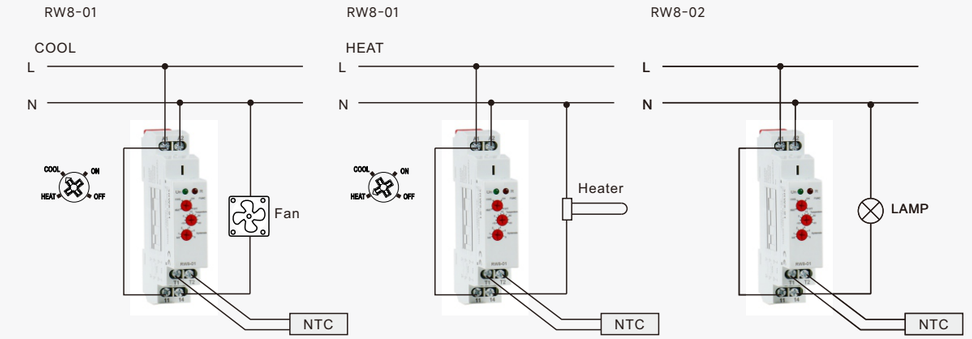
Technical parameters

	RW8-01	RW8-02
Function	Temperature control	Temperature range control
Supply terminals	A1-A2	
Rated supply voltage	AC/DC 24V-240V	
Rated supply frequency	50-60Hz	
Burden	max .2VA	
Supply voltage tolerance	-15%;+10%	
Temperature range	-15°C to +45°C	
Hysteresis	0.5°C to 5°C	
Supply indication	Green LED	
Measurement accuracy	±2°C	
Output	1xSPST	
Current rating	16A/AC1	
Switching voltage	250VAC/24VDC	
Min. breaking capacity DC	500mW	
Output indication	Red LED	
Mechanical life	$1x10^7$	
Electrical life(AC1)	$1x10^5$	
Operating temperature	-20°C to +55°C (-4°F to 131°F)	
Storage temperature	-35°C to +75°C (-22°F to 158°F)	
Mounting/DiN rail	Din rail EN/IEC 60715	
Protection degree	IP40 for front panel/IP20 terminals	
Operating position	any	
Overvoltage category	III	
Pollution degree	2	
Max. cable size(mm^2)	solid wire max.1×2.5or 2×1.5/with sleeve max.1×2.5(AWG 12)	
Dimensions	90x 18x 64mm	
Weight	62g	
Standards	EN 60255-1	

Functions Diagram

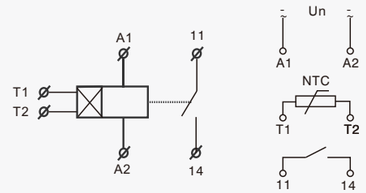


Example

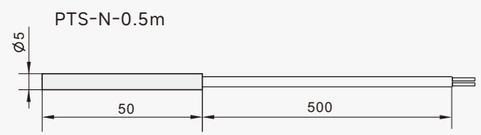


Application photographs illustrate common wiring; use the exact-model panel and function diagrams.

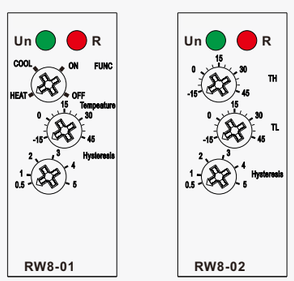
Wiring Diagram



Sensor



Panel Diagram



Dimensions(mm)

