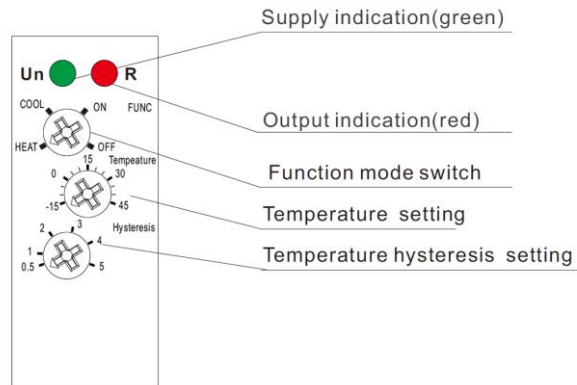


Data Sheet

Temperature Control relay



General

1. Applications

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

2. Function features

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

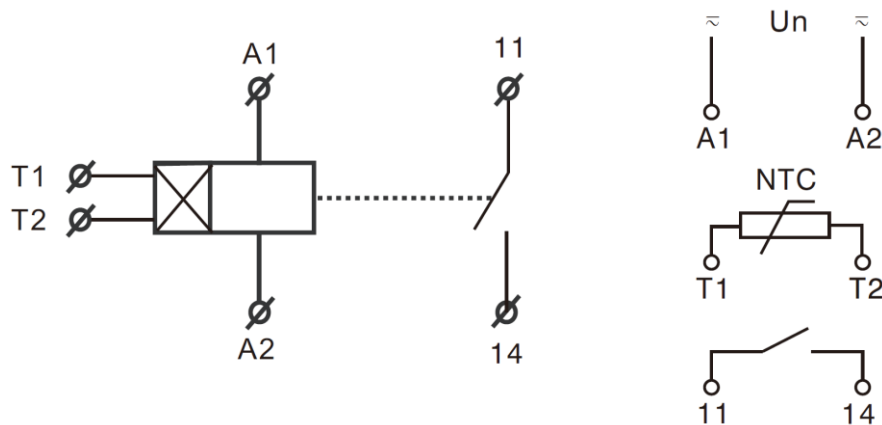
Technical parameters

Function	Temperature control
Supply terminals	A1-A2
Rated supply voltage	AC/DC 24 - 240 V
Rated supply frequency	50/60 Hz
Burden	max. 2 VA
Supply voltage tolerance	-15%; +10%
Temperature range	-15 to 45 C°
Hysteresis	0.5 to 5 C°
Supply indication	green LED
Tolerance sensor	± 5%
Output	1 x SPST
Current rating	16 A / AC1
Switching voltage	250 VAC / 24 VDC
Min. breaking capacity DC	500 mW
Output indication	red LED
Mechanical life	1 x 10 ⁷
Electrical life (AC1)	1 x 10 ⁵

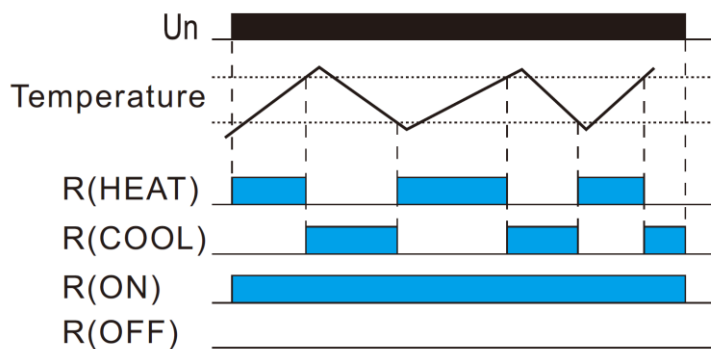
Data Sheet

Operating temperature	-20 to 55 C°
Storage temperature	-35 to 75 C°
Mounting / DIN rail	DIN rail EN/IEC 60715
Protection degree	IP20
Operating position	Any
Overvoltage category	III.
Pollution degree	2
Max. cable size (mm²)	Solid wire max. 1 x 2.5 or 2 x 1.5 with sleeve max. 1 x 2.5 (AWG12)
Tightening torque	0.8 Nm
Dimensions	90 x 18 x 64 mm
Weight	64 g

Wiring Diagram

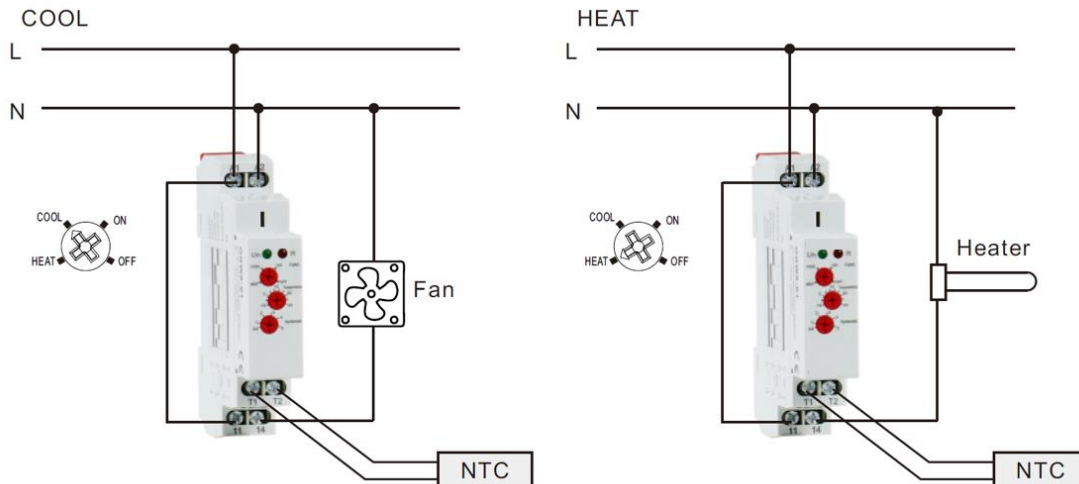


Functions Diagram

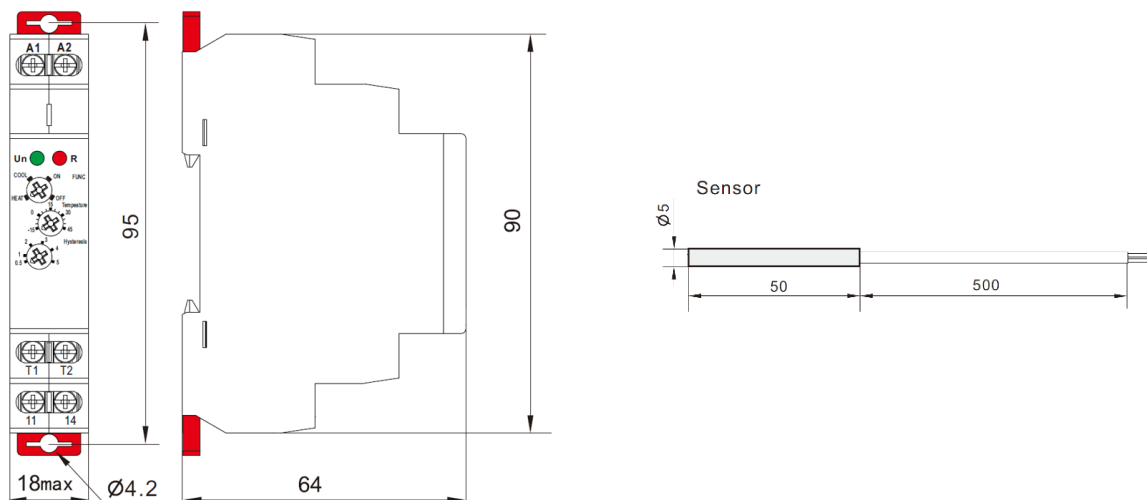


Data Sheet

Example



Dimensions (mm)



Achtung, gefährliche Spannung - kann zu elektrischem Schlag, Verletzungen oder Tod führen. Installations- und Wartungsarbeiten an diesem Produkt dürfen nur durch eine autorisierte Elektrofachkraft durchgeführt werden. Vor Beginn der Arbeiten elektrische Anlage und das Produkt spannungsfrei schalten.

Danger - hazardous voltage - will cause electric shock, serious injuries or death. Installation and maintenance work on this product may only be carried out by an authorized electrician. Disconnect the electrical system and the product from the power supply before starting work.