



RTRE Transformers

Manual 5-step transformer for effective fan speed control

- Integral motor protection
- Indicator lamp
- Thermoplastic casing
- Manual operation

[Find more details in our online catalogue](#)

Manual operation

The 5 steps of the RTRE single-phase transformer is adjusted manually using the control knob on the front of the unit.

Integral motor protection

An integral motor protection device is included which cuts the supply voltage to the fan if the thermal contact in the fan motor is activated.

230V terminals

The RTRE transformer has 230v terminals for operating dampers, electric water-heater batteries or other external equipment.

The RTRE single-phase transformer controls the fan speed by altering the supply voltage in five fixed steps. These steps are operated manually using the control knob on the front of the unit. The RTRE transformer contains an integral motor protection device which cuts the supply voltage to the fan if the thermal contact in the fan motor is activated. The unit can be reset by turning the knob to zero. After a ten-second duration has passed the unit will restart.

Available in different sizes, the unit features input terminals for room thermostat RT. This stops the supply voltage to the fan when the circuit is broken. These terminals are linked prior to delivery. The transformer has 230v terminals for operating dampers, electric water-heater batteries or other external equipment. These terminals have no current when the transformer knob is in position 0, or when the TK or RT input is open. The RTRE also features a self-extinguishing thermoplastic casing.

Technical parameters

Nominal data

Voltage (nominal)	230	V
Frequency	50; 60	Hz
Phases	1~	
Input current	1.5	A

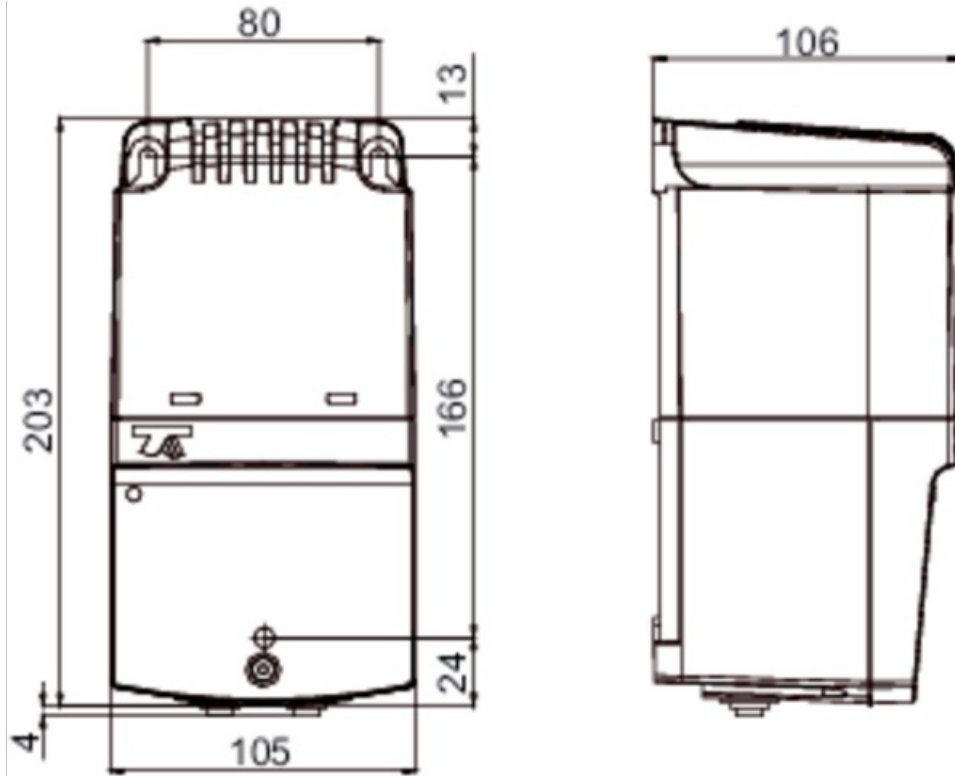
Protection/Classification

Enclosure class	IP54
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Dimensions and weights

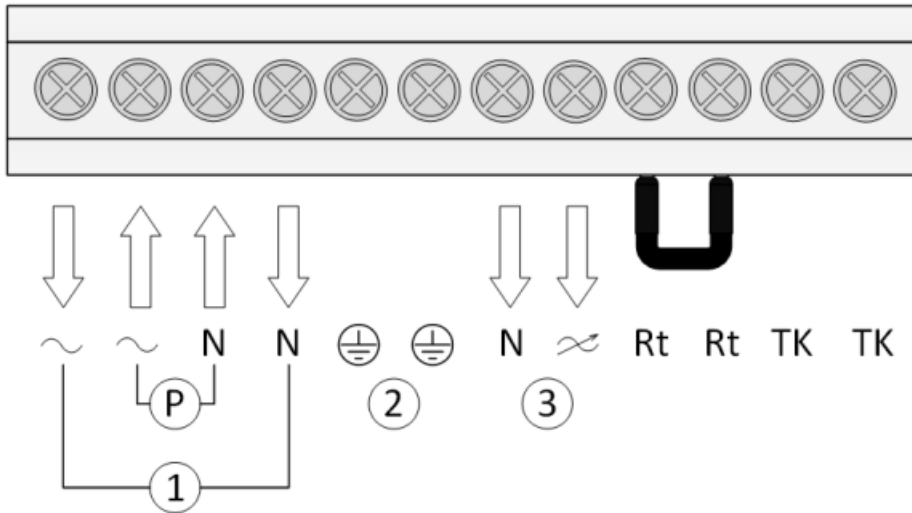
Depth	106	mm
Height	203	mm
Width	105	mm
Weight	1.9	kg

Dimension



Wiring

RTRE 1,5 RTRE 3 RTRE 5



(*1) Relay connection. There is always 230V between ~ and N when the transformer knob is in one of the positions 1-5.

(*2) Earth connection.

(*3) Fan connection.

(*Rt) Room thermostat connection. By default roomthermostat is not in use, and Rt is looped together.

(*TK) Motor protection connection. If the motor protection is not in use, Tk shall be looped together.

Documents

- [RE RTRE REU_ IMO_ GB.PDF](#)
- [DECLARATION OF CONFORMITY_RE_REU_RTRE_EN-2017.PDF](#)