

Insulating transformer
TRF-220/12-25 K
TRF-220/12-25 KV



Application

• Low-voltage step-down transformers are used in humid premises as bathroom and kitchen with low-voltage (12 V) safety requirements. TRF transformers are used to provide safe power voltage 12 V/ 50 Hz for the domestic fans not more than 16 W (25VA) with current load up to 2 A.

Design

- TRF-220/12-25 K transformer in plastic casing for wall mounting.
- TRF-220/12-25 KV transformer in plastic casing for wall mounting with a built-in switch. The casing is equipped with a light indicator.
- For overload protection the transformer is equipped with a replaceable melting fuse.

Modifications and options



KV – equipped with a pull cord switch.



KT – equipped with a regulated timer with the operating time from 2 to 30 minutes.



KTH – equipped with a timer with the operating time from 2 to 30 minutes and a humidity sensor with the threshold value from 60 to 90 %.



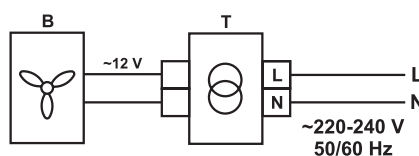
KTP – equipped with a regulated timer and a motion sensor with the sensitivity area from 1 to 4 m and the detection angle up to 100°.

Mounting

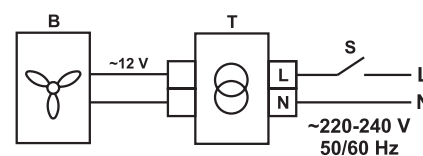
- Transformer is designed for indoor installation in areas not subjected to high humidity and temperature influence.
- Transformer is designed for wall mounting. Provide sufficient air circulation for cooling of the internal circuits.
- Observe the applicable fire safety requirements while installation and operation. Do not install transformers above heating equipment.

Technical data

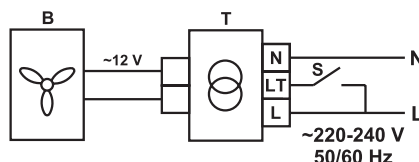
	TRF-220/12-25 K
Voltage [V] at 50 Hz	1~ 230
Output voltage [V] / 50 Hz	12
Max. load power, no more	16 (25VA)
Maximum load current [A]	2.0
Overall dimensions LxBxH [mm]	80x162x63
Maximum ambient temperature [°C]	+40
Protection	IP30
Weight [kg]	0.85



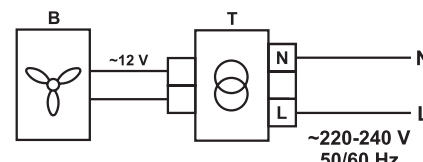
TRF-220/12-25 K



TRF-220/12-25 KV



TRF-220/12-25 KT / KTH



TRF-220/12-25 KTP

Transformer wiring diagrams

B – low voltage fan, 12 V;
 T – protective transformer;
 S – external switch.