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## TR-12

Mains transformer



**Do not dispose of this device in the trash along with other waste!**

According to the Law on Waste, electro coming from households free of charge and can give any amount to up to that end point of collection, as well as to store the occasion of the purchase of new equipment (in accordance with the principle of old-for-new, regardless of brand). Electro thrown in the trash or abandoned in nature, pose a threat to the environment and human health.



### Purpose

TR-12 is used to supply electrical and electronic devices that do not require a stable, filtered supply voltage independent of changes in the network voltage.

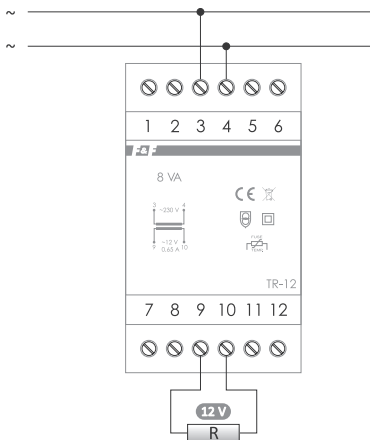
### Functioning

TR-12 has a single, electronic thermal fuse that protects the transformer against exceeding the temperature of 115°C.

### Mounting

1. Turn off the power.
2. Connect the mains cables to the input terminals (3-4) of the transformer.
3. Connect the receiver to the output terminals (9-10) of the transformer.

## Wiring diagram



For complete protection of the receiver, it is recommended to connect an additional 1.5 A overcurrent protection (e.g. BZ-1 fuse module) on the secondary side.

## Technical data

power supply	230 V AC
output voltage	12 V AC
	14.3 V AC for $I_o = 0$
maximum load current (AC-1)	0.66 A
output power	8 VA
thermal protection	thermal fuse, single
terminal	2.5 mm <sup>2</sup> screw terminals (cord) 4.0 mm <sup>2</sup> screw terminals (wire)
tightening torque	0.5 Nm
working temperature	-10÷40°C
dimensions	3 modules (52.5 mm)
weight	325 g
mounting	on TH-35 rail
ingress protection	IP20

## Warranty

The F&F products are covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealer or directly with us.

## CE declaration

F&F Filipowski sp. j. declares that the device is in conformity with the essential requirements of The Low Voltage Directive (LVD) 2014/35/EU and the Electromagnetic Compatibility (EMC) Directive 2014/30/UE.

The CE Declaration of Conformity, along with the references to the standards in relation to which conformity is declared, can be found at [www.fif.com.pl](http://www.fif.com.pl) on the product page.

**«F&F»<sup>®</sup>**