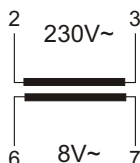


MAINS TRANSFORMER

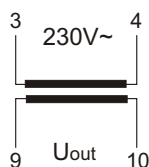
PURPOSE

Application: power supply of electrical and electronic devices which do not require a stable and properly filtered supply voltage, regardless of mains voltage fluctuations.

TR-08



**TR-12
TR-24**



| TYP | OUT SUPPLY. | CURRENT | POWER |
|-------|-------------|---------|-------|
| TR-08 | 8V | 1A | 8VA |
| TR-12 | 12V | 0,66A | 8VA |
| TR-24 | 24V | 0,5A | 12VA |

ATTENTION!

The transformer system has an incorporated PTC posistor which offers overcurrent protection.

In order to complete the receiver's safety solutions, it is recommended to include an additional overcurrent protection in series connection (e.g. the BZ-1 safety fuse module) on the secondary side.

Protection class: 1,5A for TR-08; 1A for TR-12; 800mA for TR-08

| | |
|---------------------|------------------------------------|
| supply | 230V AC |
| efficiency | 85% |
| working temperature | -10÷45°C |
| dimensions | TR-08 2 modules (35mm) |
| | TR-12 3 modules (52,5mm) |
| | TR-24 3 modules (52,5mm) |
| weight | TR-08 271g |
| | TR-12 325g |
| | TR-24 433g |
| connection | screw terminals 2,5mm ² |
| fixing | on rail TH-35 |

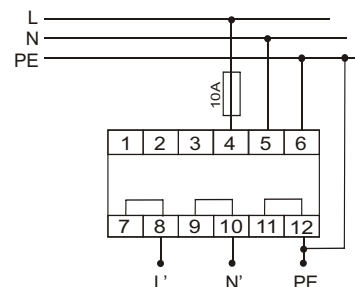
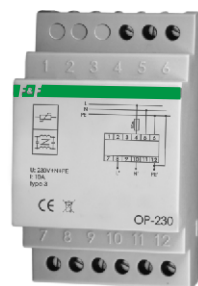
19. OVERVOLTAGE PROTECTOR

type 3 (early D-class) with a triple interference filter

OP-230

PURPOSE

protection of electronic devices, i.e. computers, PLCs, microprocessor systems, etc. against electromagnetic disturbance and overvoltage in the electrical system.



ATTENTION!

The system is to be secured with a fuse of <10 A but only if the capacity of other fuses downstream in relation to the protector exceed 10 A.

| | |
|---|------------------------------------|
| standard no | IEC 61643-1:2001 |
| protection class | D |
| rated voltage | 230V |
| rated current | 10A |
| rated frequency | 50Hz |
| maximum stable working voltage | 255V |
| overvoltage protection level L•Novervoltage | <1,25kV |
| protection level L(N)•PE | <1,5kV |
| operating time | <25ns |
| additional protection | 10A gL/gG lub C10A |
| inductans | 1mH na tor |
| leakage current | 0,5mA |
| capacitance L•N | 880nF |
| capacitance L(N)•PE | 2,2nF |
| electromagnetic interference damping capacity | >85dB |
| terminal | screw terminals 2,5mm ² |
| working temperature | -25÷50°C |
| dimensions | 3 modules (52,5mm) |
| weight | 170g |
| fixing | on rail TH-35 |