Safety Transformer

DIN rail mountable
Absolutely short-circuit proof
Can be installed before the safety relay
Cast and consequently no noise
Double insulated with terminal cover
Low consumption and heat generation
230/24 VAC – 4.8 VA

Application

The safety transformer is used for supplying utility meters and remote reading equipment in both houses and industrial environments.

The transformer can be installed in distribution panels with a DIN rail and separately on a plane surface by means of enclosed brackets.

Sealable terminal covers are enclosed as well. Further capsuling is therefore not necessary, when installing the transformer into the distribution panel.

The safety transformer is extremely service friendly and reduces the personal risk in connection with mains supply of consumption meters and remote reading equipment.
Technical data

**Electrical data**
- Primary voltage: 230 VAC, 50 Hz
- Secondary voltage: ≤ 25 VAC unloaded, ≥ 23 VAC loaded with 0.1 A
- Max. load: 0.2 A
- Max. power: 4.8 VA
- Insulation voltage: 4 kV between primary and secondary voltage
- Absorbed power: Max. 1.7 W when supplying a MULTICAL®
- Yearly consumption: 15 kWh when supplying a MULTICAL®
- Short-circuit protection: Absolutely short-circuit proof by means of PTC fuse
- Short circuit current: < 2.5 A
- Safety standards: Meets EN 60742 and VDE 0551

**Mechanical data**
- Protection class: IP 40
- Width: 35.8 mm
- Height: 61 mm (including DIN rail)
- Length: 127 mm (including terminal covers)
- Weight: 480 g
- Casting colour: Grey, RAL 7035
- Casing material: Unbreakable and self-extinguishing plastic
- Terminals: Max. 2.5 mm² cable
- Torque: Ca. 0.5 Nm

**Installation requirements**

Only to be installed by an authorised electrician and only in accordance with the regulatory requirements in force. National safety requirements must be followed during installation. If the transformer is connected before a safety relay the primary connections must be installed with intrinsic protection against short circuits.

Secondary connection ≥ 0.5 mm².

**Dimentional drawing and electric connection**

**Order specification**

Type 66-99-403