

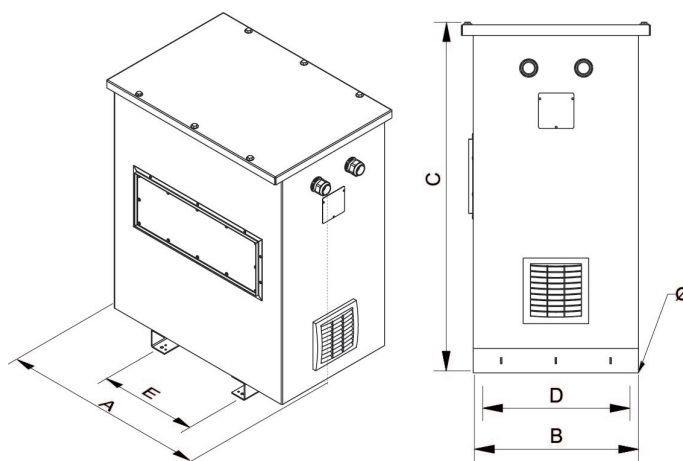
Three-phase to single-phase dry-type isolation finished in anti-flash varnished in IP54/65 metal enclosure with protection for outdoor installation.



## Technical characteristics

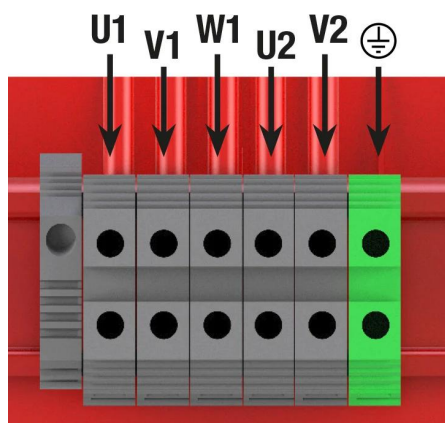
|                     |  |
|---------------------|--|
| Rating              | 50 kVA   |
| Input voltage       | 400 V  |
| Output voltage      | 230 V  |
| Frequency           | 50/60 Hz                                       |
| Connection group    | V/ inV   |
| Protection degree   | IP-54/65 - IK-10                               |
| Cover               | Metal enclosure RAL 7035 (cat. C4 ISO 12994-2) |
| Cooling             | ANAN   |
| Ambient temperature | 45 °C  |
| Temperature rise    | Class H  |
| Insulation          | Class H - 180°C                                |
| Windings            | Class HC - 200 °C                              |
| Test voltage        | 3 kV (1 min, 50 Hz)                            |
| Standards           | IEC/EN/UNE-EN 60076, CE                        |
| Includes            | Silent blocks                                  |
| Weight              | 523 kg   |

## Dimensions



Dimensions (AxBxCxDxE): 970x625x1150x500x426 mm 12Ø

## Electrical connection



Three-phase to single-phase dry-type isolation finished in anti-flash varnished in IP54/65 metal enclosure with protection for outdoor installation.

## Features

Dry type transformer

Dipped in anti-flash varnish and then compacted in the oven. This process increases the insulation grade, reduces noise and provides anti-moisture, waterproofed protection.

Metalic box IP-65 up to 16 kVA and IP-54 as from 20 kVA (for IP-65 degree consult us) enclosure painted with Polyester resin RAL 7035 (cat. C4 ISO 12994-2).

Inverted V/v connection.

Includes lifting eyebolts.

Possibility of tailor-made manufacturing.

## Applications

- TTK transformers are used for the galvanic isolation of electrical installations for safety reasons.
- TThe TTK series with three-phase input and single-phase output are used to achieve a better balance of the primary currents than by connecting only one phase and one neutral of a three-phase line.
- With the three-phase transformer it is also possible to connect a single load of up to half the mains rating.
- In installations where many single-phase loads have to be connected to the same line, the three-phase transformer can also help to make more rating available on that line.

Available accessories

- Protections in primary and secondary.
- One, two and up to 3 electrostatic screens.
- Class II
- Wheels.
- PT100, PTC or Bimetallic probes.
- Painting C5.
- Different RAL.
- Temperature control unit
- Anti condensation system
- Different IP up to IP-65

CE certificate

- **Certificado CE.**