

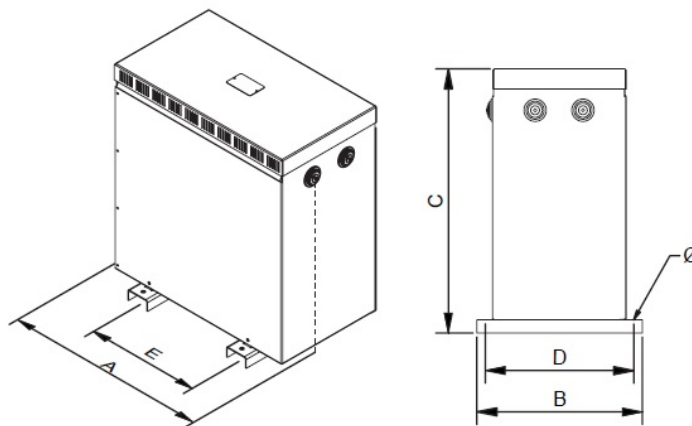
Single-phase dry-type isolation transformers finished in anti-flash varnished in IP23 metal enclosure with protection to prevent direct contact with electrical parts.



## Technical characteristics

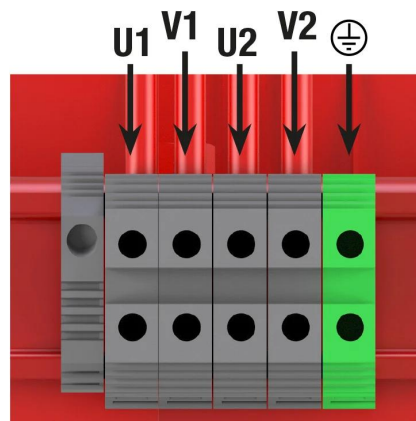
|                     |  |
|---------------------|--|
| Rating              | 25 kVA   |
| Input voltage       | 230 V  |
| Output voltage      | 230 V  |
| Frequency           | 50/60 Hz                                       |
| Protection degree   | IP-23 / IK-08                                  |
| Cover               | Metal enclosure RAL 7035 (cat. C3 ISO 12994-2) |
| Cooling             | ANAN   |
| Ambient temperature | 45 °C  |
| Temperature rise    | Class F - 155°C                                |
| Insulation          | Class H - 180 °C                               |
| Windings            | Class HC - 200 °C                              |
| Test voltage        | 3 kV (1 min, 50 Hz)                            |
| Standards           | IEC/EN/UNE-EN 61558, CE                        |
| Weight              | 135 kg   |

## Dimensions



Dimensions (AxBxCxDxE): 528x418x644x375x345 mm 12Ø

## Electrical connection



Single-phase dry-type isolation transformers finished in anti-flash varnished in IP23 metal enclosure with protection to prevent direct contact with electrical parts.

## Features

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Dry type transformer

Anti-flash varnish finish, offering:

- Protection against corrosive environments
- Increase of electrical isolation
- High compression capacity
- Reduction of noise level
- Increase of product's lifespan

Metalic box IP-23 enclosure painted with Polyester resin RAL 7035 (cat. C3 ISO 12994-2)

Safety class I

Includes lifting eyebolts from >10 kVA

Possibility of tailor-made manufacturing

## Applications

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- TK transformers are used for the galvanic isolation of single-phase installations in the industrial and tertiary sectors for safety reasons.
- They are also used in the generation of ground referenced neutrals in high rating single-phase installations.
- On the other hand, in installations where there may be several earth leakages, TK transformers ensure supply by preventing the tripping of the main differential circuit breaker.
- To change the neutral regime of the installations, being able to go from a two-phase network to a single-phase network or vice versa (this case implies the generation of the artificial neutral).
- In installations where there may be small voltage peaks or with a certain level of electrical noise, the use of a transformer helps to improve the quality of the electrical network in its secondary.
- In outdoor installations where weather conditions are adverse, the TKZ version with IP-54 external enclosure offers an optimal solution.

Available accessories

- PT100 probe.
- PTC probe.
- Bimetallic probe.
- Temperature control unit

## Downloads

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- [Obtaining a neutral - Bridge configuration TK \(PH+N output\).](#)
- [Installation and maintenance manual.](#)
- [CE Certificate.](#)