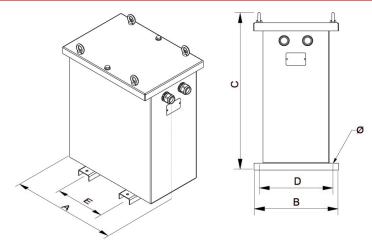
Single-phase dry-type isolation transformers finished in anti-flash varnished in IP54/65 metal enclosure with protection for outdoor installation.



### **Technical characteristics**

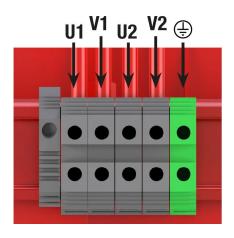
Rating	16 kVA
Input voltage	230 V
Output voltage	230 V
Frequency	50/60 Hz
Protection degree	IP-65 / IK-10
Cover	Metal enclosure RAL 7035 (cat. C4 ISO 12994-2)
Cooling	ANAN
Ambient temperature	45 ºC
Temperature rise	Class F - 155 <u>°</u> C
Insulation	Class H - 180 <b>º</b> C
Windings	Class HC - 200 ºC
Test voltage	3 kV (1 min, 50 Hz)
Standards	IEC/EN/UNE-EN 61558, CE
Includes	Silent blocks
Weight	144 kg

# **Dimensions**



Dimensions (AxBxCxDxE): 745x413x735x370x350 mm 11 $\phi$ 

## **Electrical connection**







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

#### **Features**

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-65 up to 20kVA and IP-54 as from 25kVA (for IP-65 degree consult us) enclosure painted with Polyester resin RAL 7035 (cat. C4 ISO 12994-2)

Safety class I

Includes lifting eyebolts from >10 kVA

Possibility of tailor-made manufacturing

## **Applications**

- 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**

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