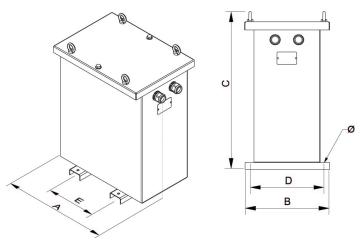
Three-phase dry type ecological isolation transformers with high performance finished in anti-flash varnished in IP54/65 metal enclosure with protection for outdoor installation.



Technical characteristics

Rating10 kVAInput voltage400 VOutput voltage400 VFrequency50/60 HzConnection groupYyn0CoverMetal enclosure RAL 7035 (cat. C4 ISO 12994-2)Protection degreeIP-65 / IK-10CoolingANANAmbient temperature459CInsulationClass F - 1559CInsulationClass H - 1809CVindingsClass HC - 200 9CInrush current< 8InVoltage drop< 2 %Efficiency (%)97,7Noise level (dB)< 45Test voltageIEC/EN/UNE-EN 61558, CEWeight130 kg	l'étélinéeat entaitaétel	
Number of the second	Rating	10 kVA
Frequency50/60 HzConnection groupYyn0CoverMetal enclosure RAL 7035 (cat. C4 ISO 12994-2)Protection degreeIP-65 / IK-10CoolingANANAmbient temperature459CTemperature riseClass F - 1559CInsulationClass H - 1809CWindingsClass H C - 200 9CInrush current< 8In	Input voltage	400 V
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CoverMetal enclosure RAL 7035 (cat. C4 ISO 12994-2)Protection degreeIP-65 / IK-10CoolingANANAmbient temperature45ºCTemperature riseClass F - 155ºCInsulationClass H - 180ºCWindingsClass H - 200 ºCInrush current< 8ln	Frequency	50/60 Hz
Cover12994-2)Protection degreeIP-65 / IK-10CoolingANANAmbient temperature459CTemperature riseClass F - 1559CInsulationClass H - 1809CWindingsClass HC - 200 9CInrush current<8In	Connection group	Yyn0
CoolingANANAmbient temperature45ºCTemperature riseClass F - 155ºCInsulationClass H - 180ºCWindingsClass H - 200 ºCInrush current< 8In	Cover	
Ambient temperature45°CTemperature riseClass F - 155°CInsulationClass H - 180°CWindingsClass HC - 200 °CInrush current< 8ln	Protection degree	IP-65 / IK-10
Temperature riseClass F - 1559CInsulationClass H - 1809CWindingsClass HC - 200 9CInrush current< 8In	Cooling	ANAN
InsulationClass H - 180°CWindingsClass HC - 200 °CInrush current< 8In	Ambient temperature	45 <u>°</u> C
WindingsClass HC - 200 ºCInrush current< 8In	Temperature rise	Class F - 155ºC
Inrush current< 8InVoltage drop< 2 %	Insulation	Class H - 180ºC
Voltage drop< 2 %Efficiency (%)97,7Noise level (dB)< 45	Windings	Class HC - 200 ºC
Efficiency (%)97,7Noise level (dB)< 45	Inrush current	< 8In
Noise level (dB)< 45Test voltage3 kV (1 min, 50 Hz)StandardsIEC/EN/UNE-EN 61558, CE	Voltage drop	< 2 %
Test voltage3 kV (1 min, 50 Hz)StandardsIEC/EN/UNE-EN 61558, CE	Efficiency (%)	97,7
Standards IEC/EN/UNE-EN 61558, CE	Noise level (dB)	< 45
	Test voltage	3 kV (1 min, 50 Hz)
Weight 130 kg	Standards	IEC/EN/UNE-EN 61558, CE
	Weight	130 kg

Dimensions



Dimensions (AxBxCxDxE): 694x413x764x370x350 mm 11Ø

TTGZ10

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

Features

Dry type transformer All transformers are dipped in anti-flash varnish for increased insulation and compactness. Reduces long-term operating costs. Low temperature rise. Longer life than standard transformers. Prepared for higher ambient temperatures. Low connection peak. Lower noise level. Safety class I. Includes lifting eyebolts. Metalic box IP-65 up to 40kVA and IP-54 as from 50kVA (for IP-65 degree consult us) enclosure painted with Polyester resin RAL 7035 (cat. C4 ISO 12994-2). Possibility of tailor-made manufacturing.

Applications

- Circuit isolation, with the possibility of increasing or reducing the voltage.
- Reducing voltage drops in installations with long cable lengths. With the installation of a step-up transformer and a step-down transformer.
- In installations with a certain level of electrical noise, the TTG series helps to improve the electrical network quality in secondary.
- Changing the neutral system of an installation
- In installations where energy savings is critical, or where a lower connection peak is required such as renewable energy plants or high energy efficiency installations.

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

• Ecotransformer