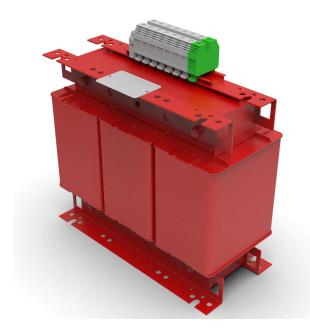
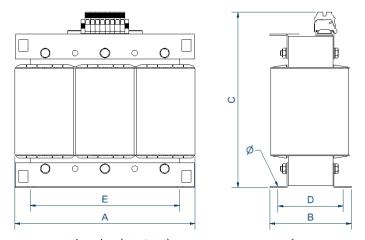
Three-phase dry type ecological isolation transformers with high performance finished in anti-flash varnished for maximum protection, insulation, noise and vibration reduction.



Technical characteristics

Rating 12,5 kVA Input voltage 400 V Output voltage 400 V Frequency 50/60 Hz Connection group Yyn0 Protection degree IP-00 Cooling AN Ambient temperature 45ºC Temperature rise Class F - 155ºC Insulation Class H - 180ºC Windings Class HC - 200 ºC Inrush current < 8In Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) < 45 Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE Weight		
Output voltage 400 V Frequency 50/60 Hz Connection group Yyn0 Protection degree IP-00 Cooling AN Ambient temperature 45°C Temperature rise Class F - 155°C Insulation Class H - 180°C Windings Class HC - 200 °C Inrush current < 8 In Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) < 45 Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Rating	12,5 kVA
Frequency Connection group Protection degree IP-00 Cooling AN Ambient temperature 45ºC Temperature rise Class F - 155ºC Insulation Class H - 180ºC Windings Class HC - 200 ºC Inrush current < 8 In Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Input voltage	400 V
Connection group Protection degree IP-00 Cooling AN Ambient temperature 45°C Temperature rise Class F - 155°C Insulation Class H - 180°C Windings Class HC - 200 °C Inrush current < 8 In Voltage drop < 2 % Efficiency (%) P7,4 Noise level (dB) Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Output voltage	400 V
Protection degree IP-00 Cooling AN Ambient temperature 45ºC Temperature rise Class F - 155ºC Insulation Class H - 180ºC Windings Class HC - 200 ºC Inrush current < 8 In Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) < 45 Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Frequency	50/60 Hz
Cooling AN Ambient temperature 45°C Temperature rise Class F - 155°C Insulation Class H - 180°C Windings Class HC - 200 °C Inrush current < 8 In Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Connection group	Yyn0
Ambient temperature Temperature rise Class F - 155ºC Insulation Class H - 180ºC Windings Class HC - 200 ºC Inrush current < 8 In Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Protection degree	IP-00
Temperature rise Class F - 155ºC Insulation Class H - 180ºC Windings Class HC - 200 ºC Inrush current < 8 In Voltage drop < 2 % Efficiency (%) P7,4 Noise level (dB) Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Cooling	AN
Insulation Class H - 180ºC Windings Class HC - 200 ºC Inrush current < 8 In Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Ambient temperature	45 <u>°</u> C
Windings Class HC - 200 °C Inrush current < 8 In Voltage drop < 2 % Efficiency (%) Noise level (dB) Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Temperature rise	Class F - 155 <u>°</u> C
Inrush current < 8In Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) < 45 Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Insulation	Class H - 180ºC
Voltage drop < 2 % Efficiency (%) 97,4 Noise level (dB) < 45 Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Windings	Class HC - 200 ºC
Efficiency (%) 97,4 Noise level (dB) < 45 Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Inrush current	< 8In
Noise level (dB) < 45 Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Voltage drop	< 2 %
Test voltage 3 kV (1 min, 50 Hz) Standards IEC/EN/UNE-EN 61558, CE	Efficiency (%)	97,4
Standards IEC/EN/UNE-EN 61558, CE	Noise level (dB)	< 45
	Test voltage	3 kV (1 min, 50 Hz)
Weight 90 kg	Standards	IEC/EN/UNE-EN 61558, CE
	Weight	90 kg

Dimensions



Dimensions (AxBxCxDxE): 420x170x419x136x350 mm 11 ϕ



Three-phase dry type ecological isolation transformers with high performance finished in anti-flash varnished for maximum protection, insulation, noise and vibration reduction.

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

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