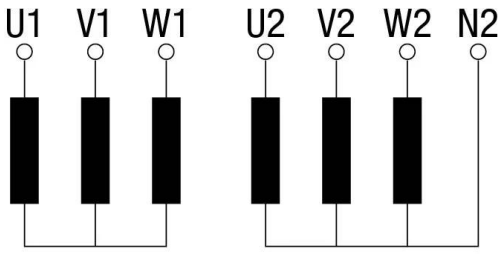
TTZ3.15 | TTZ THREE-PHASE ISOLATION TRANSFORMERS

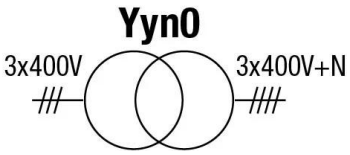
Three-phase dry type isolation transformers finished in anti-flash varnished in IP54/65 metal enclosure with protection for outdoor installation.

Technical characteristics

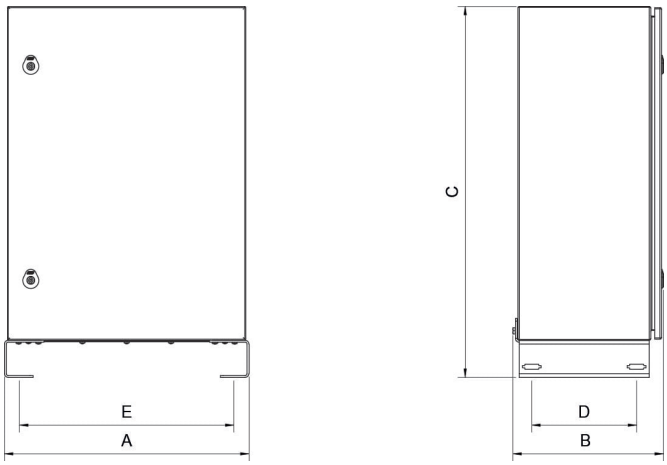
Rating	3,15 kVA
Input voltage	400 V
Output voltage	400 V+N
Frequency	50/60 Hz
Connection group	Yyn0
Cover	Metal enclosure RAL 7035 (cat. C4 ISO 12994-2)
Protection degree	IP65 - IK-10
Cooling	ANAN
Ambient temperature	45 ºC
Temperature rise	Class F - 155ºC
Insulation	Class H - 180ºC
Windings	Class HC - 200 ºC
Efficiency (%)	95,5
Noise level (dB)	< 45
Test voltage	3 kV (1 min, 50 Hz)
Standards	IEC/EN/UNE-EN 61558, CE UL 5085-1 / UL 5085-2 CAN/CSA C22.2 No 66.1-06, CAN/CSA C22.2 No 66.2-06
Certifications	UL RECOGNIZED - CONSTRUCTION ONLY - Component FILE: E532753
Includes	Silent blocks
Weight	65 kg

Electric scheme



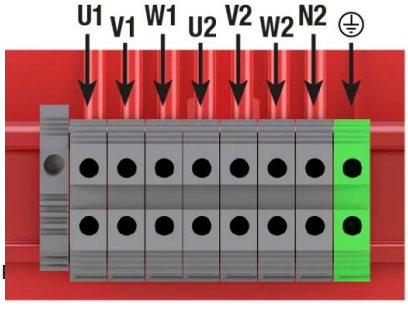


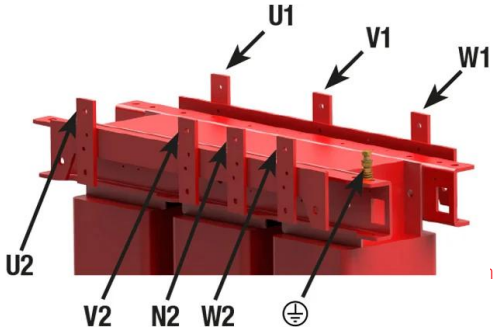
Dimensions



Dimensions (AxBxCxDxE): 513x316x778x220x450 mm 13Ø

Electrical connection





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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

IP-65 up to 31,5kVA and IP-54 as from 40kVA (for IP-65 degree consult us) enclosure, metal enclosure painted with polyester resin RAL 7035 (cat. C4 ISO 12994-2).
Safety class I.
Includes silent-blocks, lifting points from 8 kVA and cable glands for ratings from 8 up to 200 kVA.
Possibility of tailor-made manufacturing.

Applications

- TT transformers are used for insulation galvanic three-phase installations for reasons of security.
- They are also used in the generation of neutrals referenced to ground in single-phase installations of high power.
- In facilities where there may be small peaks of voltage or noise, the TT transformers help improve the quality of the signal that feeds the charges.
- On the other hand in facilities where there may be several leakage to ground, TT transformers ensure the supply avoiding the tripping of the differential switch general.

Available accessoires

- 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

- CE certificate.