**POLYLUX®**
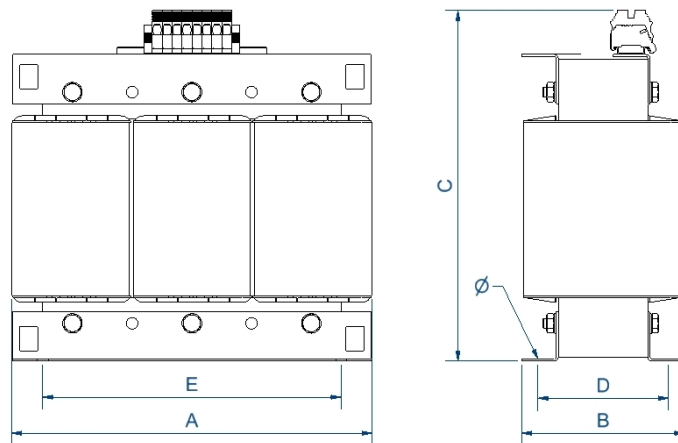
Three-phase dry type isolation transformers finished in anti-flash varnished for maximum protection, insulation, noise and vibration reduction.
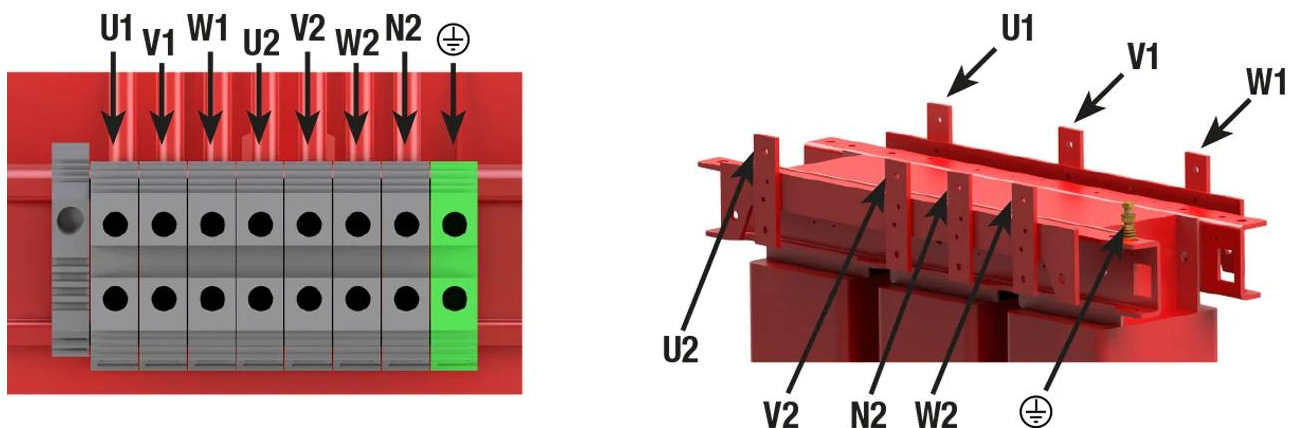
## Technical characteristics

| | |
|---|---|
| Rating | 10 kVA |
| Input voltage | 400 V |
| Output voltage | 400 V |
| Frequency | 50/60 Hz |
| Connection group | Yyn0 |
| Protection degree | IP-00 |
| Cooling | AN |
| Ambient temperature | 45 ºC |
| Temperature rise | Class F - 155ºC |
| Insulation | Class H - 180ºC |
| Windings | Class HC - 200 ºC |
| Efficiency (%) | 96,5 |
| Noise level (dB) | < 45 |
| Test voltage | 3 kV (1 min, 50 Hz) |
| Standards | IEC/EN/UNE-EN 61558, CE |
| Weight | 78 kg |

## Dimensions



Dimensions (AxBxCxDxE): 420x170x421x142x350 mm 11Ø

## Electrical connection

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

## 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

Safety class I.
Includes lifting eyebolts from <6,3 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.