

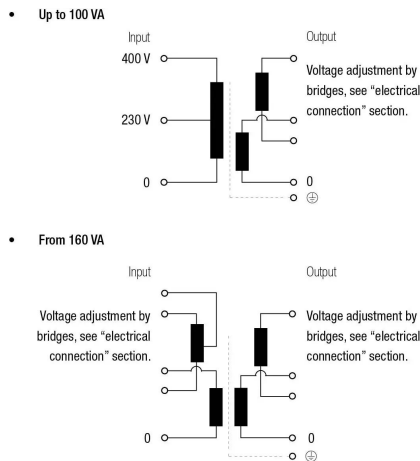
Single phase dry type control and isolation transformers, finished in anti-flash varnished in IP20 enclosure with protection to prevent direct contact with electrical parts.



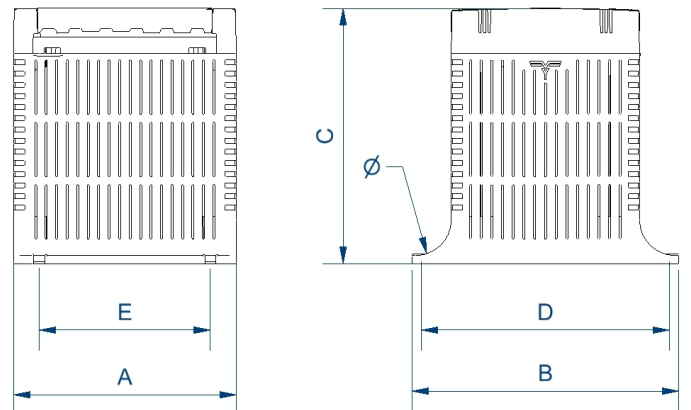
Technical characteristics

| | |
|---------------------|---|
| Rating | 1000 VA |
| Input voltage | 230/400/460 V |
| Output voltage | 115/230 V |
| Frequency | 50/60 Hz |
| Protection degree | IP-20 |
| Cooling | ANAN |
| Ambient temperature | 45 °C |
| Temperature rise | Class B - 130°C |
| Insulation | Class H - 180°C |
| Windings | Class HC - 200 °C |
| Test voltage | 4,6 kV (1 min, 50 Hz) pri-sec - 3,2 kV (1 min, 50 Hz) pri-earth - 2,5 kV (1 min, 50 Hz) sec-earth |
| Standards | IEC/EN/UNE-EN 61558, CE |
| Mounting | Screws |
| Weight | 9,6 kg |

Electric scheme



Dimensions



Dimensions (AxBxCxDxE): 136x162x180x146x104 mm 6Ø

Electrical connection



≥ 1250 VA

Input:

230 V

Connection: 1-4
Bridges: 1-2 / 3-4

400 V

Connection: 1-5
Bridges: 2-3

460 V

Connection: 1-4
Bridges: 2-3

Output:

Reference PC 24 V
Reference PD 115 V

Reference PC 48 V
Reference PD 230 V

Connection: 7-10
Bridges: 7-8 / 9-10

Connection: 7-10
Bridges: 8-9

Single phase dry type control and isolation transformers, finished in anti-flash varnished in IP20 enclosure with protection to prevent direct contact with electrical parts.

Features

Dry type transformer

IP-20 enclosure:

- Last generation V-0 fireproof polymer box according to UL94 up to 2500 VA.
- Metallic box painted with epoxi polyester from 3150 VA.

Safety Class I, convertible to Class II up to 2500 VA.

Includes LED functioning indicator.

Full rating at all outputs.

Voltage selection through metallic bridges (included).

Optional protection fuse (only 1 output) and big quantities.

Possibility of custom-made manufacturing.

Applications

- The P, Q and N transformers are specially designed to isolate and adapt voltages in control and operation applications in both domestic and industrial environments as well as in switchboards / panels.
- Another important application is the galvanic insulation of installations for safety reasons, as well as the generation of earth-referenced neutrals.

Available accessories

Downloads

- Bridge configuration for the series P, Q and N. Rating: 40 -100 VA. [Watch video](#)
- Bridge configuration for the series P, Q and N. Rating 160 - 5000 VA. [Watch video](#)
- [Obtaining a neutral - Bridge configuration PD \(PH+N output\).](#)
- [P and Q series User's Manual](#)
- [CE Certificate.](#)