

Single phase dry type ultra-isolation transformers, finished in anti-flash varnished in IP20 enclosure, resin filled with protection against direct contact with electrical parts and electrostatic screens (up to 2500 VA 1 screen or 2000 VA 3 screens).

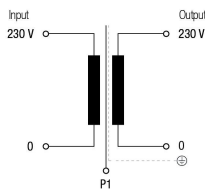


### Technical characteristics

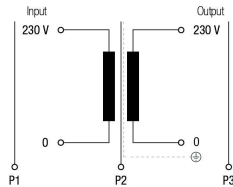
|                      |                                 |
|----------------------|---------------------------------|
| Rating               | 4000 VA                         |
| Input voltage        | 230 V                           |
| Output voltage       | 230 V                           |
| Electrostatic Screen | 3 (80 dB attenuation at 10 kHz) |
| 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 kV (1 min, 50 Hz)             |
| Standards            | IEC/EN/UNE-EN 61558, CE         |
| Mounting             | Screws                          |
| Weight               | 56,1 kg                         |

### Electric scheme

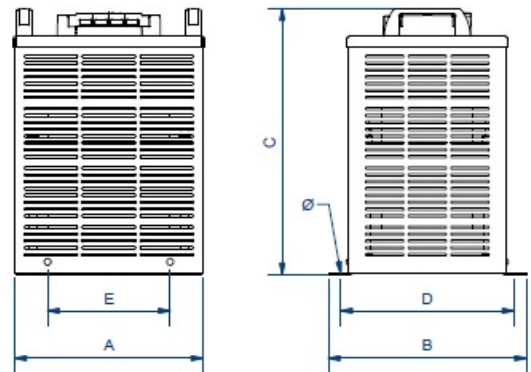
- With 1 electrostatic shield (PTU1P)



- With 3 electrostatic shield (PTU3P)



### Dimensions



Dimensions (AxBxCxDxE): 252x260x349x233x223 mm 7Ø

### Electrical connection



≥ 1000 VA

Input:  
230 V

Connection: 2-3

Output:  
230 V

Connection: 7-8

Electrostatic shield connection

PTU3P

Connection: 5 / 9 / 10

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## Features

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Dry type transformer.

IP-20 enclosure:

- Last generation V-0 fireproof polymer enclosure according to UL94 until 2500 VA (PTU1P) or 2000 VA (PTU3P).
- Metallic enclosure painted with epoxy polyester resin up to 3150 VA (PTU1P) or 2500 VA (PTU3P).

Safety Class I, convertible to Class II up to 2500 VA (PTU1P) or 2000 VA (PTU3P).

Includes LED functioning indicator and electrostatic screen (1 in PTU1P or 3 in PTU3P).

Possibility of custom-made manufacturing.

## Applications

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- The ultra-isolating transformers PTU are designed for environments with high electrical noise where shielding / electrostatic screen is needed to ensure a good signal quality.

## Available accessories

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## Downloads

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