

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).

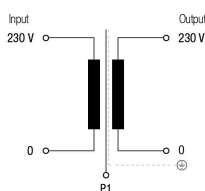


Technical characteristics

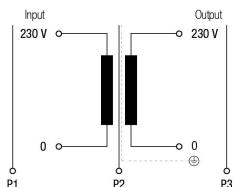
Rating	250 VA
Input voltage	230 V
Output voltage	230 V
Electrostatic Screen	1 Screen (65 dB attenuation at 10 kHz)
Frequency	50/60 Hz
Protection degree	IP-20
Cooling	ANAN
Ambient temperature	45°C
Temperature rise	Class B - 130°C
Insulation	Class H - 180°C
Windings	Class HC - 200 °C
Test voltage	4 kV (1 min, 50 Hz)
Standards	IEC/EN/UNE-EN 61558, CE
Mounting	Screws and DIN Rail
Weight	3,6 kg

Electric scheme

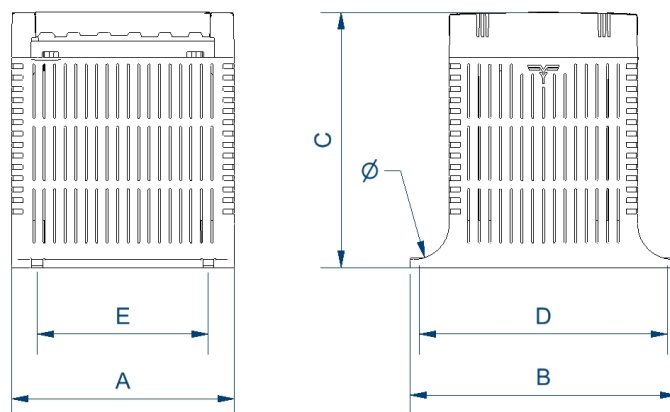
- With 1 electrostatic shield (PTU1P)



- With 3 electrostatic shield (PTU3P)

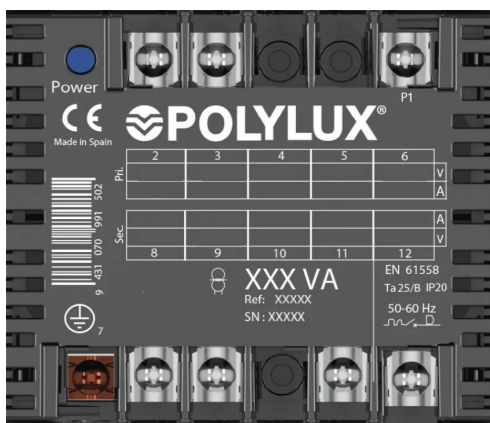


Dimensions



Dimensions (AxBxCxDxE): 106x123x122x111x74 mm 5Ø

Electrical connection



From 160 VA to 1000 VA

Input: 230 V | Connection: 2-3

Output: 230 V | Connection: 8-9

Electrostatic shield connection
PTU1P | Connection: 11

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Features

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

- 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

Downloads
