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

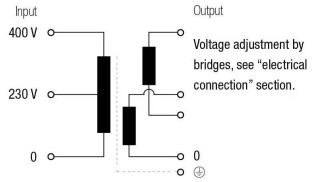


Technical characteristics

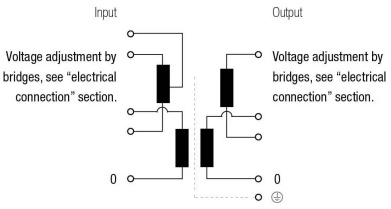
Rating	250 VA
Input voltage	230-400-460 V
Output voltage	24-48 V
Frequency	50/60 Hz
Protection degree	IP-20
Cooling	ANAN
Ambient temperature	45 ºC
Temperature rise	Class B - 130ºC
Insulation	Class H - 180ºC
Windings	Class HC - 200 ºC
Test voltage	4,6 kV (1 min, 50 Hz) pri-sec - 3,2 kV (1 min, 50 Hz) pri-earth - 2,5 kV (1 min, 50 Hz) sec-earth
Standards	IEC/EN/UNE-EN 61558, CE 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
Mounting	Screws and DIN Rail
Weight	3,7 kg

Electric scheme

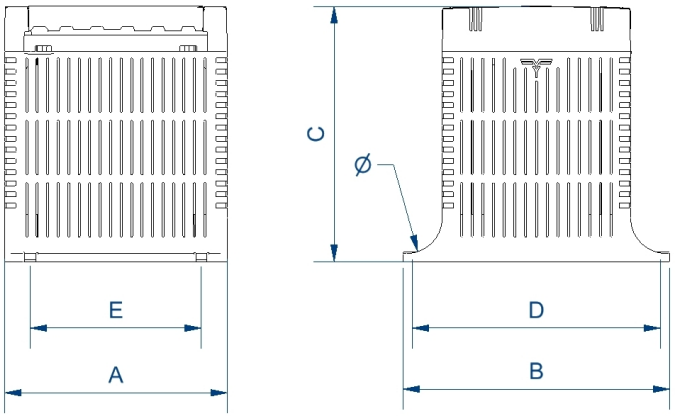
- **Up to 100 VA**



- **From 160 VA**

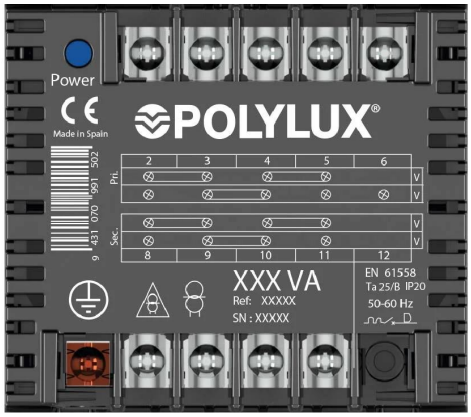


Dimensions



Dimensions (AxBxCxDxE): 106x123x122x110x74 mm 6Ø

Electrical connection



From 160 VA to 1000 VA

Input:		Output:	
230 V	Connection: 2-5 Bridges: 2-3 / 4-5	Reference PB 12 V Reference PC 24 V Reference PD 115 V	Connection: 8-11 Bridges: 8-9 / 10-11
400 V	Connection: 2-6 Bridges: 3-4	Reference PB 24 V Reference PC 48 V Reference PD 230 V	Connection: 8-11 Bridges: 9-10
460 V	Connection: 2-5 Bridges: 3-4		

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Single phase dry type safety transformers, finished in anti-flash varnished in IP20 metal 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.