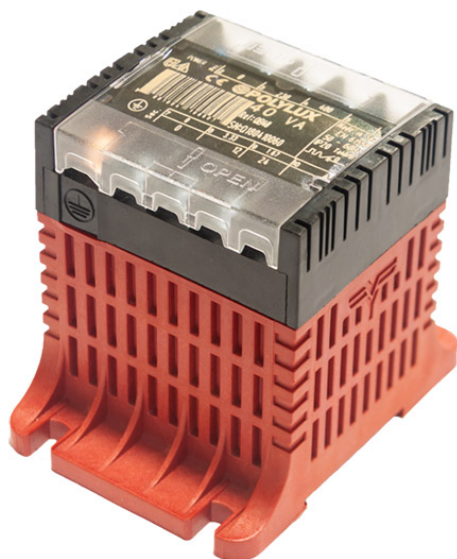# 1. Single phase isolating transformers

P | Q | IP FAMILY > QD315

POLYLUX

Features

Dry type cast resin transformer

Advantages of resin technology:

- Protection against corrosive environments
- Protection against high vibration levels
- Protection against electrodynamic efforts
- Reduction of noise level
- Increase of product's lifespan

IP-20 enclosure:

- Last generation V-0 fireproof polymer box according to UL94 up to 2500 VA
- Polyester resin from 1250 VA

Safety class I, convertible in class II up to 1000 VA

Includes LED functioning indicator

Full power capacity in every conection

Voltage selection through matallic bridges (included)

Possibility of tailor-made manufacturing

Technical Characteristics

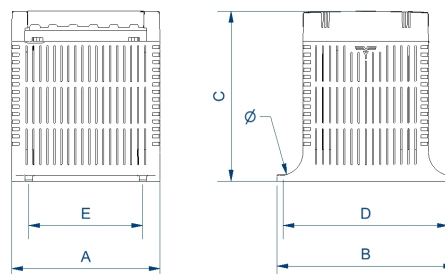|	
Rating	315 VA
Input voltage	230/400/460 V
Output voltage	115/230 V
Frequency	50/60 Hz
Protection degree	IP-20
Cooling	ANAN
Ambient temperature	40ºC
Temperature rise	Class B
Insulation	Class B - 130ºC
Windings	Class HC - 220ºC
Test voltage	4,6 kV (1 min, 50 Hz) pri-sec - 3,2 kV (1 min, 50 Hz) pri-earth - 2,5 kV (1 min, 50 Hz) sec-earth
Standards	IEC/EN/UNE-EN 61558, CE
Mounting	Screws
Weight	5 kg
Dimensions	118x138x131x121x88 mm 6Ø

Applications

The transformers P, Q and N are especially designed to adapt voltages in applications of maneuver and control in both domestic and industrial as well as in electrical cabinets.

Another important application is the galvanic isolation of facilities for safety reasons, as well as the generation of neutrals referenced to earth.

Thanks to the resin, the Q Series transformers are the optimal solution for areas with a temperature elevated environment and humid areas with high degrees of corrosion and dust.

Areas with high levels of vibrations.

+ Info www.polylux.com

Productos equivalentes