

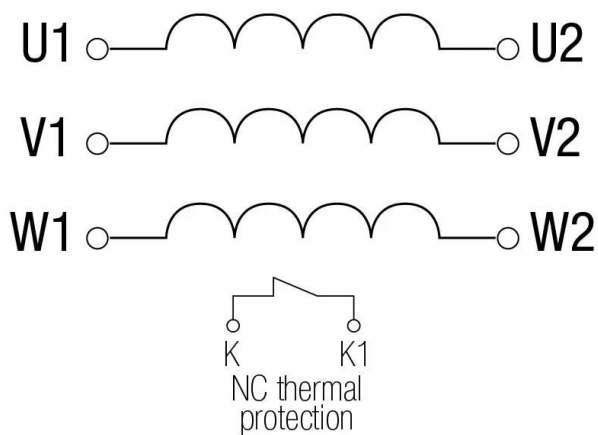
Three-phase cast resin line reactors for harmonic filtering with bimetal over-temperature protection.



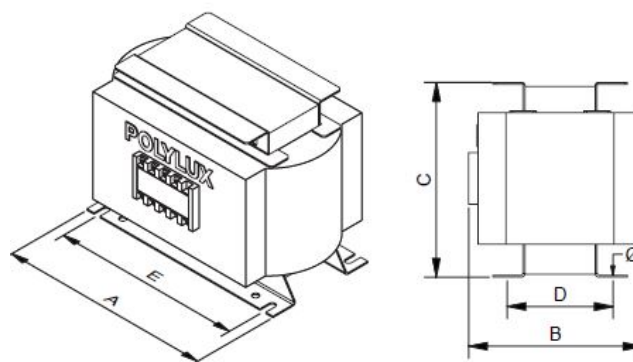
Technical characteristics

Rated current	80 A
Motor rating	37 kW / 50 CV
Line voltage	380 - 460 V
Reactor	0,368 mH (50 Hz)
Voltage drop	4% (50 Hz)
Thermal overload factor	0,05
Frequency	50/60 Hz
Protection degree	IP-20
Cooling	AN
Ambient temperature	45 °C
Temperature rise	Class F - 155°C
Insulation	Clase H - 180 °C
Windings	Class HC - 200 °C
Test voltage	3 kV (1 min, 50 Hz)
Standards	IEC/EN/UNE-EN 60076-6, CE
Mounting	Screws
Includes	Bimetal thermal protection
Weight	20,1 kg

Electric scheme



Dimensions



Dimensions (AxBxCxDxE): 280x190x205x115x250 mm 90°

Three-phase cast resin line reactors for harmonic filtering with bimetal over-temperature protection.

Features

Reactor

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

Safety class I

Includes thermal protection against overtemperatures

Possibility of tailor-made manufacturing

Technical remarks about the use of line reactors:

- Reduction of the current harmonics generated by the equipment, reducing current consumption and improving power factor
- Reduction of the peak factor of the current wave, increasing equipment's lifespan
- Attenuation of the microcuts of the feeding voltage produced by the converter, source of the bad functioning of computers, robots and other equipments

Downloads
