

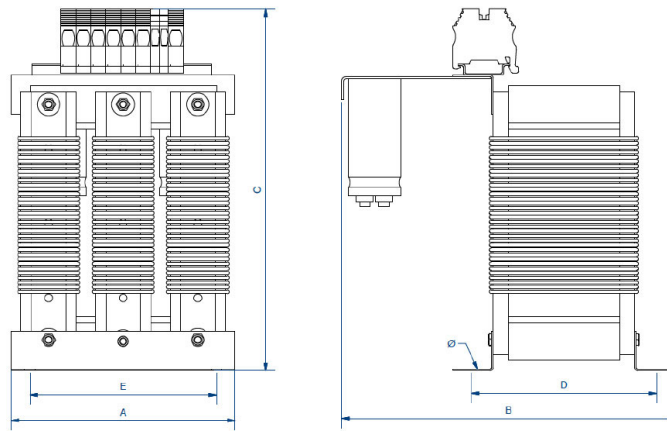
Three-phase inductors with capacitor filter for harmonic filtering at the converter output, with bimetal thermal protection against overtemperature, finished with resin and anti-flash varnished.



## Technical characteristics

Rated current	80 A
Motor rating	37 kW / 50 CV
Line voltage	380 - 460 V
Reactor	0,276 mH (50 Hz)
Voltage drop	3% (50 Hz)
Thermal overload factor	0,05
Frequency	50/60 Hz
Protection degree	IP-00
Cooling	AN
Ambient temperature	45 °C
Temperature rise	Class F - 155°C
Insulation	Class 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	27,6 kg

## Dimensions



Dimensions (AxBxCxDxE): 240x275x320x114x160 mm 6Ø

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## Features

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### Reactor

Anti-flash varnish finish, offering:

- Protection against corrosive environments
- Increase of electrical isolation
- High compression capacity
- Reduction of noise level
- Increase of product's lifespan

Maximum output voltage  $2U_n$  (800V)

Safety class I

Includes thermal protection against overtemperatures

Possibility of tailor-made manufacturing

Technical remarks about the use of line reactors:

- Attenuation of voltage peaks in the output of the converter, protecting against premature degradation of the dielectrical parts of the motor
- Reduction of the reflection effect due to the length of the cables between the converter and the motor. This effect amplifies voltage values in the terminals of the motor
- It is recommended to use these inductances for lengths over 50 m from the converter to the motor

## Downloads

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