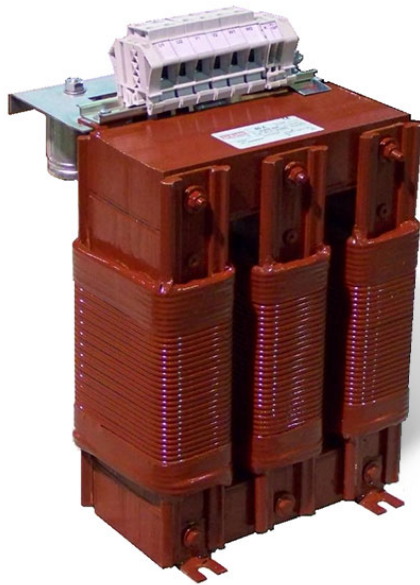


1. Reactors for harmonics filtering in three phase lines at the output of a converter

RTOX | FTOX FAMILY > FTOX2.5



Features

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

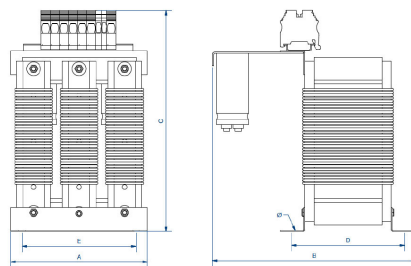
Technical remarks about the use of line reactors:

- 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

Technical Characteristics

Rated current	2,5 A
Motor rating	0,75 kW / 1 CV
Line voltage	380 - 460 V
Reactor	8,821 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	40°C
Temperature rise	Class F
Insulation	Class F - 155°C
Windings	Class HC - 220°C
Leakage current	3 kV (1 min, 50 Hz)
Standards	IEC/EN/UNE-EN 60076-6, CE
Mounting	Screws
Weight	2,3 Kg
Dimensions	150x180x185x49x100 mm 6Ø



+ Info www.polylux.com

Productos equivalentes