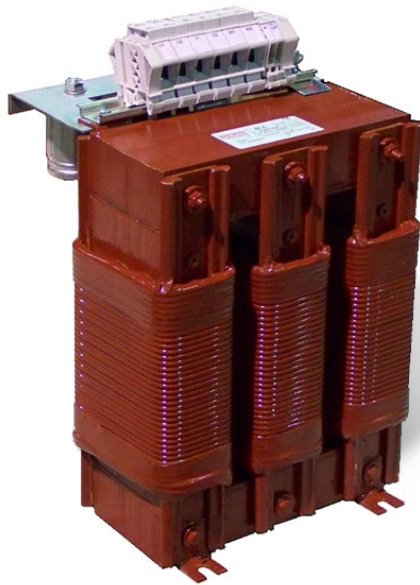


# 1. Reactors for harmonics filtering in three phase lines at the output of a converter

RTOX | FTOX FAMILY > FTOX6.3



## 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:

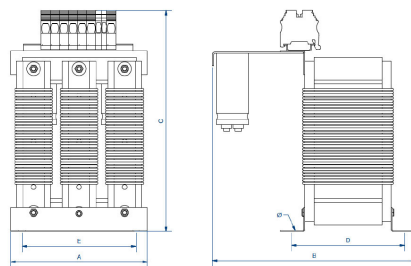
Attenuation of voltage peaks in the output of the converter, protecting against premature degradation of the dielectrical parts of the motor

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           | 6,3 A                     |
| Motor rating            | 2,2 kW / 3 CV             |
| Line voltage            | 380 - 460 V               |
| Reactor                 | 3,501 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                  | 3,7 Kg                    |
| Dimensions              | 150x190x185x59x100 mm 6Ø  |



+ Info [www.polylux.com](http://www.polylux.com)

Productos equivalentes