

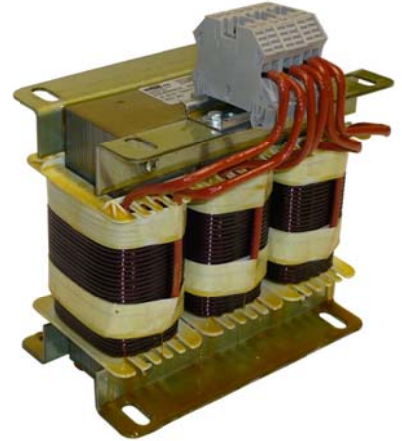
Three-phase induction motor reactors

All our reactors are **made to order**, with dimensions, implementations and options **made at the customer's request**.

- Three-phase induction motor reactors in accordance with standard IEC/EN 61558-2-20, EN 60289

Technical Specifications

- **Frequency:** 50..60 Hz
- **Ambient temperature:** 40°C
- **Thermal insulation class (depending on power):** F/H
- **Electrical protection class:** I
- **Degree of protection:** IP00
- **Magnetic core:** low core loss
- **Coating:** covered in class H varnish



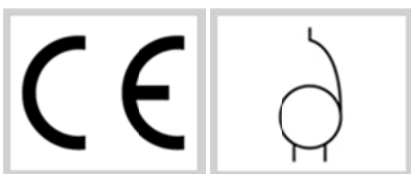
The three-phase induction motor reactors are connected in series to a three-phase asynchronous motor during the starting phase to reduce the inrush current absorbed by the motor.

They are designed to work for a very short time, followed by a long rest period.

The irregular service allows for the weights, dimensions and, consequently, production costs to be lower than components intended to operate in continuous service

For an accurate dimensional and economic evaluation of the three-phase induction motor reactors, the following parameters must be defined:

- Nominal power of the motor in HP o KW
- Nominal voltage of the motor
- Duration of start-up in seconds
- Number of starts now
- Reduction of the required current



CEI EN 61558-2-20
EN 60289