

Single-phase and Three-phase Reactors and Inductors

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

- Single-phase reactors in accordance with standard IEC/EN 61558-2-20
- Three-phase reactors in accordance with standard IEC/EN 61558-2-20

Technical Specifications

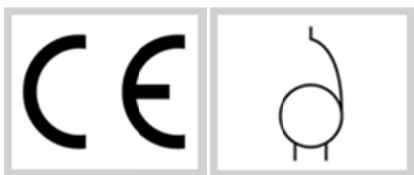
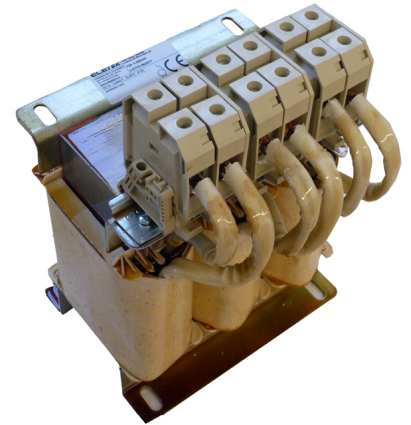
- **Service:** continuous
- **Frequency:** 50 Hz
- **Ambient temperature:** 40°C
- **Thermal insulation class (depending on power):** F / H
- **Electrical protection class:** I
- **Degree of protection:** IP00
- **Magnetic core:** low core loss
- **Coating:** covered in class H varnish

The single-phase reactors or inductors are used for:

- Reducing the harmonics fed into the network
- Evenly distributing the currents when using multiple rectifiers in parallel
- Eliminating harmonics in the filter circuits in conjunction with capacitors
- Levelling the current by reducing ripple in DC circuits

The three-phase reactors or inductors are used for:

- Reducing the harmonics fed into the network
- Insertion between drive and motor to improve the waveform of the voltage applied to the motor
- Series insertion of power factor correction capacitors to reduce the harmonics absorbed by them



CEI EN 61558-2-20