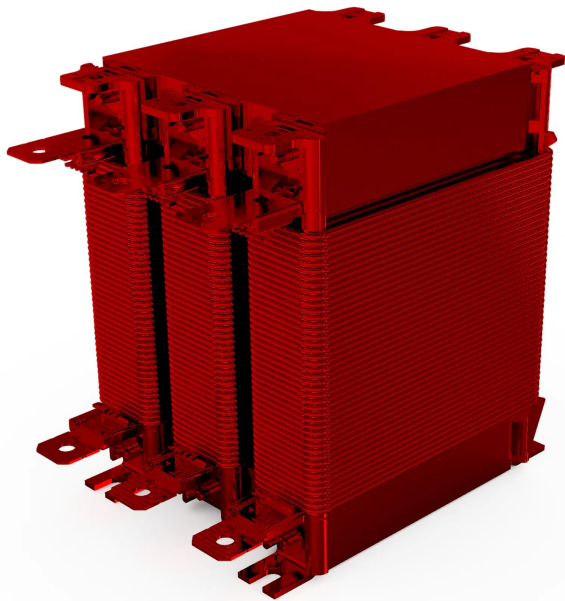


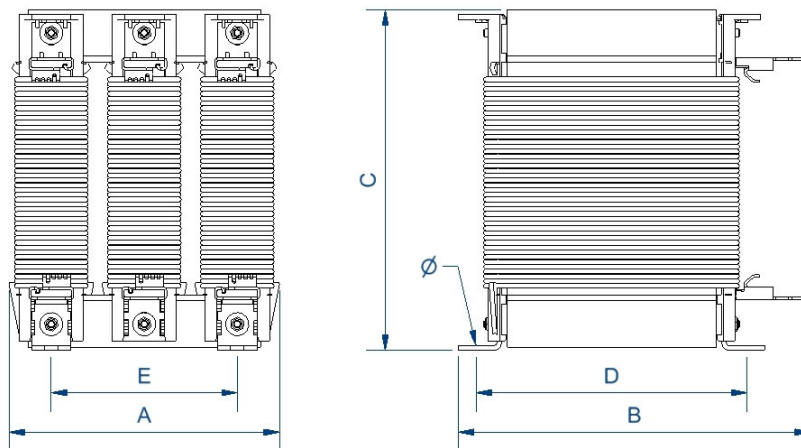
Three-phase blocking reactors with bimetal over-temperature protection, 5.67% filtering factor, resin finished and anti-flash varnished.



Technical characteristics

| | |
|-------------------------|-----------------------------|
| Line voltage | 400 V |
| Capacitor rating | 10 kvar (440 V, 50 Hz) |
| Effective rating | 8,7 kvar |
| Rated current | 12,6 A |
| Reactor | 3,4935 mH (50 Hz) |
| Inductance tolerance | 3% |
| Resonance frequency | 210 Hz (p 5,67%) |
| Harmonic currents | I3 - 6%, I5 - 56%, I7 - 19% |
| Thermal overload factor | 0,05 |
| Frequency | 50 Hz |
| Protection degree | IP-00 |
| Cooling | AN |
| Ambient temperature | 45°C |
| Temperature rise | Class F - 155°C |
| Insulation | Clase H - 180 °C |
| Windings | Class HC - 200 °C |
| Test voltage | 3 kV (1 min, 50 Hz) |
| Includes | Bimetal thermal protection |
| Standards | IEC/EN/UNE-EN 60076-6, CE |
| Mounting | Screws |
| Weight | 7,6 kg |

Dimensions



Dimensions (AxBxCxDxE): 150x155x185x100x100 mm 9Ø

Three-phase blocking reactors with bimetal over-temperature protection, 5.67% filtering factor, resin finished and anti-flash varnished.

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

Safety class I

Includes thermal protection against overtemperatures

Possibility of tailor-made manufacturing

Technical remarks about the use of detuned reactors:

- They avoid resonance between the feeding transformer's inductance and the capacitance of capacitors' bank
- They eliminate overvoltages and overcurrents either from the transformer and from the capacitors' bank
- They protect capacitors against harmonics avoiding early aging
- They limit conection peaks of the capacitors' bank increasing their lifespan and reducing microcuts in the feeding voltage

Downloads
