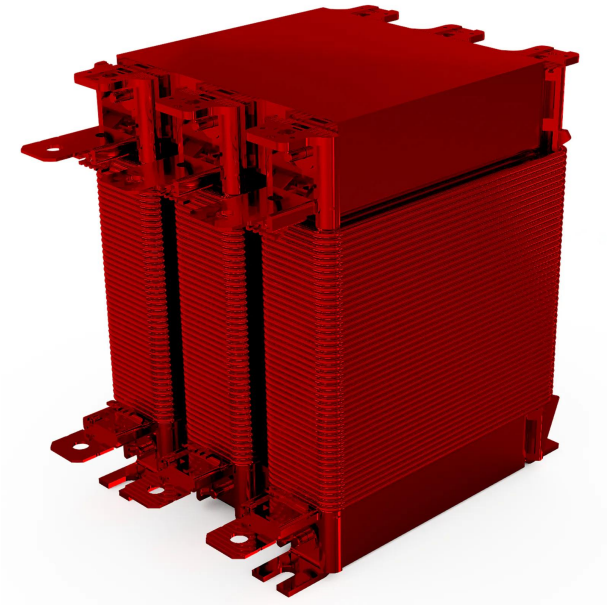
RTF14X25 | RTF14X THREE-PHASE BLOCKING REACTOR FOR CAPACITOR BANKS P=14%

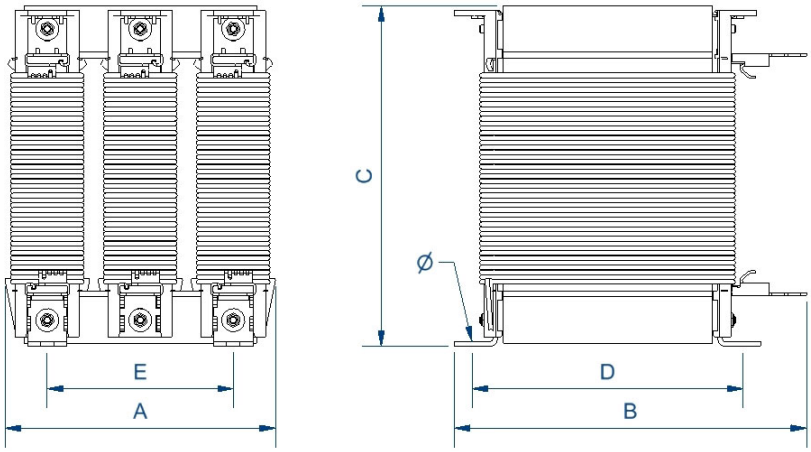
Three-phase blocking reactors with bimetal overtemperature protection, 14% filtering factor, resin finished and anti-flash varnished.



Technical characteristics

Line voltage	400 V
Capacitor rating	25 kvar (460 V, 50 Hz)
Effective rating	21,6 kvar
Rated current	25,6 A
Reactor	3,6957 mH (50 Hz)
Inductance tolerance	3%
Resonance frequency	134 Hz (p 14%)
Harmonic currents	I3 - 10%, I5 - 9%, I7 - 5%
Thermal overload factor	0,05
Frequency	50 Hz
Protection degree	IP-00
Cooling	AN
Ambient temperature	45ºC
Temperature rise	Class F - 155ºC
Insulation	Clase H - 180 ºC
Windings	Class HC - 200 ºC
Test voltage	3 kV (1 min, 50 Hz)
Includes	Bimetal thermal protection
Standards	IEC/EN/UNE-EN 60076-6, CE
Mounting	Screws
Weight	25,6 kg

Dimensions



Dimensions (AxBxCxDxE): 180x230x219,75x175x120 mm 9Ø

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Three-phase blocking reactors with bimetal overtemperature protection, 14% 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 fedding voltage

Downloads