

1. Three phase reactors for capacitor banks

RTF FAMILY > RTF14X12.5



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

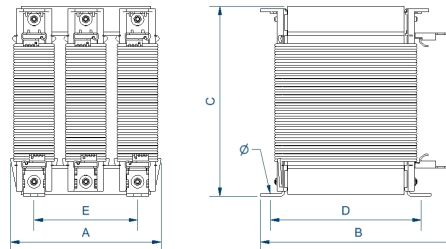
They eliminate overvoltages and overcurrents either from the transformer and from the capacitors' bank

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

Technical Characteristics

Line voltage	400 V
Capacitor rating	12,5 kvar (460 V, 50 Hz)
Effective rating	10,8 kvar
Rated current	12,7 A
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	45°C
Temperature rise	Class F
Insulation	Class F - 155°C
Windings	Class HC - 220°C
Test voltage	3 kV (1 min, 50 Hz)
Standards	IEC/EN/UNE-EN 60076-6, CE
Mounting	Screws
Weight	12,7 kg
Dimensions	180x160x220x105x120 mm 9Ø



+ Info www.polylux.com

Productos equivalentes