

1. Three phase reactors for capacitor banks

RTF FAMILY > RTF14X25



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

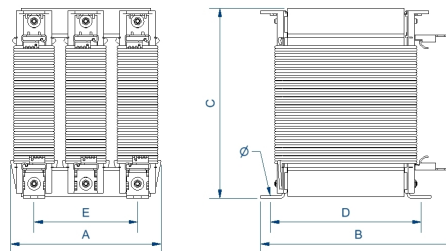
They eliminate overvoltages and overcurrents either from the transformer and from the capacitors' bank

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 | 25 kvar (460 V, 50 Hz) |
| Effective rating | 21,6 kvar |
| Rated current | 25,6 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 | 25,6 kg |
| Dimensions | 180x230x219,75x175x120 mm 9Ø |



+ Info www.polylux.com

Productos equivalentes