

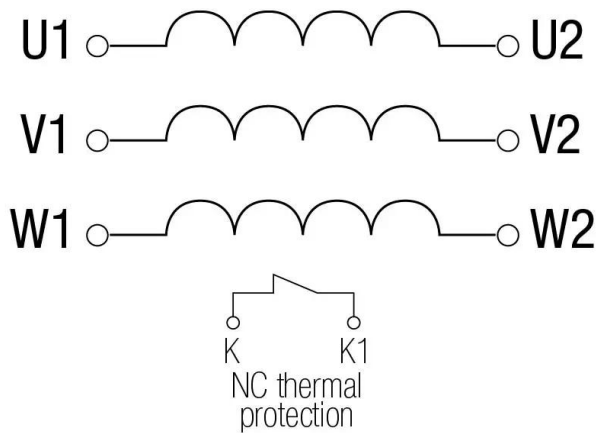
Three-phase cast resin line reactors for harmonic filtering with bimetal over-temperature protection.



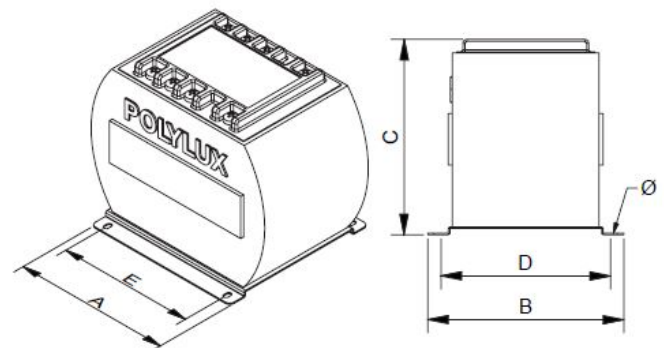
Technical characteristics

| | |
|-------------------------|----------------------------|
| Rated current | 12,5 A |
| Motor rating | 5,5 kW / 7,5 CV |
| Line voltage | 380 - 460 V |
| Reactor | 2,352 mH (50 Hz) |
| Voltage drop | 4% (50 Hz) |
| Thermal overload factor | 0,05 |
| Frequency | 50/60 Hz |
| Protection degree | IP-20 |
| 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) |
| Standards | IEC/EN/UNE-EN 60076-6, CE |
| Mounting | Screws |
| Includes | Bimetal thermal protection |
| Weight | 3,9 kg |

Electric scheme



Dimensions



Dimensions (AxBxCxDxE): 170x165x138x145x125 mm 7∅

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Features

Reactor

Advantages of resin technology:

- Protection against corrosive environments
- Protection against high vibration levels
- Protection against electrodynamic efforts
- 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 line reactors:

- Reduction of the current harmonics generated by the equipment, reducing current consumption and improving power factor
- Reduction of the peak factor of the current wave, increasing equipment's lifespan
- Attenuation of the microcuts of the feeding voltage produced by the converter, source of the bad functioning of computers, robots and other equipments

Downloads
