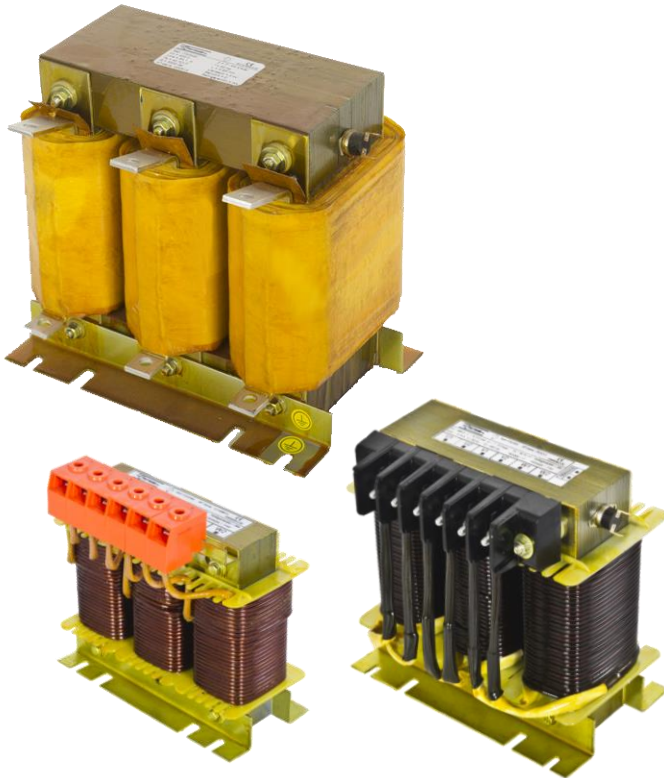


Three phase input line reactors for VFD



- Three phase line reactors especially designed for power converters such as frequency converters, variable speed drives for DC motors, UPS systems, rectifiers, soft-starters and other types of non-linear loads.

- It must be installed in the line as close as possible to the frequency converter's input.

- It reduces current harmonics generated by the loads and the crest factor of the current wave. Attenuates micro cuts in the supply voltage generated by power converters. Reduces energy consumption and improves power factor. Extends the service life of the equipment, avoids breakdowns and improves reliability.

- Vacuum impregnation with epoxy varnish high binding power with special properties that protect windings and magnetic core from dust and humidity.

- Connection with screw terminal blocks (rating up to 20 A). Connection with screws for flat terminals (rating from 20 to 60 A). Connection with flat busbars (rating over 60 A).

Technical characteristics

Motor rating	0,75 ÷ 500 kW (1 ÷ 680 CV)
Nominal current	2 ÷ 1000 A
Nominal voltage	380 – 500 V
Inductive impedance	3,5 %
Frequency	50/60 Hz
Distortion 75÷100% load	≈ 35% THD-I
Distortion 50÷75% load	≈ 45% THD-I
Distortion < 50% load	≈ 60% THD-I
Admissible overload	Permanent 1,07 I _N Transitory 1,5 I _N
Insulation class	F (155 °C)
Ambient temperature	50 °C @ I _N
Protection degree	IP-00
Cooling	Natural
Test voltage	4 kV
Safety class	Class I
Standard	IEC/UNE-EN 60076-6



NET



ILT



CONVERTER
(VFD)



MOTOR

