



## Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV61HD90M3X - line choke - 1 per drive ATV71QC20N4 - line choke - 1 per drive ATV71HC40N4 - line choke - 1 per drive ATV71HC20N4 - line choke - 1 per drive ATV61QC25N4 - line choke - 1 per drive ATV61HC50N4D - line choke - 1 per drive ATV61HC25N4D - line choke - 2 per drive ATV61HC22N4D - line choke - 2 per drive
Number of phases	Three phase
Range compatibility	Altivar 61 Altivar 71 Altivar 61Q Altivar 71Q
Product specific application	Reduction of current harmonics
Value of inductance	0.06 mH
[In] rated current	450 A
Saturation current	574 A
Thermal losses	335 W
Electrical connection	Bare wires, Ø = 13 mm

## Complementary

Power supply frequency	50...60 Hz
Max current	1.65 x nominal current for 60 s
Voltage drop at rated load	3...5 %
Electrical insulation class	Class F
Clearance distance	5.5 mm conforming to IEC 60664
Leakage distance	11.5 mm conforming to IEC 60664
Product weight	70 kg
Width	320 mm
Height	385 mm
Depth	250 mm

## Environment

Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	IP00 (terminals) IP00 (choke)
Environmental characteristic	3S1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3B1 conforming to IEC 721-3-3
Pollution degree	2 conforming to EN 50178
Vibration resistance	1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2-6 1 gn (f = 13...200 Hz) conforming to IEC 60068-2-6
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Relative humidity	<= 95 %
Ambient air temperature for operation	0...45 °C without current derating > 45...< 55 °C with current derating of 2 % per °C

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Ambient air temperature for storage	-25...70 °C
Operating altitude	1000...3000 m with current derating 1 % per 100 m <= 1000 m without current derating

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