

VW3A4564

line choke - 0.038 mH - 613 A - 3 phases - 307 W - for variable speed drive



Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV71QC25N4 - line choke - 1 per drive ATV71HC50N4 - line choke - 1 per drive ATV71HC28N4 - line choke - 1 per drive ATV71HC25N4 - line choke - 1 per drive ATV61QC31N4 - line choke - 1 per drive ATV61HC63N4D - line choke - 2 per drive ATV61HC31N4D - 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	0.038 mH
[In] rated current	613 A
Saturation current	1150 A
Thermal losses	307 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	73 kg
Width	385 mm
Height	440 mm
Depth	265 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

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