

VW3A4563

line choke - 0.038 mH - 509 A - 3 phases - 280 W -
for variable speed drive



Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV61QC50N4 - line choke - 2 per drive ATV71HD75M3X - line choke - 2 per drive ATV71QC40N4 - line choke - 1 per drive
Network number of phases	Three phase
Range compatibility	Altivar 71 Altivar 61Q Altivar 71Q
Device application	Reduction of current harmonics
Value of inductance	0.038 mH
[In] rated current	509 A
Saturation current	1025 A
Thermal losses	280 W
Electrical connection	Bare wires, Ø = 13 mm

Complementary

Supply frequency	50...60 Hz
Max current	1.65 x nominal current for 60 s
Voltage drop at rated load	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	59 kg

Environment

standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	IP00 (choke) IP00 (terminals)
environmental characteristic	3B1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3S1 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	0...95 %
ambient air temperature for operation	> 45...< 55 °C with current derating of 2 % per °C 0...45 °C without current derating
ambient air temperature for storage	-25...70 °C
operating altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m

Contractual warranty

Warranty period	18 months
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