

VW3A4568

line choke - 0.085 mH - 300 A - 3 phases - 315 W -
for variable speed drive



Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV61HC16N4D - line choke - 2 per drive ATV61HC50Y - line choke - 2 per drive ATV61QC16N4 - line choke - 1 per drive ATV61QC50Y - line choke - 2 per drive ATV71HC40Y - line choke - 1 per drive ATV71QC13N4 - line choke - 2 per drive ATV71QC40Y - line choke - 1 per drive ATV61HD75M3X - line choke - 1 per drive
Network number of phases	Three phase
Range compatibility	Altivar 61 Altivar 71 Altivar 61Q Altivar 71Q
Device application	Reduction of current harmonics
Value of inductance	0.085 mH
[In] rated current	300 A
Saturation current	474 A
Thermal losses	315 W
Electrical connection	Bare wires, Ø = 11 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	46 kg
Width	320 mm
Height	385 mm
Depth	210 mm

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 derating

1000...3000 m with current derating 1 % per 100 m

Contractual warranty

Warranty period	18 months
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