

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
Number of phases	Three phase
Range compatibility	Altivar 61Q Altivar 61 Altivar 71Q Altivar 71
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 diameter: 11 mm

Complementary

Power supply frequency	50...60 Hz
Max current	1.65 x nominal current (duration = 60 s)
Maximum voltage drop at rated load	5 %
Electrical insulation class	Class F
Minimum clearance distance	5.5 mm IEC 60664
Leakage distance	11.5 mm conforming to IEC 60664
Net weight	46 kg
Width	320 mm
Height	385 mm
Depth	210 mm

Environment

Standards	EN 50178 VDE 0160 level 1 IEC 60076 (with HD398)
IP degree of protection	Choke: IP00 Terminals: IP00
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 gn (f= 13...200 Hz) conforming to IEC 60068-2-6 1.5 mm peak to peak (f= 3...13 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

Packing Units

Package 1 Weight	54.750 kg
Package 1 Height	4.300 dm
Package 1 width	4.000 dm
Package 1 Length	4.800 dm

Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration

Contractual warranty

Warranty	18 months
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