

Product datasheet

Specifications



line choke - 0.15 mH - 230 A - 3
phases - 400 W - for variable speed
drive

VW3A4557

⚠ Discontinued on: 05-Jan-2022

⚠ End-of-service on: 30-Jun-2022

⚠ Discontinued

Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV61HD18M3X - line choke - 1 per drive ATV61HD22M3X - line choke - 1 per drive ATV61HD30M3X - line choke - 1 per drive ATV61HD37M3X - line choke - 1 per drive ATV61HD45M3X - line choke - 1 per drive ATV61HD75N4 - line choke - 1 per drive ATV61WD75N4 - line choke - 1 per drive ATV61WD75N4C - line choke - 1 per drive ATV71HD18M3X - line choke - 1 per drive ATV71HD22M3X - line choke - 1 per drive ATV71HD30M3X - line choke - 1 per drive ATV71HD37M3X - line choke - 1 per drive ATV71HD45M3X - line choke - 1 per drive
number of phases	Three phase
Range compatibility	Altivar 61 Altivar 71
Device application	Reduction of current harmonics
Value of inductance	0.15 mH
[In] rated current	230 A
Thermal losses	400 W
Electrical connection	Bare wires diameter: 9 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	45 kg
Width	320 mm
Height	340 mm
Depth	240 mm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Standards	IEC 60076 (with HD398) EN 50178 VDE 0160 level 1
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 current derating 1000...3000 m with current derating 1 % per 100 m

Contractual warranty

Warranty	18 months
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation		China RoHS declaration