

VW3A4572

line choke - 0.1 mH - 428 A - 3 phases - 495 W
- for variable speed drive



Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV71QC63Y - line choke - 1 per drive ATV71QC50Y - line choke - 1 per drive ATV71QC31Y - line choke - 1 per drive ATV71QC25Y - line choke - 1 per drive ATV71HC63Y - line choke - 2 per drive ATV71HC50Y - line choke - 2 per drive ATV71HC31Y - line choke - 1 per drive ATV71HC25Y - line choke - 1 per drive ATV61QC80Y - line choke - 2 per drive ATV61QC63Y - line choke - 2 per drive ATV61QC40Y - line choke - 1 per drive ATV61QC31Y - line choke - 1 per drive ATV61HC80Y - line choke - 2 per drive ATV61HC63Y - line choke - 2 per drive ATV61HC40Y - line choke - 2 per drive ATV61HC31Y - 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	0.1 mH
[In] rated current	428 A
Saturation current	770 A
Thermal losses	495 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	90 kg
Width	385 mm
Height	440 mm
Depth	295 mm

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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 current derating