

Product datasheet

Specifications



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

VW3A4572

⚠ Discontinued on: 2 Jan 2024

⚠ Discontinued

Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV61HC31Y - line choke - 2 per drive ATV61HC40Y - line choke - 2 per drive ATV61HC63Y - line choke - 2 per drive ATV61HC80Y - line choke - 2 per drive ATV61QC31Y - line choke - 1 per drive ATV61QC40Y - line choke - 1 per drive ATV61QC63Y - line choke - 2 per drive ATV61QC80Y - line choke - 2 per drive ATV71HC25Y - line choke - 1 per drive ATV71HC31Y - line choke - 1 per drive ATV71HC50Y - line choke - 2 per drive ATV71HC63Y - line choke - 2 per drive ATV71QC25Y - line choke - 1 per drive ATV71QC31Y - line choke - 1 per drive ATV71QC50Y - line choke - 1 per drive ATV71QC63Y - line choke - 1 per drive
number of phases	Three phase
Range compatibility	Altivar 71 Altivar 71Q Altivar 61 Altivar 61Q
Device 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 diameter: 13 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	90 kg
Width	385 mm

Height	440 mm
Depth	295 mm

Environment

Standards	EN 50178 IEC 60076 (with HD398) 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	46.000 cm
Package 1 Width	38.000 cm
Package 1 Length	58.000 cm
Package 1 Weight	85.750 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



Lifetime extension

Repair

No