

Product datasheet

Specifications



DC choke - 0.22 mH - 171 A - for variable speed drive

VW3A4511

⚠ Discontinued on: 5 Jan 2022

⚠ End-of-service on: 8 May 2024

⚠ Discontinued

Main

Product or component type	DC choke
Range compatibility	Altivar 61 Altivar 71
Device application	Reduction of current harmonics
Value of inductance	0.22 mH
[In] rated current	171.2 A
Thermal losses	128 W
Product compatibility	ATV71HD55N4 ATV71WD55N4 ATV71HD22M3X ATV61HD18M3X ATV61HD75N4 ATV71HD45N4 ATV61HD45N4 ATV61HD55N4 ATV71HD18M3X ATV71HD75N4 ATV61HD22M3X ATV71WD45N4 ATV71WD75N4
Electrical connection	Power supply bare wires diameter: 9 mm

Complementary

Network number of phases	3 phases
Supply frequency	50...60 Hz
Maximum voltage drop at rated load	6 %
Max current	1.65 x nominal current (duration = 60 s)
Height	191 mm
Width	280 mm
Depth	240 mm
Net weight	17.85 kg

Environment

IP degree of protection	IP20
Relative humidity	0...95 %
Ambient air temperature for operation	50...60 °C (with current derating 2.2 % per °C) -10...50 °C (without current derating)

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

Ambient air temperature for storage	-40...65 °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

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