


Product data sheet

Specifications



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

VW3A4511

 **Discontinued on:** Jan 5, 2022

 **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

Contractual warranty

Warranty	18 months
----------	-----------

Sustainability





Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

[Learn more about Green Premium >](#)

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

Well-being performance

 Reach Free Of Svhc	
 Toxic Heavy Metal Free	
 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov