

Product data sheet

Specifications



DC choke - 6.8 mH - 8 A - for variable speed drive

VW3A4503

⚠ Discontinued on: Jan 5, 2022

⚠ Discontinued

Main

Product Or Component Type	DC choke
Range Compatibility	Altivar 71 Altivar 61
Device Application	Reduction of current harmonics
Value Of Inductance	6.8 mH
[In] Rated Current	8 A
Thermal Losses	22.5 W
Product Compatibility	ATV71WU22N4 ATV61H075M3 ATV71HU30N4 ATV71H075M3 ATV61HU22N4 ATV71PU22N4Z ATV71PU30N4Z ATV71HU22N4 ATV61HU30N4 ATV71WU30N4
Electrical Connection	Earth circuit terminal, connection capacity: 10 mm ² (AWG 6) Power supply terminal, connection capacity: 2.5 mm ² (AWG 12)

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)
Tightening Torque	1.2...1.4 N.m for earth circuit 0.4...0.6 N.m for power supply
Height	134 mm
Width	96 mm
Depth	115 mm
Net Weight	1.7 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