

Product datasheet

Specifications



DC choke - 3.2 mH - 14.3 A - for variable speed drive

VW3A4505

-  **Discontinued on:** 11 Jul 2022
-  **To be end-of-service on:** 31 Dec 2024

 **Discontinued**

Price: 3,073.66 ZAR

Main

Product Or Component Type	DC choke
Range Compatibility	Altivar 71 Altivar 61
Device Application	Reduction of current harmonics
Value Of Inductance	3.2 mH
[In] Rated Current	14.3 A
Thermal Losses	32 W
Product Compatibility	ATV71WU55N4 ATV71HU55N4 ATV71PU55N4Z ATV61HU55N4 ATV61HU15M3 ATV71HU15M3
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	120 mm
Net Weight	2.2 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)
Ambient Air Temperature For Storage	-40...65 °C

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Operating Altitude	<= 1000 m without current derating
	1000...3000 m with current derating 1 % per 100 m

Contractual warranty

Warranty	18 months
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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.

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[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