

Product datasheet

Specifications



DC choke - 1.6 mH - 27.4 A - for variable speed drive

VW3A4507

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

 **Discontinued**

Price: 3,711.20 ZAR

Main

Product Or Component Type	DC choke
Range Compatibility	Altivar 71 Altivar 61
Device Application	Reduction of current harmonics
Value Of Inductance	1.6 mH
[In] Rated Current	27.4 A
Thermal Losses	43 W
Product Compatibility	ATV71PD11N4Z ATV71HU30M3 ATV61HD11N4 ATV71HD11N4 ATV71WD11N4 ATV61HU30M3
Electrical Connection	Earth circuit terminal, connection capacity: 10 mm ² (AWG 6) Power supply terminal, connection capacity: 6 mm ² (AWG 8)

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 0.8...1 N.m for power supply
Height	134 mm
Width	96 mm
Depth	130 mm
Net Weight	3 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
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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.

[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