

Product datasheet

Specifications



DC choke - 0.52 mH - 85 A - for variable speed drive

VW3A4510

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

 **Discontinued**

Price: 7,353.21 ZAR

Main

Product Or Component Type	DC choke
Range Compatibility	Altivar 61 Altivar 71
Device Application	Reduction of current harmonics
Value Of Inductance	0.52 mH
[In] Rated Current	84.5 A
Thermal Losses	98.3 W
Product Compatibility	ATV71WD37N4 ATV71WD30N4 ATV61HD15M3X ATV71WD22N4 ATV71HD22N4 ATV71HD11M3X ATV71HD30N4 ATV61HD30N4 ATV61HD11M3X ATV71HD15M3X ATV71HD37N4 ATV61HD22N4 ATV61HD37N4
Electrical Connection	Earth circuit terminal, connection capacity: 10 mm² (AWG 6) Power supply terminal, connection capacity: 35 mm² (AWG 0)

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 2.5...3 N.m for power supply
Height	171 mm
Width	126 mm
Depth	170 mm
Net Weight	6.4 kg

Environment

Ip Degree Of Protection	IP20
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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

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
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.

[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	