


# Product data sheet

Specifications



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

VW3A4505

 **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	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 <sup>2</sup> (AWG 6) Power supply terminal, connection capacity: 2.5 mm <sup>2</sup> (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

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

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<b>Operating Altitude</b>	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m
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## Contractual warranty

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<b>Warranty</b>	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-CO<sub>2</sub> 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		<a href="#">REACH Declaration</a>
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation		<a href="#">China RoHS declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>