

Product datasheet

Specifications



DC choke - 3.9 mH - 10.7 A - for variable speed drive

VW3A4504

⚠ Discontinued on: 9 Oct 2025

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Main

Product or component type	DC choke
Range compatibility	Altivar 61 Altivar 71
Device application	Reduction of current harmonics
Value of inductance	3.9 mH
[In] rated current	10.7 A
Thermal losses	27 W
Product compatibility	ATV61HU40N4 ATV71HU40N4 ATV71WU40N4 ATV71PU40N4Z
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	1.65 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
Operating altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

Contractual warranty

Warranty (in months)

18



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



Lifetime extension

Repair

No