

Product data sheet

Specifications



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

VW3A4510

! Discontinued on: 05 January 2022

! Discontinued

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 mm ² (AWG 6) Power supply terminal, connection capacity: 35 mm ² (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
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

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
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 www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Recommended replacement(s)