

Product datasheet

Specifications



DC choke - 18 mH - 2.2 A - for variable speed drive

VW3A4501

⚠ Discontinued on: 1 Nov 2020

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Main

Product or component type	DC choke
Range compatibility	Altivar 71 Altivar 61
Device application	Reduction of current harmonics
Value of inductance	18 mH
[In] rated current	2.25 A
Thermal losses	7.7 W
Product compatibility	ATV71H037M3 ATV61H075N4 ATV71W075N4 ATV71H075N4 ATV71P075N4Z
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	103 mm
Width	60 mm
Depth	95 mm
Net weight	0.65 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

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Contractual warranty

Warranty (in months)	18
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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 Longer



Lifetime extension

Repair

No