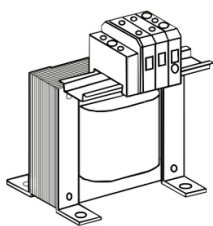


Product datasheet

Specifications



line choke - 2 mH - 25 A - 1 phase -
45 W - for variable speed drive

VW3A58501

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

Range of product	Altivar
Product or component type	Line choke
Product compatibility	ATV61HU40M3 - line choke - 1 per drive ATV71HU40M3 - line choke - 1 per drive
number of phases	Single phase
Range compatibility	Altivar 61 Altivar 71
Device application	Reduction of current harmonics
Value of inductance	2 mH
[In] rated current	25 A
Thermal losses	45 W
Electrical connection	Terminal 16 mm ² / AWG 4, 1.2...1.4 N.m

Complementary

power supply frequency	50...60 Hz
Max current	1.65 x nominal current (duration = 60 s)
Maximum voltage drop at rated load	5 %
Electrical insulation class	Class F
Minimum clearance distance	5.5 mm IEC 60664
Leakage distance	11.5 mm conforming to IEC 60664
Net weight	3.5 kg
Width	133 mm
Height	150 mm
Depth	95 mm

Environment

Standards	VDE 0160 level 1 EN 50178 IEC 60076 (with HD398)
IP degree of protection	Choke: IP00 Terminals: IP20
Environmental characteristic	3B1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3S1 conforming to IEC 721-3-3

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

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

Pollution degree	2 conforming to EN 50178
Vibration resistance	1 gn (f= 13...200 Hz) conforming to IEC 60068-2-6 1.5 mm peak to peak (f= 3...13 Hz) conforming to IEC 60068-2-6
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Relative humidity	0...95 %
Ambient air temperature for operation	45...55 °C (with current derating of 2 % per °C) 0...45 °C (without current derating)
Ambient air temperature for storage	-25...70 °C
Operating altitude	<= 1000 m without derating 1000...3000 m with current derating 1 % per 100 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16 cm
Package 1 Width	16 cm
Package 1 Length	21 cm
Package 1 Weight	3.539 kg

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 Better

Materials and Substances	
EU RoHS Directive	Compliant

Use Longer

Lifetime extension	
Repair	No