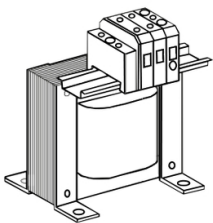


Product datasheet

Specifications



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

VW3A58501

-  **Discontinued on:** 11 Jul 2022
-  **To be end-of-service on:** 31 Dec 2024

 **Discontinued**

Price: 13,441.13 ZAR

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 mm² / 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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Environmental Characteristic	3B1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3S1 conforming to IEC 721-3-3
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	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-CO₂ 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
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation		China RoHS declaration