

Product datasheet

Specifications



line choke - 0.3 mH - 107 A - 3
phases - 260 W - for variable speed
drive

VW3A4556

Price: 17,250.93 ZAR

Main

Range Of Product	Altivar
Product Or Component Type	Line/motor choke
Product Compatibility	ATV71HD75Y - line choke - 1 per drive Variable speed drive ATV340 motor: 22 kW 380...480 V - line choke - 1 per drive ATV61HD15M3X - line choke - 1 per drive ATV61HD30N4 - line choke - 1 per drive ATV61HD37N4 - line choke - 1 per drive ATV61HD45N4 - line choke - 1 per drive ATV61HD55N4 - line choke - 1 per drive ATV61HD55Y - line choke - 1 per drive ATV61HD75Y - line choke - 1 per drive ATV61HD90Y - line choke - 1 per drive ATV61WD30N4 - line choke - 1 per drive ATV61WD30N4C - line choke - 1 per drive ATV61WD37N4 - line choke - 1 per drive ATV61WD37N4C - line choke - 1 per drive ATV61WD45N4 - line choke - 1 per drive ATV61WD45N4C - line choke - 1 per drive ATV61WD55N4 - line choke - 1 per drive ATV61WD55N4C - line choke - 1 per drive ATV71HD15M3X - line choke - 1 per drive ATV71HD30N4 - line choke - 1 per drive ATV71HD37N4 - line choke - 1 per drive ATV71HD45N4 - line choke - 1 per drive ATV71HD55N4 - line choke - 1 per drive ATV71HD55Y - line choke - 1 per drive ATV71HD90Y - line choke - 1 per drive ATV71WD30N4 - line choke - 1 per drive ATV71WD37N4 - line choke - 1 per drive ATV71WD45N4 - line choke - 1 per drive ATV71WD55N4 - line choke - 1 per drive Variable speed drive ATV320 motor: 11 kW 200...240 V - three phase - motor choke - 1 per drive Variable speed drive ATV320 motor: 15 kW 200...240 V - three phase - motor choke - 1 per drive Variable speed drive ATV630 motor: 55 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV630 motor: 75 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV630 motor: 90 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV930 motor: 55 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV930 motor: 75 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV930 motor: 90 kW 500...690 V - three phase - line choke - 1 per drive Variable speed drive ATV630 motor: 600 V - three phase - line choke - 75 hp - 1 per drive Variable speed drive ATV630 motor: 600 V - three phase - line choke - 100 hp - 1 per drive Variable speed drive ATV930 motor: 600 V - three phase - line choke - 100 hp - 1 per drive Variable speed drive ATV930 motor: 600 V - three phase - line choke - 75 hp - 1 per drive
Number Of Phases	Three phase

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

Range Compatibility	Altivar Machine ATV340 Altivar Machine ATV320 Altivar 71 Altivar 61 Altivar Process ATV600 Altivar Process ATV900 Easy Altivar 310
Device Application	Reduction of current harmonics Reduction of overvoltages at motor terminals
Value Of Inductance	0.3 mH
[In] Rated Current	107 A
Thermal Losses	260 W
Electrical Connection	Bare wires diameter: 6.5 mm

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	16 kg
Width	270 mm
Height	210 mm
Depth	180 mm

Environment

Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
Ip Degree Of Protection	Choke: IP00 Terminals: IP00
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 current 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	40.000 cm
Package 1 Width	60.000 cm
Package 1 Length	46.000 cm
Package 1 Weight	23.000 kg

Contractual warranty

Warranty	18 months
----------	-----------

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 >](#)

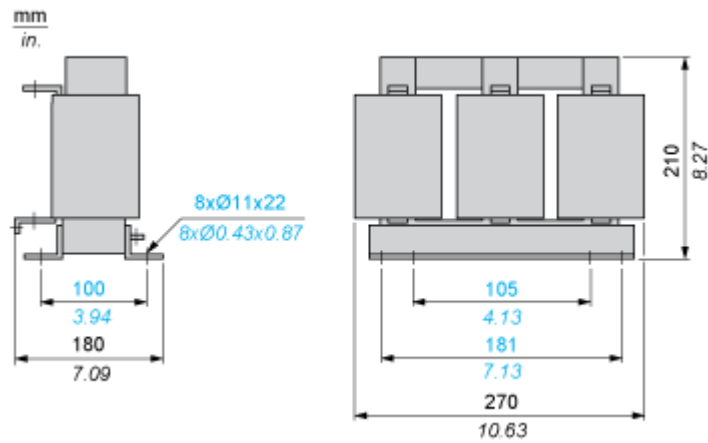
[Guide to assess a product's sustainability >](#)

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration	

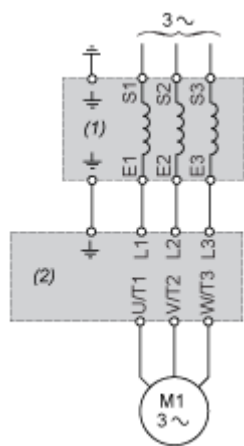
Dimensions Drawings

Dimensions



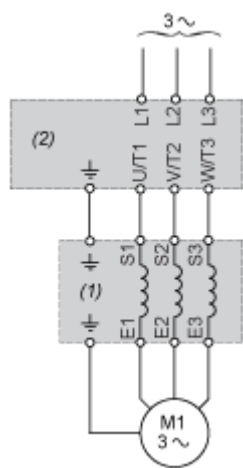
Connections and Schema

Recommended Schema - Line Choke



- (1) Line Choke
- (2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive