

Product datasheet

Specifications



line/motor choke - 4 mH - 10 A - 3
phases - 65 W - for variable speed
drive

VW3A4552

Price: 7,613.79 ZAR

Main

Range Of Product	Altivar
Product Or Component Type	Line/motor choke

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

Product Compatibility	Variable speed drive ATV340 motor: 1.5 kW 380...480 V - line choke - 1 per drive
	ATV31CU22N4 - line choke - 1 per drive
	ATV31CU22N4 - motor choke - 1 per drive
	ATV31CU30N4 - line choke - 1 per drive
	ATV31CU30N4 - motor choke - 1 per drive
	ATV31CU40N4 - line choke - 1 per drive
	ATV31CU40N4 - motor choke - 1 per drive
	ATV61HU15M3 - line choke - 1 per drive
	ATV61HU22M3 - line choke - 1 per drive
	ATV61HU22N4 - line choke - 2 per drive
	ATV61HU30N4 - line choke - 1 per drive
	ATV61HU40N4 - line choke - 1 per drive
	ATV61HU75Y - line choke - 1 per drive
	ATV61WU22N4 - line choke - 1 per drive
	ATV61WU22N4C - line choke - 1 per drive
	ATV61WU30N4 - line choke - 1 per drive
	ATV61WU30N4C - line choke - 1 per drive
	ATV61WU40N4 - line choke - 1 per drive
	ATV61WU40N4C - line choke - 2 per drive
	ATV71HD55Y - line choke - 2 per drive
	ATV71HD75Y - line choke - 1 per drive
	ATV71HU15M3 - line choke - 1 per drive
	ATV71HU22M3 - line choke - 1 per drive
	ATV71HU22N4 - line choke - 1 per drive
	ATV71HU30N4 - line choke - 1 per drive
	ATV71HU40N4 - line choke - 1 per drive
	ATV71PU22N4Z - line choke - 1 per drive
	ATV71PU30N4Z - line choke - 1 per drive
	ATV71PU40N4Z - line choke - 2 per drive
	ATV71WU22N4 - line choke - 1 per drive
	ATV71WU30N4 - line choke - 1 per drive
	ATV71WU40N4 - line choke - 1 per drive
	LXM05D17M3X - line choke - 1 per drive
	LXM05D34N4 - line choke - 1 per drive
	LXM05D57N4 - line choke - 1 per drive
	ATV12H075F1 - motor choke - 1 per drive
	ATV12H075M2 - motor choke - 1 per drive
	ATV12H075M3 - motor choke - 1 per drive
	ATV12HU15M2 - motor choke - 1 per drive
	ATV12HU15M3 - motor choke - 1 per drive
	ATV12P075M2 - motor choke - 1 per drive
	ATV312HU11M3 - line choke - 1 per drive
	ATV312HU15M3 - line choke - 1 per drive
	ATV312HU22N4 - line choke - 1 per drive
	ATV312HU30N4 - line choke - 1 per drive
	ATV312HU40N4 - line choke - 1 per drive
	ATV312HU40S6 - line choke - 1 per drive
	ATV312HU55S6 - line choke - 1 per drive
	ATV61HU40Y - line choke - 1 per drive
	ATV61HU55Y - line choke - 1 per drive
	ATV71HU40Y - line choke - 1 per drive
	ATV71HU55S6X - line choke - 1 per drive
	ATV312HU22N4 - motor choke - 1 per drive
	ATV312HU30N4 - motor choke - 1 per drive
	ATV312HU40N4 - motor choke - 1 per drive
	ATV312HU40S6 - motor choke - 1 per drive
	ATV312HU55S6 - motor choke - 1 per drive
	ATV12P075M3 - motor choke - 1 per drive
	ATV12PU15M3 - motor choke - 1 per drive
	ATV61HU30S6X - line choke - 1 per drive
	ATV61HU40S6X - line choke - 1 per drive
	ATV61HU55S6X - line choke - 1 per drive
	ATV71HU30S6X - line choke - 1 per drive
	ATV71HU40S6X - line choke - 1 per drive
	ATV32HU22N4 - motor choke - 1 per drive
	ATV32HU30N4 - motor choke - 1 per drive
	ATV32HU40N4 - motor choke - 1 per drive
	ATV32HU22N4 - line choke - 1 per drive
	ATV32HU30N4 - line choke - 1 per drive
	ATV32HU40N4 - line choke - 1 per drive
	Variable speed drive ATV310 motor: 1.5 kW - line choke - 1 per drive
	Variable speed drive ATV310 motor: 2.2 kW - line choke - 1 per drive
	Variable speed drive ATV310 motor: 3 kW - line choke - 1 per drive
	Variable speed drive ATV310 motor: 2.2 kW - motor choke - 1 per drive
	Variable speed drive ATV310 motor: 3 kW - motor choke - 1 per drive
	Variable speed drive ATV310 motor: 4 kW - motor choke - 1 per drive
	Variable speed drive ATV340 motor: 2.2 kW 380...480 V - line choke - 1 per drive
	Variable speed drive ATV340 motor: 3 kW 380...480 V - line choke - 1 per drive
	Variable speed drive ATV340 motor: 4 kW 380...480 V - line choke - 1 per drive
	Variable speed drive ATV320 motor: 2.2 kW 380...500 V - three phase - line choke -

1 per drive
Variable speed drive ATV320 motor: 3 kW 380...500 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 motor: 4 kW 380...500 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 motor: 0.18 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.37 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.55 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.75 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 1.1 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 1.5 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.37 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.55 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.75 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 1.1 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 1.5 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 2.2 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 3 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 4 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 1.1 kW 200...240 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 motor: 1.5 kW 200...240 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 motor: 0.18 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.37 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.55 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 0.75 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 1.1 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 1.5 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 4 kW 525...600 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 motor: 0.75 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 1.5 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 2.2 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 4 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 motor: 5.5 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV630 motor: 5.5 kW 500...690 V - three phase - line choke - 1 per drive
Variable speed drive ATV630 motor: 7.5 kW 500...690 V - three phase - line choke - 1 per drive
Variable speed drive ATV930 motor: 5.5 kW 500...690 V - three phase - line choke - 1 per drive
Variable speed drive ATV930 motor: 7.5 kW 500...690 V - three phase - line choke - 1 per drive
Variable speed drive ATV630 motor: 600 V - three phase - line choke - 5 hp - 1 per drive
Variable speed drive ATV630 motor: 600 V - three phase - line choke - 7.5 hp - 1 per drive
Variable speed drive ATV930 motor: 600 V - three phase - line choke - 5 hp - 1 per drive
Variable speed drive ATV930 motor: 600 V - three phase - line choke - 7.5 hp - 1 per drive
Variable speed drive ATV310L motor: 0.75 kW
Variable speed drive ATV310L motor: 1.5 kW
Variable speed drive ATV310L motor: 2.2 kW

Variable speed drive ATV310L motor: 3.0 kW
Variable speed drive ATV310L motor: 4.0 kW
Variable speed drive ATV310L motor: 5.5 kW

Number Of Phases	Three phase
Range Compatibility	Altivar 61 Altivar 312 Solar Altivar 32 Altivar Process ATV600 Altivar 31C Lexium 05 Altivar 71 Altivar Machine ATV340 Altivar Machine ATV320 Easy Altivar 310 Altivar 12 Lexium 62 Altivar Process ATV900 Altivar 312 Easy Altivar 310L
Device Application	Reduction of current harmonics Reduction of overvoltages at motor terminals
Value Of Inductance	4 mH
[In] Rated Current	10 A
Thermal Losses	65 W
Electrical Connection	Terminal 2.5 mm² / AWG 12, 0.4...0.6 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 kg
Width	130 mm
Height	155 mm
Depth	90 mm

Environment

Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
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
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	18.000 cm
Package 1 Width	24.500 cm
Package 1 Length	25.500 cm
Package 1 Weight	3.440 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	18
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	75.556 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 >](#)

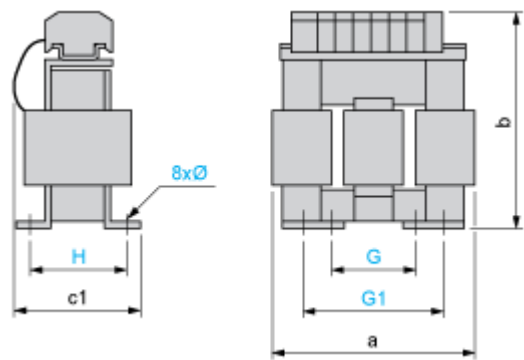
[Guide to assess a product's sustainability >](#)

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



Dimensions in mm

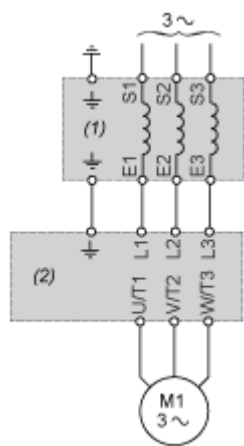
a	b	c1	G	G1	H	Ø
130	155	90	60	80.5	62	6 x 12

Dimensions in in.

a	b	c1	G	G1	H	Ø
5.12	6.10	3.54	2.36	3.17	2.44	0.24 x 0.47

Connections and Schema

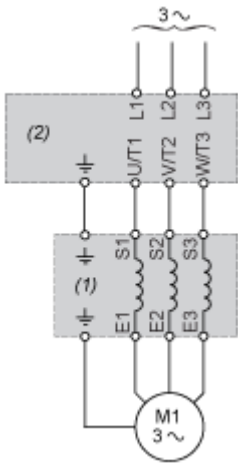
Recommended Schema - Line Choke



(1) Line Choke

(2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive