

Product data sheet

Specifications



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

VW3A4552

Product availability: Non-Stock - Not normally stocked in
distribution facility

Main

Range of Product	Altivar
Product or Component Type	Line/motor choke

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Product compatibility	Variable speed drive ATV340 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 1.5 kW - line choke - 1 per drive
	Variable speed drive ATV310 2.2 kW - line choke - 1 per drive
	Variable speed drive ATV310 3 kW - line choke - 1 per drive
	Variable speed drive ATV310 2.2 kW - motor choke - 1 per drive
	Variable speed drive ATV310 3 kW - motor choke - 1 per drive
	Variable speed drive ATV310 4 kW - motor choke - 1 per drive
	Variable speed drive ATV340 2.2 kW 380...480 V - line choke - 1 per drive
	Variable speed drive ATV340 3 kW 380...480 V - line choke - 1 per drive
	Variable speed drive ATV340 4 kW 380...480 V - line choke - 1 per drive
	Variable speed drive ATV320 2.2 kW 380...500 V - three phase - line choke - 1 per

drive
Variable speed drive ATV320 3 kW 380...500 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 4 kW 380...500 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 0.18 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 0.37 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 0.55 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 0.75 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 1.1 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 1.5 kW 200...240 V - single phase - motor choke - 1 per drive
Variable speed drive ATV320 0.37 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 0.55 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 0.75 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 1.1 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 1.5 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 2.2 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 3 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 4 kW 380...500 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 1.1 kW 200...240 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 1.5 kW 200...240 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 0.18 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 0.37 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 0.55 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 0.75 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 1.1 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 1.5 kW 200...240 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 4 kW 525...600 V - three phase - line choke - 1 per drive
Variable speed drive ATV320 0.75 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 1.5 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 2.2 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 4 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV320 5.5 kW 525...600 V - three phase - motor choke - 1 per drive
Variable speed drive ATV630 5.5 kW 500...690 V - three phase - line choke - 1 per drive
Variable speed drive ATV630 7.5 kW 500...690 V - three phase - line choke - 1 per drive
Variable speed drive ATV930 5.5 kW 500...690 V - three phase - line choke - 1 per drive
Variable speed drive ATV930 7.5 kW 500...690 V - three phase - line choke - 1 per drive
Variable speed drive ATV630 600 V - three phase - line choke - 5 hp - 1 per drive
Variable speed drive ATV630 600 V - three phase - line choke - 7.5 hp - 1 per drive
Variable speed drive ATV930 600 V - three phase - line choke - 5 hp - 1 per drive
Variable speed drive ATV930 600 V - three phase - line choke - 7.5 hp - 1 per drive
Variable speed drive ATV310L 0.75 kW
Variable speed drive ATV310L 1.5 kW
Variable speed drive ATV310L 2.2 kW
Variable speed drive ATV310L 3.0 kW
Variable speed drive ATV310L 4.0 kW
Variable speed drive ATV310L 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
Line Rated Current	10 A
Thermal losses	65 W
Electrical connection	Terminal 2.5 mm² / AWG 12, 3.5...5.3 lbf.in (0.4...0.6 N.m)

Complementary

power supply frequency	50...60 Hz
Max current	1.65 x nominal current 60 s)
Maximum voltage drop at rated load	5 %
Electrical Insulation Class	Class F
Minimum clearance distance	0.2 in (5.5 mm) IEC 60664
Leakage distance	0.5 in (11.5 mm) IEC 60664
Product Weight	6.6 lb(US) (3 kg)
Width	5.1 in (130 mm)
Height	6.1 in (155 mm)
Depth	3.5 in (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 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 11 ms IEC 60068-2-27
Relative humidity	0...95 %
Ambient air temperature for operation	113...131 °F (45...55 °C) (with current derating of 2 % per °C) 32...113 °F (0...45 °C) (without current derating)
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)

Operating altitude	<= 3280.84 ft (1000 m) without current derating 3280.84...9842.52 ft (1000...3000 m) with current derating 1 % per 100 m
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Ordering and shipping details

Category	US1CP4B22154
Discount Schedule	CP4B
GTIN	3389118066021
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.09 in (18.000 cm)
Package 1 Width	9.65 in (24.500 cm)
Package 1 Length	10.04 in (25.500 cm)
Package weight(Lbs)	7.584 lb(US) (3.440 kg)
Unit Type of Package 2	S06
Number of Units in Package 2	18
Package 2 Height	29.53 in (75.000 cm)
Package 2 Width	23.62 in (60.000 cm)
Package 2 Length	31.50 in (80.000 cm)
Package 2 Weight	166.573 lb(US) (75.556 kg)

Contractual warranty

Warranty	18 months
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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

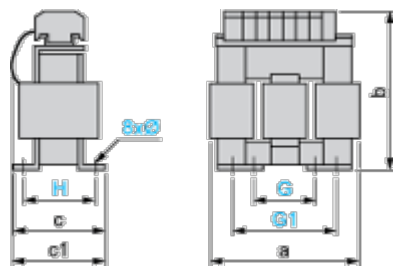
 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	4934d727-4a01-454e-b001-ddcc449d383b
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions



Dimensions in mm

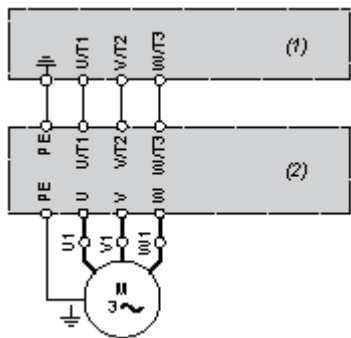
a	b	c	c1	G	G1	H	Ø
130	155	85	90	60	80.5	62	6 x 12

Dimensions in in.

a	b	c	c1	G	G1	H	Ø
5.12	6.10	3.35	3.54	2.36	3.17	2.44	0.24 x 0.47

Connections and Schema

Recommended Scheme



(1) Drive

(2) Filter