

# Product data sheet

Specifications



line/motor choke - 2 mH - 17 A - 3  
phases - 75 W - for variable speed  
drive

VW3A4553

## Main

Range of product	Altivar
Product or component type	Line/motor choke

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

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**Product compatibility**

Variable speed drive ATV340 motor: 4 kW 380...480 V - line choke - 1 per drive  
ATV31CU22M2 - motor choke - 1 per drive  
ATV31CU55N4 - line choke - 1 per drive  
ATV31CU55N4 - motor choke - 1 per drive  
ATV31CU75N4 - line choke - 1 per drive  
ATV61HD11Y - line choke - 1 per drive  
ATV61HD15Y - line choke - 1 per drive  
ATV61HU30M3 - line choke - 1 per drive  
ATV61HU55N4 - line choke - 1 per drive  
ATV61HU75N4 - line choke - 1 per drive  
ATV61WU55N4 - line choke - 1 per drive  
ATV61WU55N4C - line choke - 1 per drive  
ATV61WU75N4 - line choke - 1 per drive  
ATV61WU75N4C - line choke - 1 per drive  
ATV71HD11Y - line choke - 1 per drive  
ATV71HD15Y - line choke - 1 per drive  
ATV71HU30M3 - line choke - 1 per drive  
ATV71HU55N4 - line choke - 1 per drive  
ATV71HU75N4 - line choke - 1 per drive  
ATV71PU55N4Z - line choke - 1 per drive  
ATV71PU75N4Z - line choke - 1 per drive  
ATV71WU55N4 - line choke - 1 per drive  
ATV71WU75N4 - line choke - 1 per drive  
LXM05D42M3X - line choke - 1 per drive  
ATV12HU22M2 - motor choke - 1 per drive  
ATV12HU22M3 - motor choke - 1 per drive  
ATV312HD11S6 - line choke - 1 per drive  
ATV312HU22M3 - line choke - 1 per drive  
ATV312HU30M3 - line choke - 1 per drive  
ATV312HU55N4 - line choke - 1 per drive  
ATV312HU75N4 - line choke - 1 per drive  
ATV312HU75S6 - line choke - 1 per drive  
ATV71HU75S6X - line choke - 1 per drive  
ATV312HU22M3 - motor choke - 1 per drive  
ATV312HU30M3 - motor choke - 1 per drive  
ATV312HU55N4 - motor choke - 1 per drive  
ATV312HU75S6 - motor choke - 1 per drive  
ATV312HU22M2 - motor choke - 1 per drive  
ATV12HU30M3 - motor choke - 1 per drive  
ATV12PU22M3 - motor choke - 1 per drive  
ATV12PU30M3 - motor choke - 1 per drive  
ATV61HU75S6X - line choke - 1 per drive  
ATV32HU55N4 - line choke - 1 per drive  
ATV32HU75N4 - line choke - 1 per drive  
ATV32HU22M2 - motor choke - 1 per drive  
ATV32HU55N4 - motor choke - 1 per drive  
LXM32.D12N4 - line choke - 1 per drive  
LXM32.U60N4 - line choke - 1 per drive  
Variable speed drive ATV310 motor: 4 kW - line choke - 1 per drive  
Variable speed drive ATV310 motor: 5.5 kW - line choke - 1 per drive  
Variable speed drive ATV310 motor: 5.5 kW - motor choke - 1 per drive  
Variable speed drive ATV340 motor: 5.5 kW 380...480 V - line choke - 1 per drive  
Variable speed drive ATV340 motor: 7.5 kW 380...480 V - line choke - 1 per drive  
Variable speed drive ATV320 motor: 5.5 kW 380...500 V - three phase - line choke - 1 per drive  
Variable speed drive ATV320 motor: 7.5 kW 380...500 V - three phase - line choke - 1 per drive  
Variable speed drive ATV320 motor: 2.2 kW 200...240 V - single phase - motor choke - 1 per drive  
Variable speed drive ATV320 motor: 5.5 kW 380...500 V - three phase - motor choke - 1 per drive  
Variable speed drive ATV320 motor: 2.2 kW 200...240 V - three phase - line choke - 1 per drive  
Variable speed drive ATV320 motor: 3 kW 200...240 V - three phase - line choke - 1 per drive  
Variable speed drive ATV320 motor: 2.2 kW 200...240 V - three phase - motor choke - 1 per drive  
Variable speed drive ATV320 motor: 3 kW 200...240 V - three phase - motor choke - 1 per drive  
Variable speed drive ATV320 motor: 5.5 kW 525...600 V - three phase - line choke - 1 per drive  
Variable speed drive ATV320 motor: 7.5 kW 525...600 V - three phase - line choke - 1 per drive  
Variable speed drive ATV320 motor: 7.5 kW 525...600 V - three phase - motor choke - 1 per drive  
Variable speed drive ATV630 motor: 11 kW 500...690 V - three phase - line choke - 1 per drive  
Variable speed drive ATV630 motor: 15 kW 500...690 V - three phase - line choke - 1 per drive  
Variable speed drive ATV930 motor: 11 kW 500...690 V - three phase - line choke - 1

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per drive

Variable speed drive ATV930 motor: 15 kW 500...690 V - three phase - line choke - 1

per drive

Variable speed drive ATV630 motor: 600 V - three phase - line choke - 10 hp - 1 per drive

Variable speed drive ATV630 motor: 600 V - three phase - line choke - 15 hp - 1 per drive

Variable speed drive ATV930 motor: 600 V - three phase - line choke - 10 hp - 1 per drive

Variable speed drive ATV930 motor: 600 V - three phase - line choke - 15 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

<b>number of phases</b>	Three phase
<b>Range compatibility</b>	Altivar 61 Altivar Process ATV900 Lexium 05 Altivar 312 Solar Altivar Process ATV600 Altivar 32 Altivar 71 Lexium 62 Easy Altivar 310 Altivar 12 Altivar 31C Lexium 52 Altivar 312 Lexium 32 Altivar Machine ATV320 Altivar Machine ATV340 Easy Altivar 310L
<b>Device application</b>	Reduction of current harmonics Reduction of overvoltages at motor terminals
<b>Value of inductance</b>	2 mH
<b>[In] rated current</b>	17 A
<b>Thermal losses</b>	75 W
<b>Electrical connection</b>	Terminal 6 mm <sup>2</sup> / AWG 8, 0.8...1 N.m

## Complementary

<b>power supply frequency</b>	50...60 Hz
<b>Max current</b>	1.65 x nominal current (duration = 60 s)
<b>Maximum voltage drop at rated load</b>	5 %
<b>Electrical insulation class</b>	Class F
<b>Minimum clearance distance</b>	5.5 mm IEC 60664
<b>Leakage distance</b>	11.5 mm conforming to IEC 60664
<b>Net weight</b>	3.5 kg
<b>Width</b>	130 mm
<b>Height</b>	155 mm
<b>Depth</b>	90 mm

## Environment

<b>Standards</b>	VDE 0160 level 1 EN 50178 IEC 60076 (with HD398)
<b>IP degree of protection</b>	Choke: IP00 Terminals: IP20
<b>Environmental characteristic</b>	3B1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3S1 conforming to IEC 721-3-3
<b>Pollution degree</b>	2 conforming to EN 50178
<b>Vibration resistance</b>	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
<b>Shock resistance</b>	15 gn for 11 ms conforming to IEC 60068-2-27
<b>Relative humidity</b>	0...95 %
<b>Ambient air temperature for operation</b>	45...55 °C (with current derating of 2 % per °C) 0...45 °C (without current derating)

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Ambient air temperature for storage	-25...70 °C
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Operating altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	19.000 cm
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Package 1 Width	24.000 cm
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Package 1 Length	25.000 cm
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Package 1 Weight	3.935 kg
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Unit Type of Package 2	P06
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Number of Units in Package 2	18
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Package 2 Height	75.000 cm
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Package 2 Width	60.000 cm
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Package 2 Length	80.000 cm
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Package 2 Weight	83.830 kg
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## Contractual warranty

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Warranty	18 months
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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

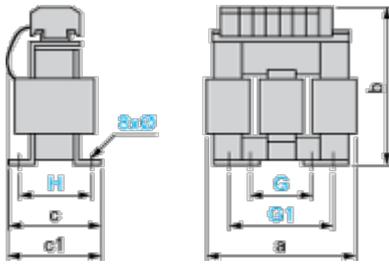
 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	4934d727-4a01-454e-b001-ddcc449d383b
California proposition 65	<b>WARNING:</b> This 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Use Again

 <b>Repack and remanufacture</b>	
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

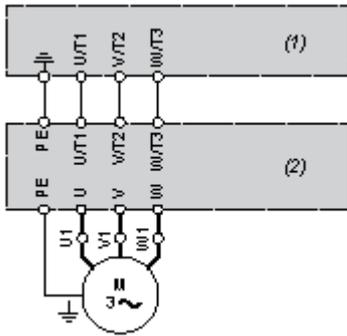
Dimensions in in.

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

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(1) Drive

(2) Filter