

# Product data sheet

Specifications



line/motor choke - 0.5 mH - 60 A - 3  
phases - 94 W - for variable speed  
drive

VW3A4555

## Main

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

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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

<b>Product compatibility</b>	<p>LXM32MD85N4 - line choke - 1 per drive  LXM32MC10N4 - line choke - 1 per drive  Variable speed drive ATV340 motor: 15 kW 380...480 V - line choke - 1 per drive  ATV61CD15N4 - motor choke - 1 per drive  ATV61HD11M3X - line choke - 1 per drive  ATV61HD15N4 - motor choke - 1 per drive  ATV61HD18N4 - line choke - 1 per drive  ATV61HD22N4 - line choke - 1 per drive  ATV61HD30Y - line choke - 1 per drive  ATV61HD37Y - line choke - 1 per drive  ATV61HD45Y - line choke - 1 per drive  ATV61HU75M3 - line choke - 1 per drive  ATV61KD15N4 - motor choke - 1 per drive  ATV61WD18N4 - line choke - 1 per drive  ATV61WD18N4C - line choke - 1 per drive  ATV61WD22N4 - line choke - 1 per drive  ATV61WD22N4C - line choke - 1 per drive  ATV71HD11M3X - line choke - 1 per drive  ATV71HD18N4 - line choke - 1 per drive  ATV71HD22N4 - line choke - 1 per drive  ATV71HD30Y - line choke - 1 per drive  ATV71HD37Y - line choke - 1 per drive  ATV71HD45Y - line choke - 1 per drive  ATV71HU75M3 - line choke - 1 per drive  ATV71WD18N4 - line choke - 1 per drive  ATV71WD22N4 - line choke - 1 per drive  ATV312HD11M3 - line choke - 1 per drive  ATV312HD15M3 - line choke - 1 per drive  ATV32HD15N4 - motor choke - 1 per drive  Variable speed drive ATV340 motor: 18 kW 380...480 V - line choke - 1 per drive  Variable speed drive ATV340 motor: 22 kW 380...480 V - line choke - 1 per drive  Variable speed drive ATV320 motor: 15 kW 380...500 V - three phase - motor choke - 1 per drive  Variable speed drive ATV320 motor: 11 kW 200...240 V - three phase - line choke - 1 per drive  Variable speed drive ATV320 motor: 15 kW 200...240 V - three phase - line choke - 1 per drive  Variable speed drive ATV630 motor: 30 kW 500...690 V - three phase - line choke - 1 per drive  Variable speed drive ATV630 motor: 37 kW 500...690 V - three phase - line choke - 1 per drive  Variable speed drive ATV630 motor: 45 kW 500...690 V - three phase - line choke - 1 per drive  Variable speed drive ATV930 motor: 30 kW 500...690 V - three phase - line choke - 1 per drive  Variable speed drive ATV930 motor: 37 kW 500...690 V - three phase - line choke - 1 per drive  Variable speed drive ATV930 motor: 45 kW 500...690 V - three phase - line choke - 1 per drive  Variable speed drive ATV630 motor: 600 V - three phase - line choke - 40 hp - 1 per drive  Variable speed drive ATV630 motor: 600 V - three phase - line choke - 50 hp - 1 per drive  Variable speed drive ATV630 motor: 600 V - three phase - line choke - 60 hp - 1 per drive  Variable speed drive ATV930 motor: 600 V - three phase - line choke - 40 hp - 1 per drive  Variable speed drive ATV930 motor: 600 V - three phase - line choke - 50 hp - 1 per drive  Variable speed drive ATV930 motor: 600 V - three phase - line choke - 60 hp - 1 per drive</p>
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<b>number of phases</b>	Three phase
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<b>Range compatibility</b>	<p>Altivar 32  Altivar Machine ATV340  Lexium 62  Altivar 71  Altivar Machine ATV320  Altivar 312  Altivar Process ATV900  Altivar Process ATV600  Altivar 61  Lexium 32  Easy Altivar 310</p>
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<b>Device application</b>	<p>Reduction of overvoltages at motor terminals  Reduction of current harmonics</p>
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Value of inductance	0.5 mH
[In] rated current	60 A
Thermal losses	94 W
Electrical connection	Terminal 35 mm <sup>2</sup> / AWG 0, 2.5...3 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
Product weight	11 kg
Width	180 mm
Height	210 mm
Depth	165 mm

## Environment

Standards	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
IP degree of protection	Choke: IP00 Terminals: IP10
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 m without derating

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25.600 cm
Package 1 Width	28.400 cm
Package 1 Length	32.800 cm
Package 1 Weight	11.062 kg
Unit Type of Package 2	P06

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<b>Number of Units in Package 2</b>	8
<b>Package 2 Height</b>	75.000 cm
<b>Package 2 Width</b>	60.000 cm
<b>Package 2 Length</b>	80.000 cm
<b>Package 2 Weight</b>	105.160 kg

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## **Contractual warranty**

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<b>Warranty (in months)</b>	18
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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

#### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	4934d727-4a01-454e-b001-ddcc449d383b
EU RoHS Directive	<a href="#">Compliant</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

### Use Longer

#### Lifetime extension

Repair	No
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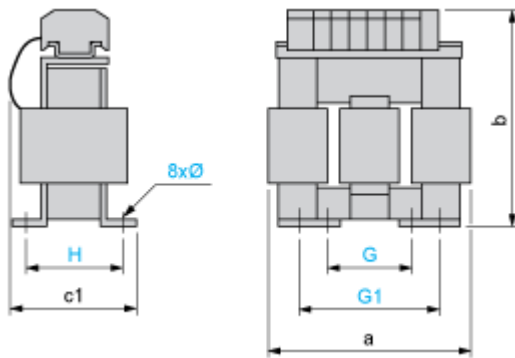
### Use Again

#### Repack and remanufacture

Take-back	No
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Dimensions Drawings

Dimensions



Dimensions in mm

a	b	c1	G	G1	H	Ø
180	210	160	85	122	105	6 x 12

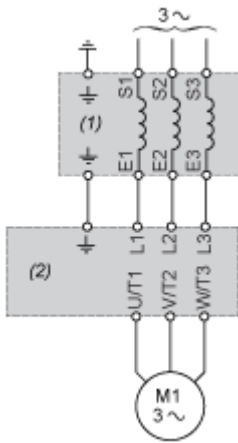
Dimensions in in.

a	b	c1	G	G1	H	Ø
7.09	8.27	6.30	3.35	4.80	4.13	0.24 x 0.47

Connections and Schema

Recommended Schema - Line Choke

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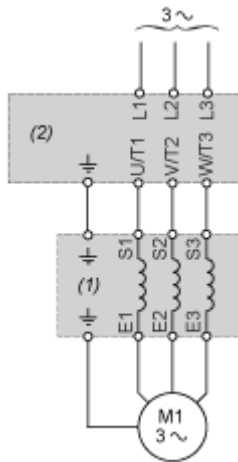


(1) Line Choke

(2) Drive

Recommended Schema - Motor Choke

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- (1) Motor Choke
- (2) Drive