

# Product data sheet

Specifications



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

VW3A4555

## Main

Range of product Altivar

Product or component type Line/motor choke



<b>Value of inductance</b>	0.5 mH
<b>[In] rated current</b>	60 A
<b>Thermal losses</b>	94 W
<b>Electrical connection</b>	Terminal 35 mm <sup>2</sup> / AWG 0, 2.5...3 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>Product weight</b>	11 kg
<b>Width</b>	180 mm
<b>Height</b>	210 mm
<b>Depth</b>	165 mm

## Environment

<b>Standards</b>	EN 50178 IEC 60076 (with HD398) VDE 0160 level 1
<b>IP degree of protection</b>	Choke: IP00 Terminals: IP10
<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)
<b>Ambient air temperature for storage</b>	-25...70 °C
<b>Operating altitude</b>	<= 1000 m without current derating <= 1000 m without derating

## Packing Units

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

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

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## **Contractual warranty**

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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
<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>

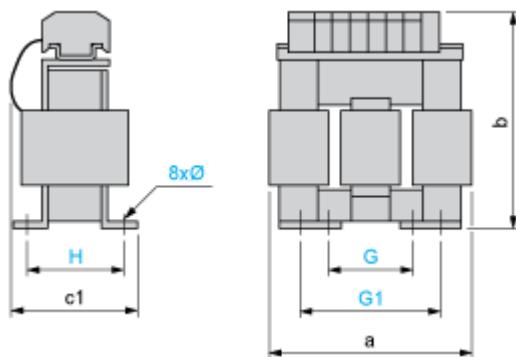
## Use Again

### Repack and remanufacture

Take-back	No
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## Dimensions Drawings

## Dimensions



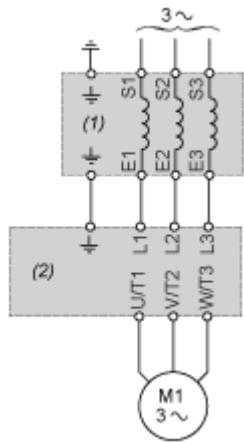
Dimensions in mm

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

Dimensions in in.

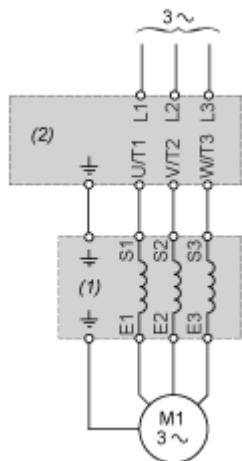
a	b	c1	G	G1	H	Ø
7.09	8.27	6.30	3.35	4.80	4.13	0.24 x 0.47

## Connections and Schema

Recommended Schema - Line Choke

(1) Line Choke

(2) Drive

Recommended Schema - Motor Choke

(1) Motor Choke

(2) Drive