

# 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



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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

number of phases	Three phase
Range compatibility	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
Device application	Reduction of current harmonics Reduction of overvoltages at motor terminals
Value of inductance	2 mH
[In] rated current	17 A
Thermal losses	75 W
Electrical connection	Terminal 6 mm <sup>2</sup> / AWG 8, 0.8...1 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	3.5 kg
Width	130 mm
Height	155 mm
Depth	90 mm

## Environment

Standards	VDE 0160 level 1 EN 50178 IEC 60076 (with HD398)
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	19.000 cm
Package 1 Width	24.000 cm
Package 1 Length	25.000 cm
Package 1 Weight	3.935 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	83.830 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
<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>

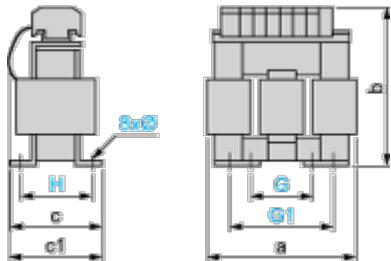
## Use Again

### Repack and remanufacture

Take-back	No
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## Dimensions Drawings

## Dimensions



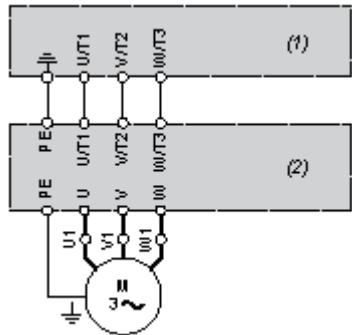
Dimensions in mm

a	b	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