

# Product data sheet

Specifications



## EMC radio interference input filter, for variable speed drive, 100A

VW3A4706

### Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar Machine ATV340 Altivar Process ATV600 Altivar Process ATV900
Product compatibility	Variable speed drive ATV630 wall mount, motor: 37 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 45 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 18.5 kW, 200...240 V Variable speed drive ATV630 wall mount, motor: 22 kW, 200...240 V Variable speed drive ATV650 wall mount, motor: 37 kW, 380...480 V Variable speed drive ATV650 wall mount, motor: 45 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 37 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 45 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 18.5 kW, 200...240 V Variable speed drive ATV930 wall mount, motor: 22 kW, 200...240 V Variable speed drive ATV950 wall mount, motor: 37 kW, 380...480 V Variable speed drive ATV950 wall mount, motor: 45 kW, 380...480 V Variable speed drive ATV340 motor: 30 kW, 380...480 V Variable speed drive ATV340 motor: 37 kW, 380...480 V
Product specific application	Radio interference input filter
Mounting location	At variable speed drive side
[In] rated current	100 A
Thermal losses	12.4 W
Network number of phases	Three phase

### Complementary

Electrical connection	Terminal 50 mm <sup>2</sup> AWG 1/0
Maximum motor cable length	150 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C2, 380...480 V 300 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C3, 380...480 V 150 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C2, 200...240 V 300 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C3, 200...240 V 50 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C1, 200...240 V 50 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C1, 380...480 V
maximum earth leakage current	13.9 mA at 400 V 50 Hz TN 13.9 mA at 400 V 50 Hz TT
power supply voltage	380...480 V 200...240 V
Tolerance	10 %

<b>Mechanical robustness</b>	Shocks class 3M4 conforming to IEC 60721-3-3 Vibrations class 3M4 conforming to IEC 60721-3-3
<b>Width</b>	120 mm
<b>Height</b>	340 mm
<b>Depth</b>	180 mm
<b>Product weight</b>	6.5 kg

## Environment

<b>IP degree of protection</b>	IP20mounting side by side IP21with kit VW3A47906
<b>Relative humidity</b>	5...95 % without condensation conforming to IEC 61800-5-1
<b>Ambient air temperature for operation</b>	-10...50 °C (without current derating) 50...60 °C (with current derating 1.5 % per °C)
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Operating altitude</b>	0...1000 m without current derating 1000...4000 m with current derating 1 % per 100 m
<b>Standards</b>	IEC 61800-3

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	28.500 cm
<b>Package 1 Width</b>	37.500 cm
<b>Package 1 Length</b>	53.000 cm
<b>Package 1 Weight</b>	11.179 kg
<b>Unit Type of Package 2</b>	P06
<b>Number of Units in Package 2</b>	4
<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>	58.248 kg



## 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
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
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>

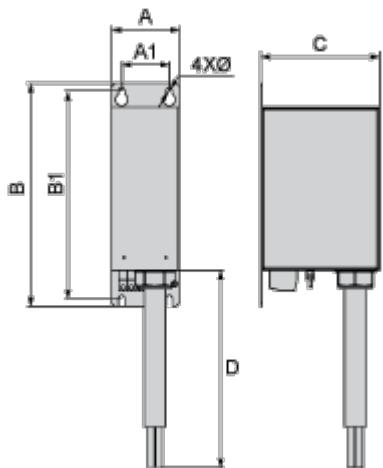
### Use Again

#### Repack and remanufacture

Take-back	No
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## Dimensions Drawings

## Dimensions



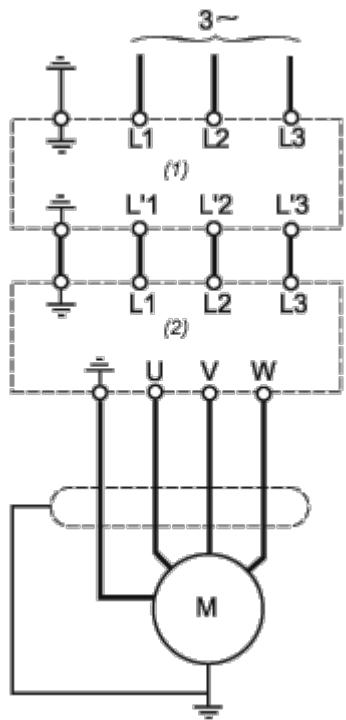
Dimensions in mm

A	B	C	D	A1	B1	Ø
120	340	180	1300	80	322	7

Dimensions in in.

A	B	C	D	A1	B1	Ø
4.7	13.4	7.1	51.2	3.1	12.7	0.28

## Connections and Schema

Recommended Schema

(1) Filter

(2) Drive