

# Product datasheet

Specifications



## sinus filter - 240 A - for Altivar variable speed drive

VW3A5212

### Main

Product or component type	Sinus filter
Range compatibility	Altivar 61 Altivar 71
Product specific application	Output filter
[In] rated current	240 A
Thermal losses	1500 W at 100 Hz
Product compatibility	ATV61HC11Y ATV61HC13Y ATV61HC16Y ATV61HC20Y ATV71HC11Y ATV71HC13Y ATV71HC16Y
Switching frequency	4...8 kHz
Maximum output frequency	100 Hz
maximum permissible voltage	690 V AC

### Complementary

Electrical connection	Bare wires diameter: 11 mm
Maximum voltage drop at rated load	10 %
Max current	1.5 x nominal current (duration = 60 s)
Net weight	210 kg

### Environment

IP degree of protection	IP00
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 1.5 mm peak to peak (f= 3...13 Hz) conforming to IEC 60068-2
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Relative humidity	0...95 %
Ambient air temperature for operation	40...50 °C (with current derating 1.5 % per °C) -10...40 °C (without current derating)
Ambient air temperature for storage	-40...65 °C

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<b>Operating altitude</b>	<= 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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<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	65.0 cm
<b>Package 1 Width</b>	50.0 cm
<b>Package 1 Length</b>	100.0 cm
<b>Package 1 Weight</b>	230.0 kg

## 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

EU RoHS Directive

[Compliant](#)

REACH Regulation

[Free of Substances of Very High Concern above the threshold](#)

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



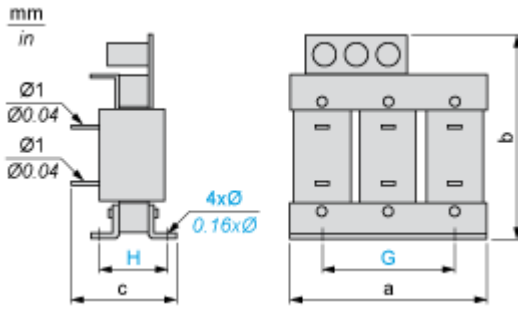
#### Repack and remanufacture

Take-back

No

Dimensions Drawings

Dimensions



Dimensions in mm

a	b	c	G	H	$\varnothing$	$\varnothing 1$
420	700	380	370	244	11 x 15	11

Dimensions in in.

a	b	c	G	H	$\varnothing$	$\varnothing 1$
16.53	27.56	14.96	14.57	9.61	0.43 x 0.59	0.55

Mounting and Clearance

Mounting Recommendations

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