

Product datasheet

Specifications



sinus filter - 400 A - for Altivar variable speed drive

VW3A5209

Main

Product or component type	Sinus filter
Range compatibility	Altivar 61Q Altivar 71Q Altivar 61 Altivar Process ATV900 Altivar 71 Altivar Process ATV600
Product specific application	Output filter
[In] rated current	400 A
Thermal losses	1900 W at 100 Hz
Product compatibility	ATV61HC22N4 ATV61QC20N4 ATV61QC25N4 ATV71HC20N4 ATV71HC25N4 ATV71QC20N4 ATV71QC25N4 ATV630 variable speed drive wall mount - 220 kW, 380...480 V ATV930 variable speed drive wall mount - 220 kW, 380...480 V
Switching frequency	4...8 kHz
Maximum output frequency	100 Hz
maximum permissible voltage	500 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)
Product weight	190 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 %

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

Ambient air temperature for operation	40...50 °C (with current derating 1.5 % per °C) -10...40 °C (without current derating)
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Ambient air temperature for storage	-40...65 °C
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Operating altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	80.0 cm
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Package 1 Width	39.0 cm
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Package 1 Length	59.0 cm
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Package 1 Weight	168.5 kg
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Contractual warranty

Warranty (in months)	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



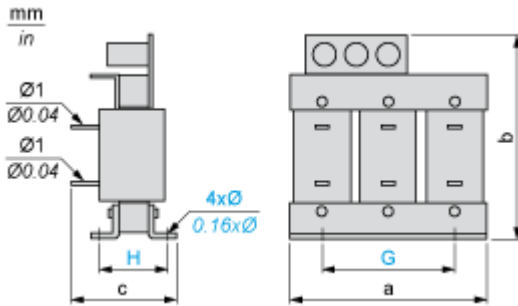
Repack and remanufacture

Take-back

No

Dimensions Drawings

Dimensions



Dimensions in mm

a	b	c	G	H	Ø	Ø1
480	600	340	430	238	13 x 18	11

Dimensions in in.

a	b	c	G	H	Ø	Ø1
18.90	23.62	13.38	16.93	9.37	0.51 x 0.71	0.43

Mounting and Clearance

Mounting Recommendations

