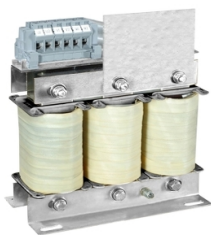


# Product datasheet

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)
Net 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 %

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
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	80.0 cm
Package 1 Width	39.0 cm
Package 1 Length	59.0 cm
Package 1 Weight	168.5 kg

## Contractual warranty

Warranty	18 months
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## Sustainability





**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

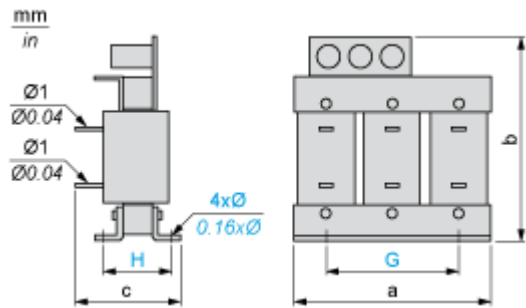
[Guide to assess a product's sustainability >](#)

## Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation		<a href="#">REACH Declaration</a>
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation		<a href="#">China RoHS declaration</a>

Dimensions Drawings

Dimensions



Dimensions in mm

a	b	c	G	H	$\varnothing$	$\varnothing 1$
480	600	340	430	238	13 x 18	11

Dimensions in in.

a	b	c	G	H	$\varnothing$	$\varnothing 1$
18.90	23.62	13.38	16.93	9.37	0.51 x 0.71	0.43

Mounting and Clearance

Mounting Recommendations

