

Product datasheet

Specifications



sinus filter - 600 A - for Altivar variable speed drive

VW3A5210

Main

Product Or Component Type	Sinus filter
Range Compatibility	Altivar Process ATV900 Altivar 71 Altivar Process ATV600 Altivar 61 Altivar 61Q Altivar 71Q
Product Specific Application	Output filter
[In] Rated Current	600 A
Thermal Losses	2370 W at 100 Hz
Product Compatibility	ATV61QC25N4 ATV71HC25N4 ATV71QC25N4 ATV61HC25N4 ATV61HC31N4 ATV61HC40N4 ATV61QC31N4 ATV61QC40N4 ATV71HC28N4 ATV71HC31N4 ATV71HC40N4 ATV71QC31N4 ATV71QC40N4 ATV930 variable speed drive wall mount - 250 kW, 380...480 V ATV930 variable speed drive wall mount - 315 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: 14 mm
Maximum Voltage Drop At Rated Load	10 %
Max Current	1.5 x nominal current (duration = 60 s)
Net Weight	260 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

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

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
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	95.0 cm
Package 1 Width	45.0 cm
Package 1 Length	70.0 cm
Package 1 Weight	224.5 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-CO₂ 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 >](#)

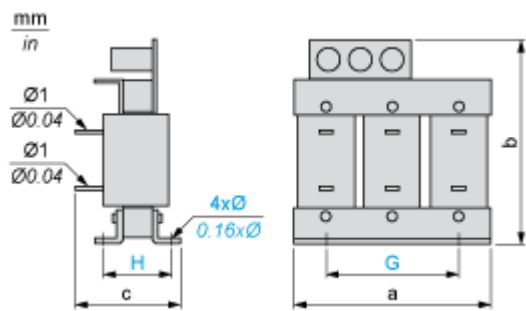
[Guide to assess a product's sustainability >](#)

Well-being performance

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

Dimensions Drawings

Dimensions



Dimensions in mm

a	b	c	G	H	Ø	Ø1
480	710	370	430	258	13 x 18	14

Dimensions in in.

a	b	c	G	H	Ø	Ø1
18.90	27.95	14.57	16.93	10.16	0.51 x 0.71	0.55

Mounting and Clearance

Mounting Recommendations

