

Product datasheet

Specifications



sinus filter - 33 A - for Altivar variable speed drive

VW3A5203

 **Discontinued on:** 3 Mar 2022

 **Discontinued**

Main

Product Or Component Type	Sinus filter
Range Compatibility	Altivar 71 Altivar 61
Product Specific Application	Output filter
[In] Rated Current	33 A
Thermal Losses	120 W at 100 Hz
Product Compatibility	ATV61HD11N4 ATV61HD15N4 ATV61HU40M3 ATV61HU55M3 ATV61HU75M3 ATV61HU75N4 ATV61WD11N4 ATV61WD11N4C ATV61WD15N4 ATV61WD15N4C ATV61WU75N4 ATV61WU75N4C ATV71HD11N4 ATV71HD15N4 ATV71HU40M3 ATV71HU55M3 ATV71HU75M3 ATV71HU75N4 ATV71PD11N4Z ATV71PU75N4Z ATV71WD11N4 ATV71WD15N4 ATV71WU75N4
Switching Frequency	4...8 kHz
Maximum Output Frequency	100 Hz
Maximum Permissible Voltage	500 V AC

Complementary

Maximum Motor Cable Length	1000 m P motor 7.5 kW at 400 V 1000 m P motor 11 kW at 400 V 1000 m P motor 15 kW at 400 V
Electrical Connection	Terminal 10 mm² / AWG 6, 1.5 N.m
Maximum Voltage Drop At Rated Load	10 %
Max Current	1.5 x nominal current (duration = 60 s)
Net Weight	22 kg

Environment

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

Ip Degree Of Protection	IP20
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
Operating Altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m

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 >](#)

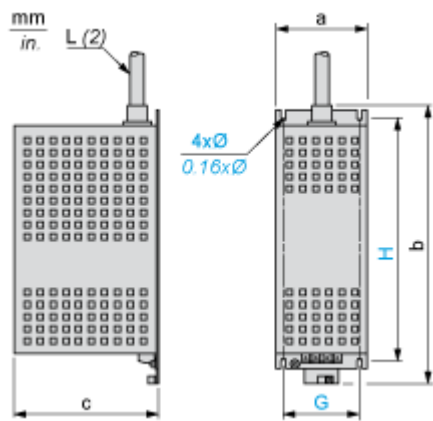
[Guide to assess a product's sustainability >](#)

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
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



(2) Length of the cable integrated in the sinus filter

Dimensions in mm

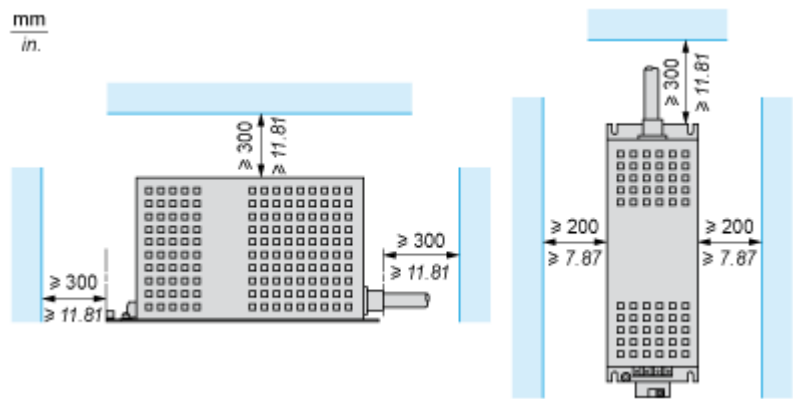
a	b	c	G	H	Ø	L (2)
150	470	240	120	380	6.6	900

Dimensions in in.

a	b	c	G	H	Ø	L (2)
5.90	18.50	9.45	4.72	14.96	0.26	35.43

Mounting and Clearance

Mounting Recommendations



Sinus filters emit considerable heat and must not be placed underneath the drive