

Product data sheet

Characteristics

VW3A5211

sinus filter - 1200 A - for Altivar variable speed drive



Main

Product or component type	Sinus filter
Range compatibility	Altivar 61Q Altivar 61 Altivar 71 Altivar 71Q
Product specific application	Output filter
[In] rated current	1200 A
Thermal losses	5150 W at 100 Hz
Product compatibility	ATV61HC40N4 ATV61QC40N4 ATV71HC40N4 ATV71QC40N4 ATV61HC50N4 ATV61HC63N4 ATV61QC50N4 ATV61QC63N4 ATV71HC50N4 ATV71QC50N4
Switching frequency	4...8 kHz
Maximum output frequency	100 Hz
Maximum permissible voltage	500 V AC

Complementary

Electrical connection	4 bare wires diameter: 11 mm
Maximum voltage drop at rated load	10 %
Max current	1.5 x nominal current (duration = 60 s)
Net weight	600 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
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	60.0 cm
Package 1 Width	88.5 cm
Package 1 Length	120.0 cm
Package 1 Weight	470.0 kg
Unit Type of Package 2	P12
Number of Units in Package 2	1
Package 2 Height	50.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	482.0 kg

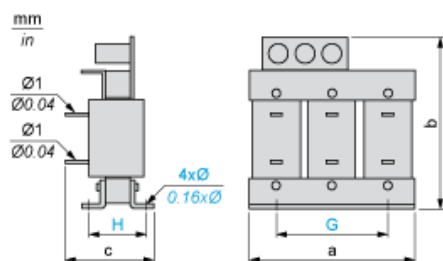
Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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Dimensions



Dimensions in mm

a	b	c	G	H	Ø	Ø1
620	930	500	525	352	13 x 22	4 x Ø11

Dimensions in in.

a	b	c	G	H	Ø	Ø1
24.41	36.61	19.68	20.67	13.86	0.51 x 0.87	0.16 x Ø0.43

Mounting Recommendations

