

Product data sheet

Specifications



sinus filter - 240 A - for Altivar variable speed drive

VW3A5212

Main

Product Or Component Type	Sinus filter
Range Compatibility	Altivar 61 Altivar 71
Product Specific Application	Output filter
[In] Rated Current	240 A
Thermal Losses	1500 W at 100 Hz
Product Compatibility	ATV61HC11Y ATV61HC13Y ATV61HC16Y ATV61HC20Y ATV71HC11Y ATV71HC13Y ATV71HC16Y
Switching Frequency	4...8 kHz
Maximum Output Frequency	100 Hz
Maximum Permissible Voltage	690 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	210 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

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

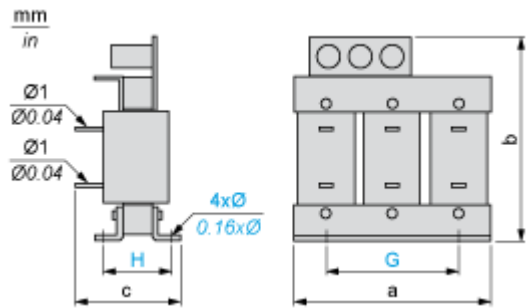
Operating Altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m
--------------------	---

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	65.0 cm
Package 1 Width	50.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	230.0 kg

Dimensions Drawings

Dimensions



Dimensions in mm

a	b	c	G	H	Ø	Ø1
420	700	380	370	244	11 x 15	11

Dimensions in in.

a	b	c	G	H	Ø	Ø1
16.53	27.56	14.96	14.57	9.61	0.43 x 0.59	0.55

Mounting and Clearance

Mounting Recommendations

