

Product datasheet

Specifications



sinus filter - 900 A - for Altivar variable speed drive

VW3A5214

⚠ Discontinued on: Aug 20, 2025

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Main

Product or component type	Sinus filter
Range compatibility	Altivar 71 Altivar 61
Product specific application	Output filter
[In] rated current	900 A
Thermal losses	4810 W at 100 Hz
Product compatibility	ATV61HC50Y ATV61HC63Y ATV61HC80Y ATV71HC40Y ATV71HC50Y ATV71HC63Y
Switching frequency	4...8 kHz
Maximum output frequency	100 Hz
maximum permissible voltage	690 V AC

Complementary

Electrical connection	2 bare wires diameter: 11 mm
Maximum voltage drop at rated load	10 %
Max current	1.5 x nominal current (duration = 60 s)
Product weight	400 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	62.0 cm
Package 1 Width	77.0 cm
Package 1 Length	151.0 cm
Package 1 Weight	426.0 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer

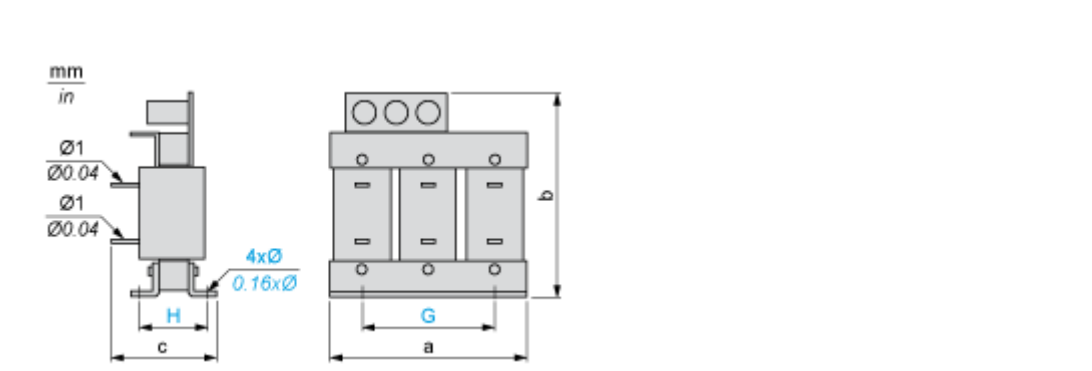
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions



Dimensions in mm

a	b	c	G	H	$\varnothing$	$\varnothing 1$
600	1150	450	525	351	13 x 22	2 x 11

Dimensions in in.

a	b	c	G	H	$\varnothing$	$\varnothing 1$
23.62	45.27	17.72	20.67	13.82	0.51 x 0.87	0.08 x 0.43

Mounting and Clearance

Mounting Recommendations

