

## Product data sheet

### Characteristics

# VW3A5210

## sinus filter - 600 A - for Altivar variable speed drive



### 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
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

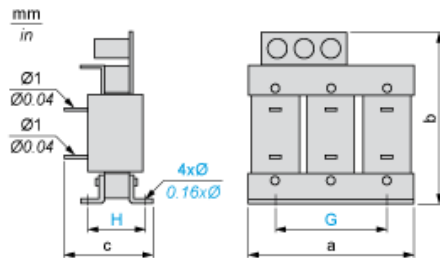
### Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>

### Contractual warranty

Warranty	18 months
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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 Recommendations

