

## Product data sheet

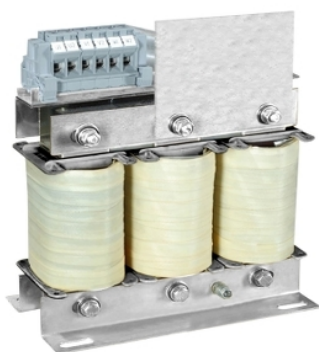
### Characteristics

# VW3A5209

sinus filter - 400 A - for Altivar variable speed drive

Local distributor code: 389856904

EAN Code: 3389119201605



### Main

Product or component type	Sinus filter
Range compatibility	Altivar 61Q Altivar 71Q Altivar 61 Altivar&Nbsp;Process ATV900 Altivar 71 Altivar&nbsp;Process ATV600
Product specific application	Output filter
[In] rated current	400 A
Thermal losses	1900 W at 100 Hz
Product compatibility	ATV61HC22N4 ATV61QC20N4 ATV61QC25N4 ATV71HC20N4 ATV71HC25N4 ATV71QC20N4 ATV71QC25N4 ATV630 variable speed drive wall mount - 220 kW, 380...480 V ATV930 variable speed drive wall mount - 220 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: 11 mm
Maximum voltage drop at rated load	10 %
Max current	1.5 x nominal current (duration = 60 s)
Net weight	190 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	80.0 cm
Package 1 Width	39.0 cm
Package 1 Length	59.0 cm
Package 1 Weight	168.5 kg

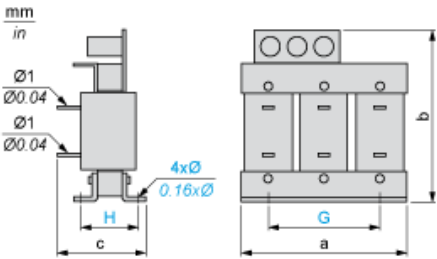
## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
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
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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Dimensions



Dimensions in mm

a	b	c	G	H	Ø	Ø1
480	600	340	430	238	13 x 18	11

Dimensions in in.

a	b	c	G	H	Ø	Ø1
18.90	23.62	13.38	16.93	9.37	0.51 x 0.71	0.43

## Mounting Recommendations

