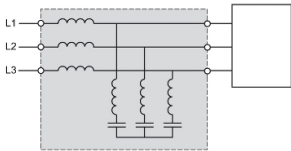


Product datasheet

Specifications



passive filter, Altivar, 144A, 400V,
for variable speed drive

VW3A4609

⚠ Discontinued on: 23 Jan 2021

⚠ Discontinued

Main

Product or component type	Passive filter
Product specific application	Reduction of current harmonics

Complementary

Range compatibility	Altivar 71 Altivar 61
[Us] rated supply voltage	400 V +/- 10 %
power supply frequency	50 Hz +/- 5 %
Quantity per drive	1 filter per drive for ATV61HD75N4 1 filter per drive for ATV61HD90N4 1 filter per drive for ATV61WD75N4 1 filter per drive for ATV61WD75N4C 1 filter per drive for ATV61WD90N4 1 filter per drive for ATV61WD90N4C 1 filter per drive for ATV71HD75N4 1 filter per drive for ATV71HD90N4 1 filter per drive for ATV71WD75N4
[In] rated current	144 A
Network number of phases	3 phases
THDI	10 % for ATV61HD90N4 motor: 90 kW/125 hp 10 % for ATV61WD75N4 motor: 75 kW/100 hp 10 % for ATV61WD75N4C motor: 75 kW/100 hp 10 % for ATV61WD90N4 motor: 90 kW/125 hp 10 % for ATV61WD90N4C motor: 90 kW/125 hp 10 % for ATV71HD90N4 motor: 90 kW/125 hp 16 % for ATV61HD75N4 motor: 75 kW/100 hp 16 % for ATV71HD75N4 motor: 75 kW/100 hp 16 % for ATV71WD75N4 motor: 75 kW/100 hp
Max current	1.5 x nominal current
Efficiency	98 %
Cos phi	1 (150 % of line current) 0.85 (75 % of line current) 0.99 (100 % of line current)
Electrical connection	terminal, connection capacity: 50 mm²
Electrical insulation class	Class F
Net weight	97 kg

Environment

IP degree of protection	IP20
Relative humidity	5...85 % without condensation

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Ambient air temperature for operation	40...55 °C (with current derating 3 % per °C) 5...40 °C (without current derating)
Ambient air temperature for storage	-25...55 °C
Operating altitude	<= 1000 m without current derating > 1000...4000 m with current derating 5 % per 1000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

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 >](#)

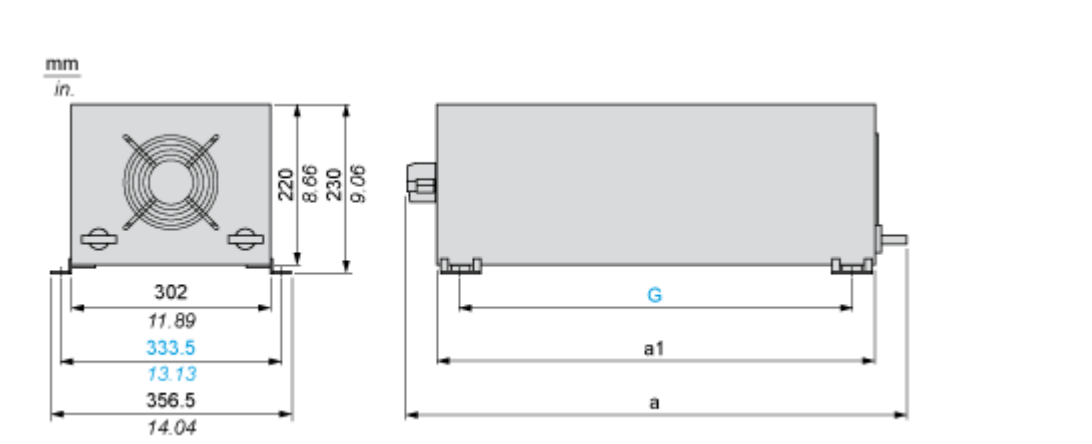
[How we assess product sustainability >](#)

Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

Dimensions



Dimensions in mm

a	a1	G
938	840	772.5

Dimensions in in.

a	a1	G
36.93	33.07	30.41

Mounting and Clearance

Mounting Recommendations

Vertical Mounting Only

