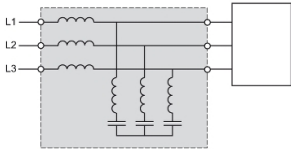


Product data sheet

Specifications



passive filter, Altivar, 101A, 400V,
for variable speed drive

VW3A4608

 **End-of-service on:** Nov 24, 2021

 **Discontinued**

Main

Product Or Component Type	Passive filter
Product Specific Application	Reduction of current harmonics

Complementary

Range Compatibility	Altivar 61 Altivar 71
[Us] Rated Supply Voltage	400 V +/- 10 %
Power Supply Frequency	50 Hz +/- 5 %
Quantity Per Drive	1 filter per drive for ATV61HD45N4 1 filter per drive for ATV61HD55N4 1 filter per drive for ATV61WD45N4 1 filter per drive for ATV61WD45N4C 1 filter per drive for ATV61WD55N4 1 filter per drive for ATV61WD55N4C 1 filter per drive for ATV71HD45N4 1 filter per drive for ATV71HD55N4 1 filter per drive for ATV71WD45N4 1 filter per drive for ATV71WD55N4
[In] Rated Current	101 A
Network Number Of Phases	3 phases
Thdi	10 % for ATV61WD45N4 motor: 45 kW/60 hp 10 % for ATV61WD45N4C motor: 45 kW/60 hp 10 % for ATV61WD55N4 motor: 55 kW/75 hp 10 % for ATV61WD55N4C motor: 55 kW/75 hp 16 % for ATV61HD45N4 motor: 45 kW/60 hp 16 % for ATV61HD55N4 motor: 55 kW/75 hp 16 % for ATV71HD45N4 motor: 45 kW/60 hp 16 % for ATV71HD55N4 motor: 55 kW/75 hp 16 % for ATV71WD45N4 motor: 45 kW/60 hp 16 % for ATV71WD55N4 motor: 55 kW/75 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 mm ²
Electrical Insulation Class	Class F
Net Weight	69 kg

Environment

Ip Degree Of Protection	IP20
-------------------------	------

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

Relative Humidity	5...85 % without condensation
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

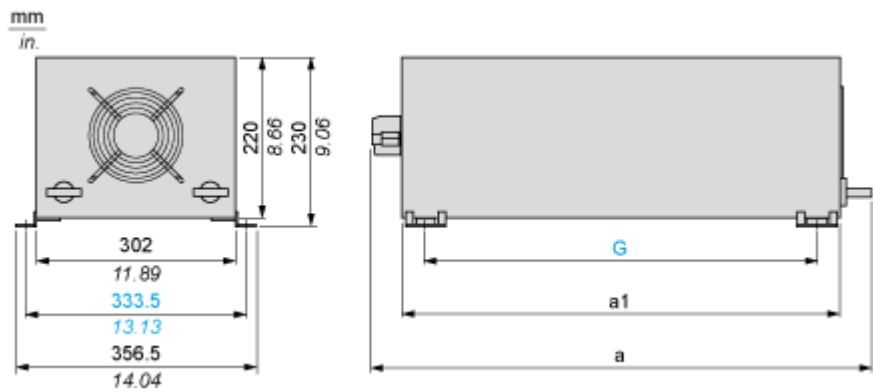
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	18 months
----------	-----------

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

