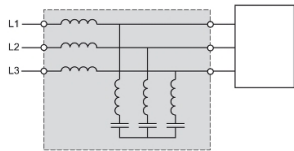


Product data sheet

Specifications



passive filter, Altivar, 370A, 400V, 50Hz, for variable speed drive

VW3A4613

 **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 71 Altivar 61
[Us] Rated Supply Voltage	400 V +/- 10 %
Power Supply Frequency	50 Hz +/- 5 %
Quantity Per Drive	1 filter per drive for ATV61HC22N4 1 filter per drive for ATV71HC20N4 1 filter per drive for ATV71HC25N4 3 filters per drive for ATV61HC63N4
[In] Rated Current	370 A
Network Number Of Phases	3 phases
Thdi	10 % for ATV71HC25N4 ATV71H motor: 250 kW/400 hp 10 % for ATV61HC22N4 ATV61H motor: 220 kW/350 hp 10 % for ATV61HC63N4 ATV61H motor: 560 kW/800 hp 10 % for ATV71HC20N4 ATV71H motor: 200 kW/300 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	bare wires diameter: 16.5 mm
Electrical Insulation Class	Class F
Net Weight	155 kg

Environment

Ip Degree Of Protection	IP20
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...4000 m with current derating 5 % per 1000 m

Packing Units

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

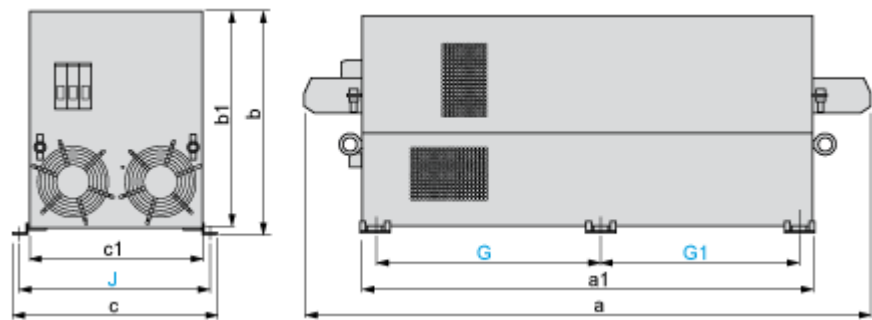
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	18 months
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Dimensions Drawings

Dimensions



Dimensions in mm

a	a1	b	b1	c	c1	G	G1	J
1330	1070	419	409	454	406	515	497	430

Dimensions in in.

a	a1	b	b1	c	c1	G	G1	J
52.36	42.12	16.50	16.10	17.87	15.98	20.27	19.57	16.93

Mounting and Clearance

Mounting Recommendations

Horizontal or Vertical Mounting

