

⚠ 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	2 filters per drive for ATV61HC40N4 2 filters per drive for ATV71HC40N4
[In] rated current	325 A
Network number of phases	3 phases
THDI	5 % for ATV61HC40N4 ATV61H motor: 355 kW 5 % for ATV71HC40N4 ATV71H motor: 355 kW
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	284 kg

Environment

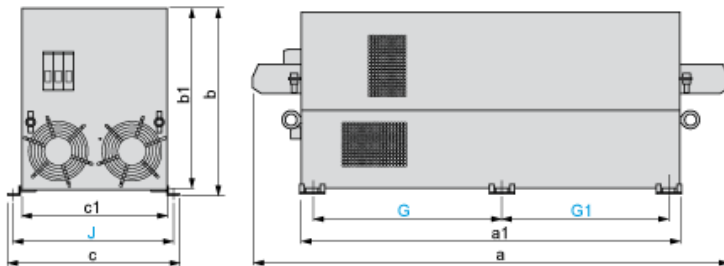
IP degree of protection	IP20
Relative humidity	5...85 % without condensation
Ambient air temperature for operation	40...55 °C (with current derating 3 % per °C) 5...40 °C (without current derating)
Ambient air temperature for storage	-25...55 °C
Operating altitude	<= 1000 m without current derating > 1000...4000 m with current derating 5 % per 1000 m

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.

Contractual warranty

Warranty	18 months
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Dimensions



Dimensions in mm

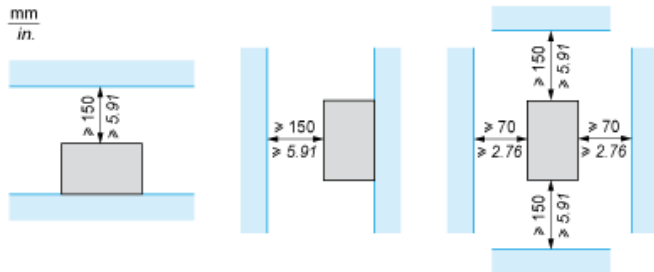
a	a1	b	b1	c	c1	G	G1	J
1330	1070	419	409	454	406	515	497	430

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 Recommendations

Horizontal or Vertical Mounting



VW3A4639 is replaced by:



Options VW3A46136

passive filter - 338 A - 400 V - 50 Hz - for variable speed drive

Qty 1

Reason for Substitution: End of life | Substitution date: 09 April 2014