

ⓘ 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 ATV61HC13N4 1 filter per drive for ATV71HC13N4 2 filters per drive for ATV61HC25N4 2 filters per drive for ATV71HC25N4
[In] rated current	216 A
Network number of phases	3 phases
THDI	10 % for ATV61HC13N4 ATV61H motor: 132 kW/200 hp 10 % for ATV61HC25N4 ATV61H motor: 250 kW/400 hp 10 % for ATV71HC13N4 ATV71H motor: 132 kW/200 hp 10 % for ATV71HC25N4 ATV71H motor: 250 kW/400 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: 12.5 mm
Electrical insulation class	Class F
Net weight	112 kg

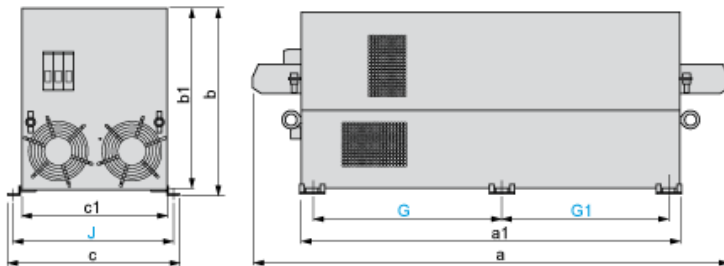
Environment

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

Contractual warranty

Warranty	18 months
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Dimensions



Dimensions in mm

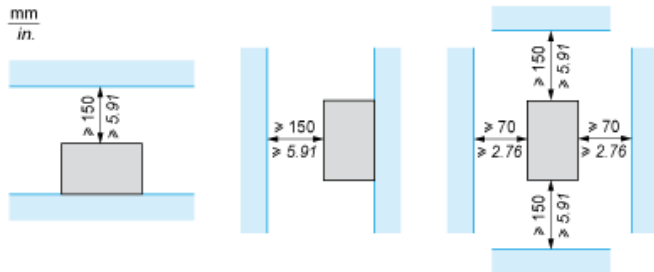
a	a1	b	b1	c	c1	G	G1	J
1060	830	400	390	393	345	395	377	370

Dimensions in in.

a	a1	b	b1	c	c1	G	G1	J
41.73	32.68	15.74	15.35	15.47	13.58	15.55	14.84	14.57

Mounting Recommendations

Horizontal or Vertical Mounting



VW3A4611 may be replaced by any of the following products:



Options VW3A46114

passive filter - 225 A - 400 V - 50 Hz - for variable speed drive

Qty 1

Reason for Substitution: End of life | Substitution date: 14 February 2014 | 02/14/14



Options VW3A46119

passive filter - 450 A - 400 V - 50 Hz - for variable speed drive

Qty 1

Reason for Substitution: End of life | Substitution date: 14 February 2014 | 04/09/14
