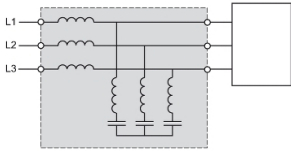


Product data sheet

Specifications



passive filter, Altivar, 289A, 460V, 60Hz, for variable speed drive

VW3A4670

 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	480 V +/- 10 %
Power Supply Frequency	60 Hz +/- 5 %
Quantity Per Drive	1 filter per drive for ATV61HC16N4 1 filter per drive for ATV71HC16N4 2 filters per drive for ATV61HC31N4 2 filters per drive for ATV61HC40N4 2 filters per drive for ATV71HC28N4 2 filters per drive for ATV71HC31N4 2 filters per drive for ATV71HC40N4
[In] Rated Current	289 A
Network Number Of Phases	3 phases
Thdi	5 % for ATV61HC16N4 ATV61H motor: 160 kW/250 hp 5 % for ATV61HC31N4 ATV61H motor: 280 kW/450 hp 5 % for ATV61HC40N4 ATV61H motor: 355 kW 5 % for ATV71HC16N4 ATV71H motor: 160 kW/250 hp 5 % for ATV71HC28N4 ATV71H motor: 280 kW/450 hp 5 % for ATV71HC31N4 ATV71H motor: 315 kW/500 hp 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	215 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)

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 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
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