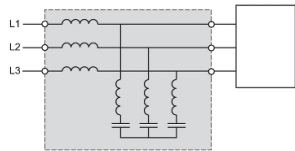


Product data sheet

Specifications

passive filter, Altivar, 6A, 460V,
60Hz, for variable speed drive



VW3A4641

⚠ 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	480 V +/- 10 %
Power Supply Frequency	60 Hz +/- 5 %
Quantity Per Drive	1 filter per drive for ATV61H075N4 1 filter per drive for ATV61HU15N4 1 filter per drive for ATV61HU22N4 1 filter per drive for ATV61HU30N4 1 filter per drive for ATV61W075N4 1 filter per drive for ATV61W075N4C 1 filter per drive for ATV61WU15N4 1 filter per drive for ATV61WU15N4C 1 filter per drive for ATV61WU22N4 1 filter per drive for ATV61WU22N4C 1 filter per drive for ATV61WU30N4 1 filter per drive for ATV61WU30N4C 1 filter per drive for ATV71H075N4 1 filter per drive for ATV71HU15N4 1 filter per drive for ATV71HU22N4 1 filter per drive for ATV71HU30N4 1 filter per drive for ATV71P075N4Z 1 filter per drive for ATV71PU15N4Z 1 filter per drive for ATV71PU22N4Z 1 filter per drive for ATV71PU30N4Z 1 filter per drive for ATV71W075N4 1 filter per drive for ATV71WU15N4 1 filter per drive for ATV71WU22N4 1 filter per drive for ATV71WU30N4
[In] Rated Current	6 A
Network Number Of Phases	3 phases

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

Thdi	10 % for ATV61W075N4 ATV61W motor: 0.75 kW/1 hp 10 % for ATV61W075N4C ATV61W motor: 0.75 kW/1 hp 10 % for ATV61WU15N4 ATV61W motor: 1.5 kW/2 hp 10 % for ATV61WU15N4C ATV61W motor: 1.5 kW/2 hp 10 % for ATV61WU22N4 ATV61W motor: 2.2 kW/3 hp 10 % for ATV61WU22N4C ATV61W motor: 2.2 kW/3 hp 10 % for ATV61WU30N4 ATV61W motor: 3 kW 10 % for ATV61WU30N4C ATV61W motor: 3 kW 16 % for ATV61H075N4 ATV61H motor: 0.75 kW/1 hp 16 % for ATV61HU15N4 ATV61H motor: 1.5 kW/2 hp 16 % for ATV61HU22N4 ATV61H motor: 2.2 kW/3 hp 16 % for ATV61HU30N4 ATV61H motor: 3 kW 16 % for ATV71H075N4 ATV71H motor: 0.75 kW/1 hp 16 % for ATV71HU15N4 ATV71H motor: 1.5 kW/2 hp 16 % for ATV71HU22N4 ATV71H motor: 2.2 kW/3 hp 16 % for ATV71HU30N4 ATV71H motor: 3 kW 16 % for ATV71P075N4Z ATV71P motor: 0.75 kW/1 hp 16 % for ATV71PU15N4Z ATV71P motor: 1.5 kW/2 hp 16 % for ATV71PU22N4Z ATV71P motor: 2.2 kW/3 hp 16 % for ATV71PU30N4Z ATV71P motor: 3 kW 16 % for ATV71W075N4 ATV71W motor: 0.75 kW/1 hp 16 % for ATV71WU15N4 ATV71W motor: 1.5 kW/2 hp 16 % for ATV71WU22N4 ATV71W motor: 2.2 kW/3 hp 16 % for ATV71WU30N4 ATV71W motor: 3 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	terminal, connection capacity: 16 mm²
Electrical Insulation Class	Class F
Net Weight	15 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

Packing Units

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

Contractual warranty

Warranty	18 months
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