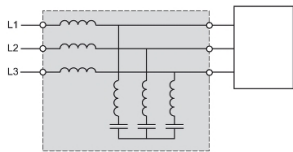


Product datasheet

Specifications



passive filter, Altivar, 10A, 460V,
60Hz, for variable speed drive

VW3A4642

⚠ Discontinued on: 5 Aug 2021

⚠ End-of-service on: 24 Nov 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 ATV61HU40N4 1 filter per drive for ATV61HU55N4 1 filter per drive for ATV61WU40N4 1 filter per drive for ATV61WU40N4C 1 filter per drive for ATV61WU55N4 1 filter per drive for ATV61WU55N4C 1 filter per drive for ATV71HU40N4 1 filter per drive for ATV71HU55N4 1 filter per drive for ATV71PU40N4Z 1 filter per drive for ATV71PU55N4Z 1 filter per drive for ATV71WU40N4 1 filter per drive for ATV71WU55N4
[In] rated current	10 A
Network number of phases	3 phases
THDI	10 % for ATV61WU40N4 ATV61W motor: 4 kW/5 hp 10 % for ATV61WU40N4C ATV61W motor: 4 kW/5 hp 10 % for ATV61WU55N4 ATV61W motor: 5.5 kW/7.5 hp 10 % for ATV61WU55N4C ATV61W motor: 5.5 kW/7.5 hp 16 % for ATV61HU40N4 ATV61H motor: 4 kW/5 hp 16 % for ATV61HU55N4 ATV61H motor: 5.5 kW/7.5 hp 16 % for ATV71HU40N4 ATV71H motor: 4 kW/5 hp 16 % for ATV71HU55N4 ATV71H motor: 5.5 kW/7.5 hp 16 % for ATV71PU40N4Z ATV71P motor: 4 kW/5 hp 16 % for ATV71PU55N4Z ATV71P motor: 5.5 kW/7.5 hp 16 % for ATV71WU40N4 ATV71W motor: 4 kW/5 hp 16 % for ATV71WU55N4 ATV71W motor: 5.5 kW/7.5 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	terminal, connection capacity: 16 mm²
Electrical insulation class	Class F
Net weight	19 kg

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

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



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer

Lifetime extension	
Repair	No