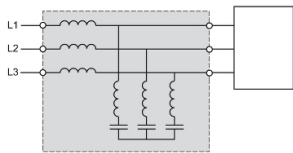


Product datasheet

Specifications



passive filter, Altivar, 43A, 460V,
60Hz, for variable speed drive

VW3A4646

⚠ Discontinued on: 1 Nov 2020

⚠ 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 ATV61HD30N4 1 filter per drive for ATV61WD30N4 1 filter per drive for ATV61WD30N4C 1 filter per drive for ATV71HD30N4 1 filter per drive for ATV71WD30N4
[In] rated current	43 A
Network number of phases	3 phases
THDI	10 % for ATV61WD30N4 ATV61W motor: 30 kW/40 hp 10 % for ATV61WD30N4C ATV61W motor: 30 kW/40 hp 16 % for ATV61HD30N4 ATV61H motor: 30 kW/40 hp 16 % for ATV71HD30N4 ATV71H motor: 30 kW/40 hp 16 % for ATV71WD30N4 ATV71W motor: 30 kW/40 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: 50 mm²
Electrical insulation class	Class F
Net weight	45 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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

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