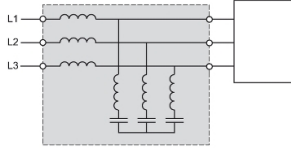


Product datasheet

Specifications

passive filter - 6 A - 400 V - for variable speed drive



VW3A4601

⚠ Discontinued on: 23 Jan 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	400 V +/- 10 %
power supply frequency	50 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 motor: 0.75 kW/1 hp 10 % for ATV61W075N4C motor: 0.75 kW/1 hp 10 % for ATV61WU15N4 motor: 1.5 kW/2 hp 10 % for ATV61WU15N4C motor: 1.5 kW/2 hp 10 % for ATV61WU22N4 motor: 2.2 kW/3 hp 10 % for ATV61WU22N4C motor: 2.2 kW/3 hp 10 % for ATV61WU30N4 motor: 3 kW 10 % for ATV61WU30N4C motor: 3 kW 16 % for ATV61H075N4 motor: 0.75 kW/1 hp 16 % for ATV61HU15N4 motor: 1.5 kW/2 hp 16 % for ATV61HU22N4 motor: 2.2 kW/3 hp 16 % for ATV61HU30N4 motor: 3 kW 16 % for ATV71H075N4 motor: 0.75 kW/1 hp 16 % for ATV71HU15N4 motor: 1.5 kW/2 hp 16 % for ATV71HU22N4 motor: 2.2 kW/3 hp 16 % for ATV71HU30N4 motor: 3 kW 16 % for ATV71P075N4Z motor: 0.75 kW/1 hp 16 % for ATV71PU15N4Z motor: 1.5 kW/2 hp 16 % for ATV71PU22N4Z motor: 2.2 kW/3 hp 16 % for ATV71PU30N4Z motor: 3 kW 16 % for ATV71W075N4 motor: 0.75 kW/1 hp 16 % for ATV71WU15N4 motor: 1.5 kW/2 hp 16 % for ATV71WU22N4 motor: 2.2 kW/3 hp 16 % for ATV71WU30N4 motor: 3 kW
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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 mm ²
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...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 (in months)	18
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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



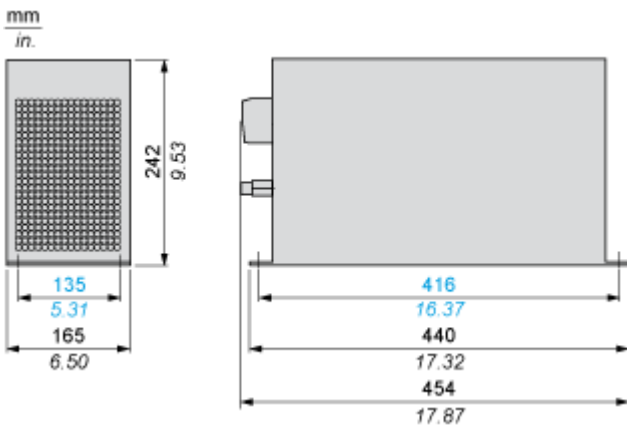
Lifetime extension

Repair

No

Dimensions Drawings

Dimensions



Mounting and Clearance

Mounting Recommendations

Vertical Mounting Only

