

Product datasheet

Specifications



EMC radio interference input filter, for variable speed drive, 3 phase supply

VW3A4702

Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar Process ATV600 Altivar Process ATV900
Product compatibility	Variable speed drive ATV630 wall mount, motor: 3 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 4 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 5.5 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 2.2 kW, 200...240 V Variable speed drive ATV630 wall mount, motor: 3 kW, 200...240 V Variable speed drive ATV650 wall mount, motor: 3 kW, 380...480 V Variable speed drive ATV650 wall mount, motor: 4 kW, 380...480 V Variable speed drive ATV650 wall mount, motor: 5.5 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 3 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 4 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 5.5 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 2.2 kW, 200...240 V Variable speed drive ATV930 wall mount, motor: 3 kW, 200...240 V Variable speed drive ATV950 wall mount, motor: 3 kW, 380...480 V Variable speed drive ATV950 wall mount, motor: 4 kW, 380...480 V Variable speed drive ATV950 wall mount, motor: 5.5 kW, 380...480 V
Product specific application	Radio interference input filter
[In] rated current	15 A
Thermal losses	2.25 W
Network number of phases	Three phase

Complementary

Electrical connection	Terminal 4 mm² AWG 12
Maximum motor cable length	150 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C2, 380...480 V 300 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C3, 380...480 V 150 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C2, 200...240 V 300 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C3, 200...240 V 50 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C1, 200...240 V 50 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C1, 380...480 V
maximum earth leakage current	7.6 mA at 400 V 50 Hz TN 7.6 mA at 400 V 50 Hz TT
power supply voltage	200...240 V 380...480 V
Tolerance	10 %
Mechanical robustness	Shocks class 3M4 conforming to IEC 60721-3-3 Vibrations class 3M4 conforming to IEC 60721-3-3

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

Width	75 mm
Height	240 mm
Depth	140 mm
Product weight	2.4 kg

Environment

IP degree of protection	IP20mounting side by side IP21with kit VW3A47902
Relative humidity	5...95 % without condensation conforming to IEC 61800-5-1
Ambient air temperature for operation	-10...50 °C (without current derating) 50...60 °C (with current derating 1.5 % per °C)
Ambient air temperature for storage	-40...70 °C
Operating altitude	0...1000 m without current derating 1000...4000 m with current derating 1 % per 100 m
Standards	IEC 61800-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.500 cm
Package 1 Width	20.000 cm
Package 1 Length	32.000 cm
Package 1 Weight	2.501 kg
Unit Type of Package 2	P06
Number of Units in Package 2	12
Package 2 Height	45.000 cm
Package 2 Width	80.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	39.452 kg

Contractual warranty

Warranty (in months)	18
----------------------	----



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 Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer

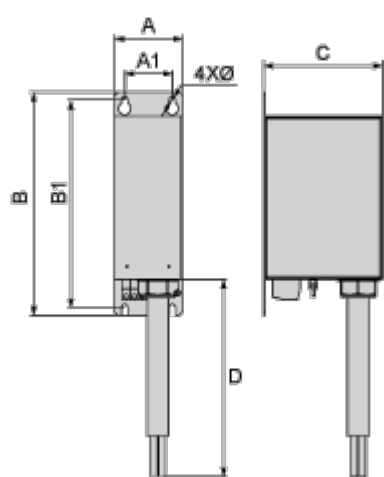
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions



Dimensions in mm

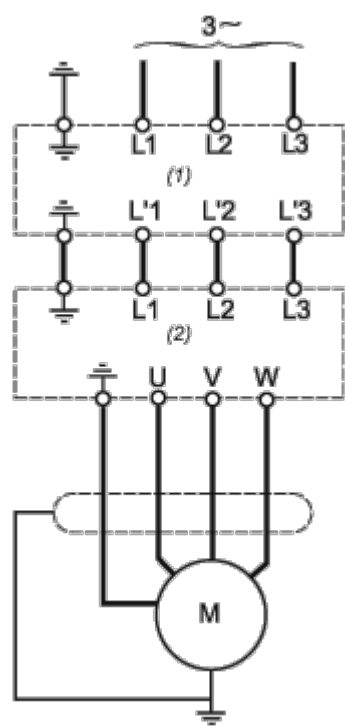
A	B	C	D	A1	B1	Ø
75	240	140	500	45	220	7

Dimensions in in.

A	B	C	D	A1	B1	Ø
3	9.4	5.5	19.7	1.8	8.7	0.28

Connections and Schema

Recommended Schema



- (1) Filter
- (2) Drive