

Product data sheet

Specifications



EMC radio interference input filter - for variable speed drive - 160 A

VW3A4707

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Altivar
Product or Component Type	EMC input filter
Range Compatibility	Altivar Process ATV900 Altivar Machine ATV340 Altivar Process ATV600
Product compatibility	Variable speed drive ATV630 wall mount, 55 kW, 380...480 V Variable speed drive ATV630 wall mount, 30 kW, 200...240 V Variable speed drive ATV630 wall mount, 37 kW, 200...240 V Variable speed drive ATV650 wall mount, 55 kW, 380...480 V Variable speed drive ATV930 wall mount, 55 kW, 380...480 V Variable speed drive ATV930 wall mount, 30 kW, 200...240 V Variable speed drive ATV930 wall mount, 37 kW, 200...240 V Variable speed drive ATV950 wall mount, 55 kW, 380...480 V Variable speed drive ATV34045 kW, 380...480 V
Product Specific Application	Radio interference input filter
Mounting Location	At variable speed drive side
Line Rated Current	160 A
Thermal losses	25 W
Phase	Three phase

Complementary

Electrical connection	Terminal 150 mm ² 300 kcmil
Maximum motor cable length	492.1 ft (150 m) shielded motor cable 4 kHz IEC 61800-3 category C2, 380...480 V 984.3 ft (300 m) shielded motor cable 4 kHz IEC 61800-3 category C3, 380...480 V 492.1 ft (150 m) shielded motor cable 4 kHz IEC 61800-3 category C2, 200...240 V 984.3 ft (300 m) shielded motor cable 4 kHz IEC 61800-3 category C3, 200...240 V 164.04 ft (50 m) shielded motor cable 4 kHz IEC 61800-3 category C1, 200...240 V 164.04 ft (50 m) shielded motor cable 4 kHz IEC 61800-3 category C1, 380...480 V
maximum earth leakage current	13.9 mA 400 V 50 Hz TN 13.9 mA 400 V 50 Hz TT
power supply voltage	200...240 V 380...480 V
Tolerance	10 %
Mechanical robustness	Shocks class 3M4 IEC 60721-3-3 Vibrations class 3M4 IEC 60721-3-3
Width	5.1 in (130 mm)
Height	15.6 in (395 mm)
Depth	9.4 in (240 mm)
Product Weight	18.7 lb(US) (8.5 kg)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Environment

IP degree of protection	IP20mounting side by side IP21with kit VW3A47907
Relative humidity	5...95 % without condensation IEC 61800-5-1
Ambient air temperature for operation	14...122 °F (-10...50 °C) (without current derating) 122...140 °F (50...60 °C) (with current derating 1.5 % per °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Operating altitude	0...3280.84 ft (0...1000 m) without current derating 3280.84...13123.36 ft (1000...4000 m) with current derating 1 % per 100 m
Standards	IEC 61800-3

Ordering and shipping details

Category	US1000122000
Discount Schedule	000I
GTIN	3606480736568
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.48 in (19.000 cm)
Package 1 Width	11.61 in (29.500 cm)
Package 1 Length	18.11 in (46.000 cm)
Package weight(Lbs)	20.809 lb(US) (9.439 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	12
Package 2 Height	29.53 in (75.000 cm)
Package 2 Width	23.62 in (60.000 cm)
Package 2 Length	31.50 in (80.000 cm)
Package 2 Weight	278.779 lb(US) (126.452 kg)



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	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

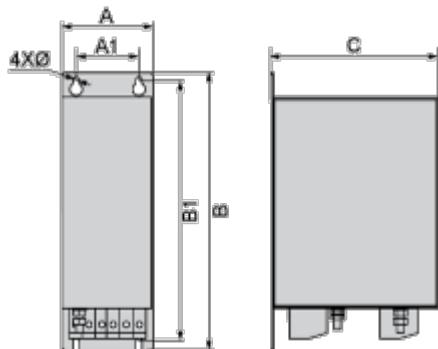
Use Again

Repack and remanufacture

Take-back	No
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Dimensions Drawings

Dimensions



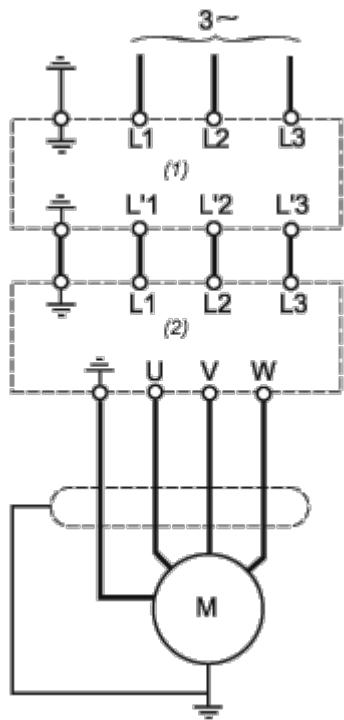
Dimensions in mm

A	B	C	A1	B1	Ø
130	395	240	90	372	9

Dimensions in in.

A	B	C	A1	B1	Ø
5.1	15.6	9.4	3.5	14.6	0.35

Connections and Schema

Recommended Schema

(1) Filter

(2) Drive