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Product data sheet
Characteristics

VW3A4705
EMC radio interference input filter - for variable speed drive - 70 A



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar Process ATV900 Altivar Process ATV600
Product compatibility	Variable speed drive ATV630 wall mount, motor: 30 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 15 kW, 200...240 V Variable speed drive ATV650 wall mount, motor: 30 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 30 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 15 kW, 200...240 V Variable speed drive ATV950 wall mount, motor: 30 kW, 380...480 V
Product specific application	Radio interference input filter
[In] rated current	70 A
Thermal losses	10 W
Network number of phases	Three phase

Complementary

Electrical connection	Terminal 50 mm² AWG 1/0
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	13.9 MA at 400 V 50 Hz TN 13.9 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
Width	100 mm
Height	328 mm
Depth	175 mm
Net weight	6.1 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

IP degree of protection	IP20mounting side by side IP21with kit VW3A47905
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

Offer Sustainability

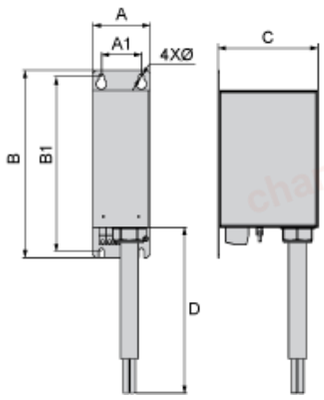
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes

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Dimensions Drawings

Dimensions



Dimensions in mm

A	B	C	D	A1	B1	Ø
100	328	175	1000	70	305	9

Dimensions in in.

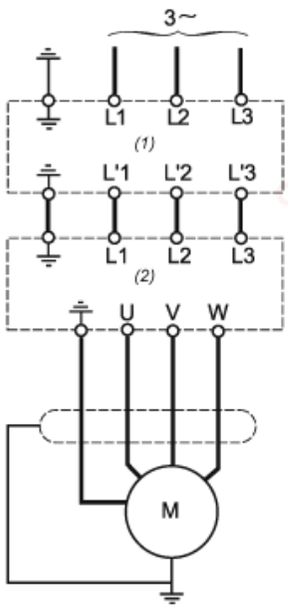
A	B	C	D	A1	B1	Ø
3.9	12.9	6.9	39.4	2.8	12	0.35

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Product data sheet
Connections and Schema

VW3A4705

Recommended Schema



(1) Filter
(2) Drive