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Product data sheet
Characteristics

VW3A31403
additionnal EMC filter S6 M2 - 1-phase supply - 16 A



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Lexium 05 Altivar 312 Altivar 31C Lexium 23 Plus Altivar 312 Solar Altivar Machine ATV320
Product compatibility	Servo drive LXM23 motor: 0.75 kW Servo drive LXM23 motor: 1 kW Servo drive LXM23 motor: 1.5 kW ATV312HU11M2 ATV312HU15M2 ATV31CU11M2 ATV31CU15M2 LXM05AD17F1 LXM05AD17M2 LXM05BD17F1 LXM05BD17M2 LXM05CD17M2 Variable speed drive ATV320...C motor: 1.1 kW, 200...240 V single phase Variable speed drive ATV320...C motor: 1.5 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 1.1 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 1.5 kW, 200...240 V single phase
Product specific application	Radio interference input filter
[In] rated current	16 A
Thermal losses	6.9 W for ATV31CU11M2
Network number of phases	Single phase

Complementary

Maximum earth leakage current	150 mA 50 Hz
Power supply voltage	200…240 V
Tolerance	10 %
Product weight	0.775 kg

Environment

IP degree of protection	IP20 IP41 (upper part)
Relative humidity	0…93 % conforming to IEC 68-2-3
Ambient air temperature for operation	-10…50 °C
Ambient air temperature for storage	-25…70 °C
Operating altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m
Vibration resistance	1 gn (f= 13…150 Hz) conforming to IEC 60068-2-6 1.5 mm peak to peak (f= 3…13 Hz) conforming to IEC 60068-2-6
Shock resistance	15 gn for 11 ms conforming to EN/IEC 60068-2-27
Standards	EN 133200 EN/IEC 61800-3

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.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.0 cm
Package 1 Width	18.6 cm
Package 1 Length	24.2 cm
Package 1 Weight	632.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.043 kg

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

Contractual warranty

Warranty	18 months

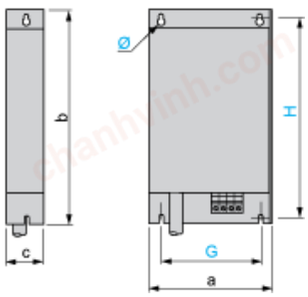
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Product data sheet
Dimensions Drawings

VW3A31403

Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
107	195	35	85	180	4.5

Dimensions in in.

a	b	c	G	H	Ø
4.12	7.68	1.38	3.35	7.09	0.18

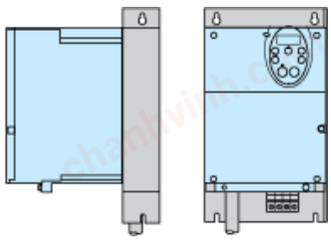
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Product data sheet
Mounting and Clearance

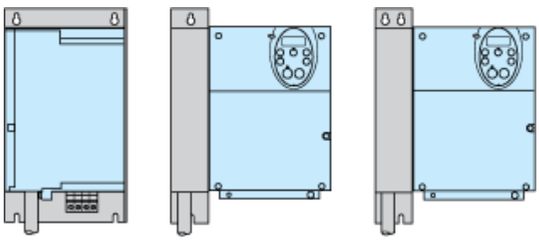
VW3A31403

Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive



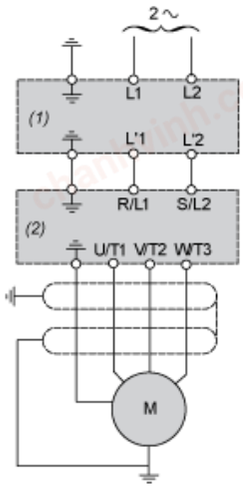
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Product data sheet
Connections and Schema

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Recommended Schema



(1) Filter
(2) Drive