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Product data sheet
Characteristics

VW3A31401
additionnal EMC filter S3 S4 M2 - 1-phase supply - 9 A



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Lexium SD3 Altivar 312 Solar Lexium 23 Plus Altivar Machine ATV320 Altivar 312 Altivar 31C Lexium 05
Product compatibility	Servo drive LXM23 motor: 0.1 kW Servo drive LXM23 motor: 0.2 kW Servo drive LXM23 motor: 0.4 kW ATV312H018M2 ATV312H037M2 ATV312H055M2 ATV312H075M2 ATV31C018M2 ATV31C037M2 ATV31C055M2 ATV31C075M2 LXM05AD10F1 LXM05AD10M2 LXM05BD10F1 LXM05BD10M2 LXM05CD10M2 Variable speed drive ATV320...C motor: 0.18 kW, 200...240 V single phase Variable speed drive ATV320...C motor: 0.37 kW, 200...240 V single phase Variable speed drive ATV320...C motor: 0.55 kW, 200...240 V single phase Variable speed drive ATV320...C motor: 0.75 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 0.18 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 0.37 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 0.55 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 0.75 kW, 200...240 V single phase
Product specific application	Radio interference input filter
[In] rated current	9 A
Thermal losses	3.7 W for ATV31C018M2
Network number of phases	Single phase

Complementary

Maximum earth leakage current	100 mA 50 Hz
Power supply voltage	200…240 V
Tolerance	10 %
Product weight	0.6 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	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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.000 cm
Package 1 Width	18.700 cm
Package 1 Length	24.000 cm
Package 1 Weight	499.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.891 kg
Unit Type of Package 3	P06
Number of Units in Package 3	56
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	42.148 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

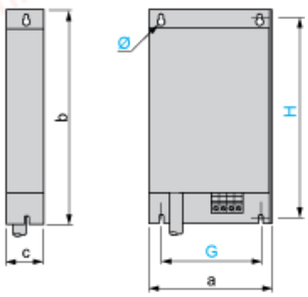
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Product data sheet
Dimensions Drawings

VW3A31401

Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
72	195	37	52	180	4.5

Dimensions in in.

a	b	c	G	H	Ø
2.83	7.68	1.46	2.05	7.09	0.18

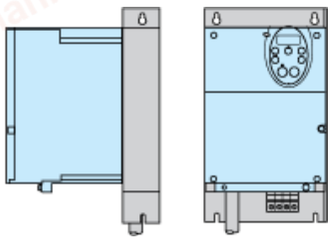
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Product data sheet
Mounting and Clearance

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Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive

