

# VW3A31404

## additional EMC input filter - 3-phase supply - 15 A



### Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar 31C Lexium 23 Plus Altivar 312 Altivar 312 Solar Altivar Machine ATV320 Lexium 05 Altivar 212
Product compatibility	Servo drive LXM23 motor: 0.75 kW Servo drive LXM23 motor: 1 kW Servo drive LXM23 motor: 1.5 kW Servo drive LXM23 motor: 2 kW Servo drive LXM23 motor: 3 kW ATV212H075M3X ATV212H075N4 ATV212HU15M3X ATV212HU15N4 ATV212HU22M3X ATV212HU22N4 ATV31C037N4 ATV31C055N4 ATV31C075N4 ATV31CU11N4 ATV31CU15N4 LXM05AD14N4 LXM05AD17M3X LXM05BD14N4 LXM05BD17M3X LXM05CD14N4 ATV312HU11M3 ATV312HU15M3 ATV312HU22M3 ATV312H037N4 ATV312H055N4 ATV312H075N4 ATV312HU11N4 ATV312HU15N4 Variable speed drive ATV320...C motor: 0.37 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 0.55 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 0.75 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 1.1 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 1.5 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 1.1 kW, 200...240 V three phase Variable speed drive ATV320...C motor: 1.5 kW, 200...240 V three phase Variable speed drive ATV320...C motor: 2.2 kW, 200...240 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 0.37 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 0.55 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 0.75 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 1.1 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 1.5 kW, 380...500 V three phase

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.

Product specific application	Radio interference input filter
[In] rated current	15 A
Thermal losses	0.13 W for ATV21H075N4 0.45 W for ATV21HU15N4 0.47 W for ATV21H075M3X 0.9 W for ATV21HU22N4 1.6 W for ATV21HU15M3X 3.3 W for ATV21HU22M3X 9.9 W for ATV31HU11M3X
Network number of phases	Three phase

## Complementary

Electrical connection	Terminal 10 mm <sup>2</sup> AWG 6
Tightening torque	1.8 N.m
Maximum earth leakage current	15 MA at 200...480 V 50 Hz 13.8 MA at 480 V 60 Hz 6.7 mA at 230 V 60 Hz
Power supply voltage	200...240 V 380...500 V
Tolerance	10 %
Net weight	1 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 m without 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 Weight	928 g
Package 1 Height	5.2 cm
Package 1 width	18.7 cm
Package 1 Length	24.2 cm
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Weight	9.993 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	80
Package 3 Weight	88.444 kg
Package 3 Height	77 cm
Package 3 width	80 cm
Package 3 Length	60 cm

## Offer Sustainability

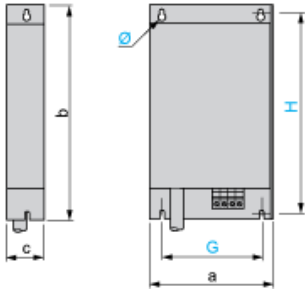
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>

## Contractual warranty

Warranty	18 months
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Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
107	195	42	85	180	4.5

Dimensions in in.

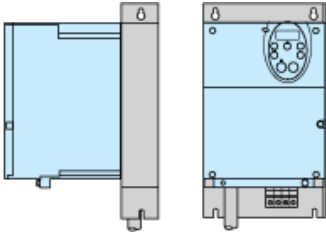
a	b	c	G	H	Ø
4.12	7.68	1.65	3.35	7.09	0.18

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Additional EMC Input Filter

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Mounting the Filter under the Drive



Mounting the Filter next to the Drive

