

# VW3A31406

additional EMC input filter - 3-phase supply -  
25 A



## Main

Range of Product	Altivar
Product or Component Type	EMC input filter
Range Compatibility	Altivar Machine ATV320 Lexium 23 Plus Altivar 212 Altivar 31C Lexium 05 Altivar 312 Altivar 312 Solar
Product compatibility	Servo drive LXM234.5 kW Servo drive LXM235.5 kW ATV212HU30M3X ATV212HU30N4 ATV212HU40M3X ATV212HU40N4 ATV212HU55N4 ATV31CU22N4 ATV31CU30N4 ATV31CU40N4 LXM05AD22N4 LXM05AD34N4 LXM05AD42M3X LXM05BD22N4 LXM05BD34N4 LXM05BD42M3X LXM05CD22N4 LXM05CD34N4 ATV312HU22N4 ATV312HU30N4 ATV312HU40N4 ATV312HU30M3 ATV312HU40M3 Variable speed drive ATV320...C2.2 kW, 380...500 V three phase Variable speed drive ATV320...C3 kW, 380...500 V three phase Variable speed drive ATV320...C4 kW, 380...500 V three phase Variable speed drive ATV320...C3 kW, 200...240 V three phase Variable speed drive ATV320...C4 kW, 200...240 V three phase Variable speed drive ATV320...W/ ATV320...WS2.2 kW, 380...500 V three phase Variable speed drive ATV320...W/ ATV320...WS3 kW, 380...500 V three phase Variable speed drive ATV320...W/ ATV320...WS4 kW, 380...500 V three phase
Product Specific Application	Radio interference input filter
Line Rated Current	25 A
Thermal losses	1 W ATV21HU30N4 3 W ATV21HU55N4 1.6 W ATV21HU40N4 15.8 W ATV31CU22N4 3.6 W ATV21HU30M3X 6.2 W ATV21HU40M3X
Phase	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.

## Complementary

Electrical connection	Terminal 10 mm <sup>2</sup> AWG 6
Tightening torque	15.93 lbf.in (1.8 N.m)
Maximum earth leakage current	35 MA 50 Hz 37 MA 480 V 60 Hz 17.8 mA 480 V 60 Hz
Power supply voltage	380...500 V 200...240 V
Tolerance	10 %
Net Weight	3.64 Lb(US) (1.65 kg) 2.98 lb(US) (1.35 kg)

## Environment

IP degree of protection	IP20 IP41 upper part)
Relative humidity	0...93 % IEC 68-2-3
Ambient air temperature for operation	14...122 °F (-10...50 °C)
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Operating altitude	<= 3280.84 ft (1000 m) without current derating 3280.84...9842.52 ft (1000...3000 m) with current derating 1 % per 100 m
Vibration resistance	1 gn 13...150 Hz)IEC 60068-2-6 1.5 mm peak to peak 3...13 Hz)IEC 60068-2-6
Shock resistance	15 gn 11 ms EN/IEC 60068-2-27
Standards	EN 133200 EN/IEC 61800-3

## Ordering and shipping details

Category	22154 - ATV320/ATV312/ATV32 ACCESSORIES
Discount Schedule	CP4B
GTIN	3389110689488
Nbr. of units in pkg.	1
Package weight(Lbs)	3.20 lb(US) (1.45 kg)
Returnability	No
Country of origin	TH

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.28 in (5.8 cm)
Package 1 width	9.25 in (23.5 cm)
Package 1 Length	11.10 in (28.2 cm)
Unit Type of Package 2	S04
Number of Units in Package 2	11
Package 2 Weight	37.67 lb(US) (17.085 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	15.75 in (40 cm)
Package 2 Length	23.62 in (60 cm)
Unit Type of Package 3	P06
Number of Units in Package 3	44
Package 3 Weight	170.44 lb(US) (77.308 kg)
Package 3 Height	30.31 in (77 cm)
Package 3 width	31.50 in (80 cm)
Package 3 Length	23.62 in (60 cm)

## Offer Sustainability

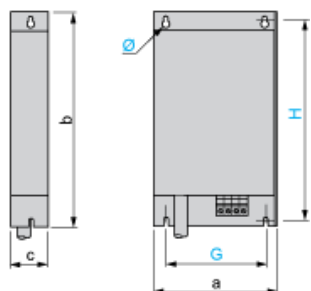
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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
140	235	50	120	215	4.5

Dimensions in in.

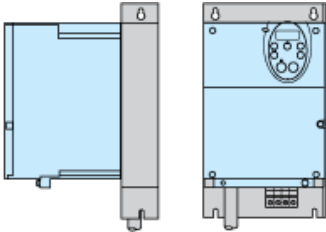
a	b	c	G	H	Ø
5.51	9.25	1.97	4.72	8.46	0.18

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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

