



### Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Lexium 05 Altivar 212 Altivar Machine ATV320 Altivar 31C Altivar 312 Lexium 23 Plus Altivar 312 Solar
Product compatibility	ATV212HU30M3X ATV212HU30N4 ATV212HU40M3X ATV212HU40N4 ATV212HU55N4 ATV31CU22N4 ATV31CU30N4 ATV31CU40N4 LXM05AD22N4 LXM05AD34N4 LXM05AD42M3X LXM05BD22N4 LXM05BD34N4 LXM05BD42M3X LXM05CD22N4 LXM05CD34N4 ATV312HU22N4 ATV312HU30N4 ATV312HU40N4 ATV312HU30M3 ATV312HU40M3 LXM23 at 4.5 kW LXM23 at 5.5 kW ATV320...C at 2.2 kW, 380...500 V three phase ATV320...C at 3 kW, 380...500 V three phase ATV320...C at 4 kW, 380...500 V three phase ATV320...C at 3 kW, 200...240 V three phase ATV320...C at 4 kW, 200...240 V three phase
Product specific application	Radio interference input filter
[In] rated current	25 A
Thermal losses	1 W for ATV21HU30N4 3 W for ATV21HU55N4 1.6 W for ATV21HU40N4 15.8 W for ATV31CU22N4

Disclaimer: 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

3.6 W for ATV21HU30M3X  
6.2 W for ATV21HU40M3X

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Network number of phases	Three phase
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## Complementary

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Electrical connection	Terminal 10 mm <sup>2</sup> AWG 6
Tightening torque	1.8 N.m
Maximum earth leakage current	35 mA 50 Hz 37 mA at 480 V 60 Hz 17.8 mA at 480 V 60 Hz
Power supply voltage	200...240 V 380...500 V
Tolerance	10 %
Product weight	1.65 kg 1.35 kg

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## Environment

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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	1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2-6 1 gn (f = 13...150 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

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## Contractual warranty

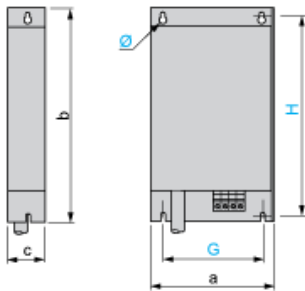
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Warranty period	18 months
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Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
140	235	50	120	215	4.5

Dimensions in in.

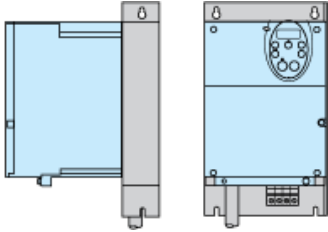
a	b	c	G	H	Ø
5.51	9.25	1.97	4.72	8.46	0.18

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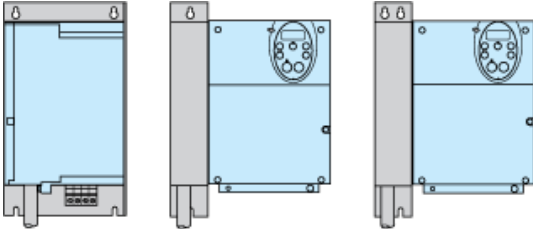
Additional EMC Input Filter

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Mounting the Filter under the Drive



Mounting the Filter next to the Drive



VW3A31406 is replaced by:

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Options VW3A4423

additional EMC filter - 25 A - 3 PH

Qty 1

Reason for Substitution: End of life | Substitution date: 23 September 2011

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