

Product data sheet

Specifications



additionnal EMC input filter - 3-phase supply - 15 A

VW3A31404

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
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

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

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 mm² 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 Height 5.200 cm

Package 1 Width 18.700 cm

Package 1 Length 24.200 cm

Package 1 Weight 930.0 g

Unit Type of Package 2 P06

Number of Units in Package 2 100

Package 2 Height 75.000 cm

Package 2 Width 60.000 cm

Package 2 Length 80.000 cm

Package 2 Weight 103.000 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](#)

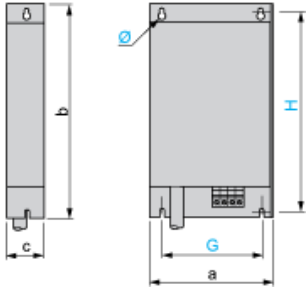
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Additional EMC Input Filters

Dimensions



Dimensions in mm

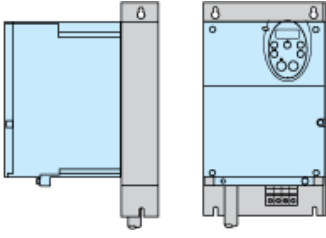
a	b	c	G	H	Ø
107	195	42	85	180	4.5

Dimensions in in.

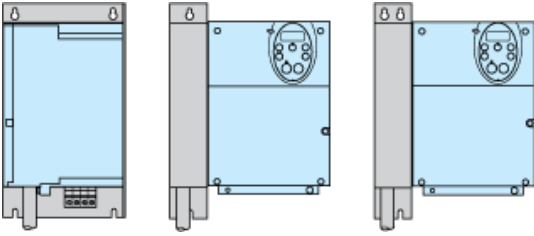
a	b	c	G	H	Ø
4.12	7.68	1.65	3.35	7.09	0.18

Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive



Recommended replacement(s)