

Product datasheet

Specifications



additionnal EMC filter S1 S2 M3 - 3-phase supply - 7 A

VW3A31402

Main

Range Of Product	Altivar
Product Or Component Type	EMC input filter
Range Compatibility	Lexium 05 Altivar 312 Solar Altivar 312 Altivar Machine ATV320
Product Compatibility	ATV312H018M3 ATV312H037M3 ATV312H055M3 ATV312H075M3 LXM05AD10M3X LXM05BD10M3X Variable speed drive ATV320...C motor: 0.18 kW, 200...240 V three phase Variable speed drive ATV320...C motor: 0.37 kW, 200...240 V three phase Variable speed drive ATV320...C motor: 0.55 kW, 200...240 V three phase Variable speed drive ATV320...C motor: 0.75 kW, 200...240 V three phase
Product Specific Application	Radio interference input filter
[In] Rated Current	7 A
Thermal Losses	2.6 W for ATV31H018M3X
Network Number Of Phases	Three phase

Complementary

Maximum Earth Leakage Current	7 mA 50 Hz
Power Supply Voltage	200...240 V
Tolerance	10 %
Net Weight	0.65 kg 0.55 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...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 IEC 60068-2-27

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

Standards	IEC 61800-3
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Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5 cm
Package 1 Width	18.6 cm
Package 1 Length	24.2 cm
Package 1 Weight	542 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	4.328 kg

Contractual warranty

Warranty	18 months
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Sustainability





Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

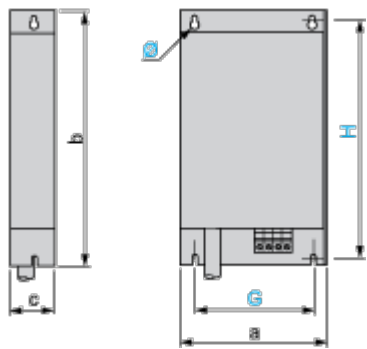
[Guide to assess a product's sustainability >](#)

Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration	

Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
72	195	37	52	180	4.5

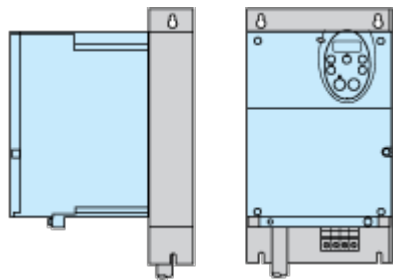
Dimensions in in.

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

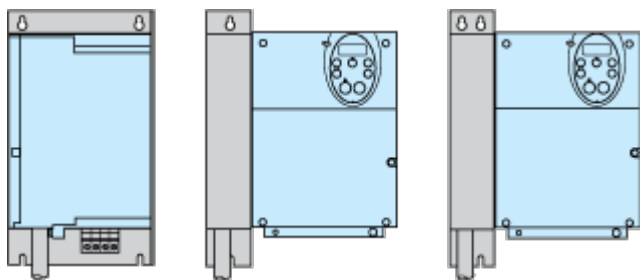
Mounting and Clearance

Additional EMC Input Filter

Mounting the Filter under the Drive

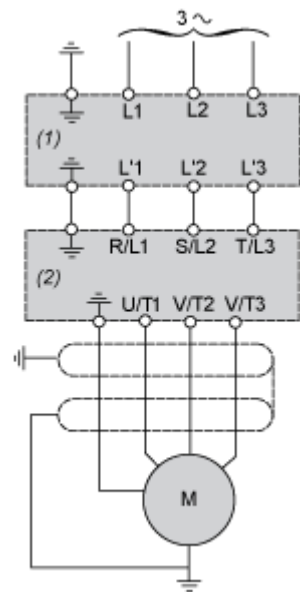


Mounting the Filter next to the Drive



Connections and Schema

Recommended Schema



- (1) Filter
- (2) Drive