

Product data sheet

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	Lexion 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 ATV312H018M3X
Network number of phases	Three phase

Complementary

maximum earth leakage current	7 mA 50 Hz
power supply voltage	200...240 V
Tolerance	10 %
Product 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

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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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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

Use Again

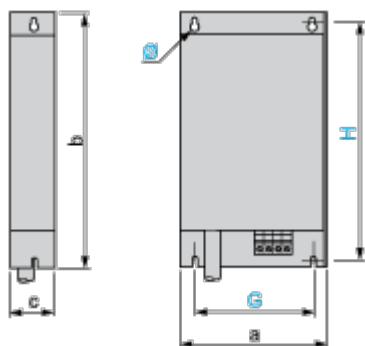
Repack and remanufacture

Take-back	No
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Dimensions Drawings

Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
72	195	37	52	180	4.5

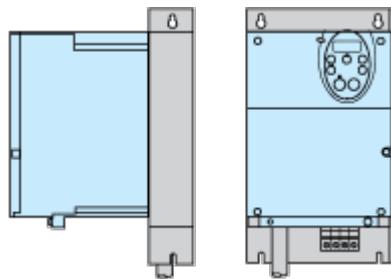
Dimensions in in.

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

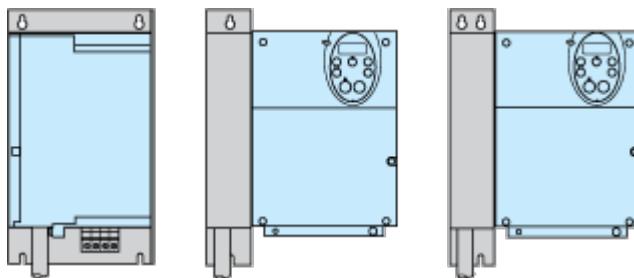
Mounting and Clearance

Additional EMC Input Filter

Mounting the Filter under the Drive

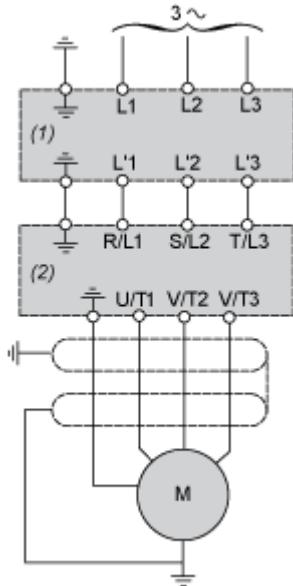


Mounting the Filter next to the Drive



Connections and Schema

Recommended Schema



- (1) Filter
- (2) Drive