



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar 312 Lexium 05 Altivar 312 Solar Altivar 31C Altivar Machine ATV320
Product compatibility	ATV312HU22M2 ATV312CU22M2 LXM05AD28F1 LXM05AD28M2 LXM05BD28F1 LXM05BD28M2 LXM05CD28M2 Variable speed drive ATV320...C motor: 2.2 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 2.2 kW, 200...240 V single phase
Product specific application	Radio interference input filter
[In] rated current	22 A
Thermal losses	7.5 W for ATV312CU22M2
Network number of phases	Single phase

Complementary

Maximum earth leakage current	80 mA 50 Hz
Power supply voltage	200...240 V
Tolerance	10 %
Net weight	1.13 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 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 Weight	967 g
Package 1 Height	5.7 cm
Package 1 width	23.7 cm
Package 1 Length	28.2 cm

Unit Type of Package 2	S04
Number of Units in Package 2	11
Package 2 Weight	11.818 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm
Unit Type of Package 3	P06
Number of Units in Package 3	44
Package 3 Weight	56.056 kg
Package 3 Height	77 cm
Package 3 width	80 cm
Package 3 Length	60 cm

Offer Sustainability

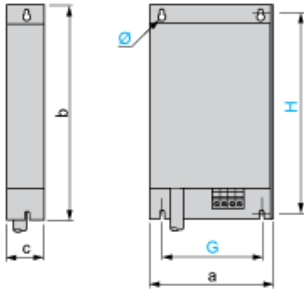
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

Contractual warranty

Warranty	18 months
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Additional EMC Input Filters

Dimensions



Dimensions in mm

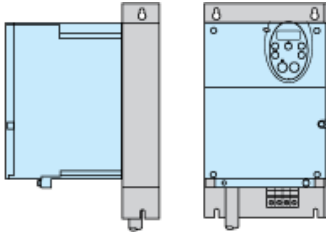
a	b	c	G	H	\varnothing
140	235	35	120	215	4.5

Dimensions in in.

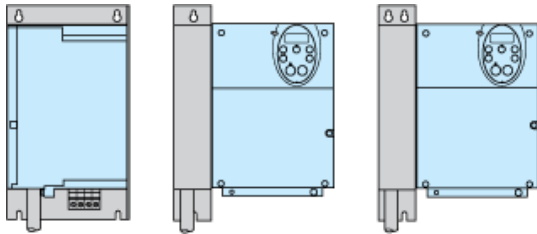
a	b	c	G	H	\varnothing
5.51	9.25	1.38	4.72	8.46	0.18

Additional EMC Input Filter

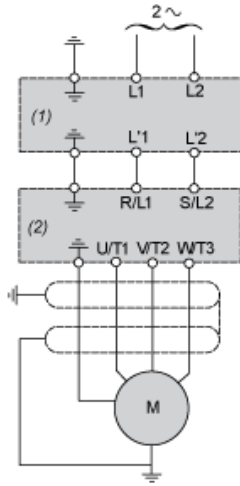
Mounting the Filter under the Drive



Mounting the Filter next to the Drive



Recommended Schema



- (1) Filter
- (2) Drive