



## Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar 312 Lexium 05 Altivar 312 Solar Altivar Machine ATV320
Product compatibility	ATV320...C at 0.18 kW, 200...240 V three phase ATV320...C at 0.37 kW, 200...240 V three phase ATV320...C at 0.55 kW, 200...240 V three phase ATV320...C at 0.75 kW, 200...240 V three phase
Product specific application	Radio interference input filter
Line Rated Current	7 A
Thermal losses	2.6 W ATV31H018M3X
Phase	Three phase

## Complementary

Earth leakage current	7 mA 50 Hz
Network rated voltage	200...240 V
Tolerance	10 %
Product weight	1.21 lb(US) (0.55 kg) 1.43 lb(US) (0.65 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	14...122 °F (-10...50 °C)
ambient air temperature for storage	-13...158 °F (-25...70 °C)
operating altitude	<= 3280.84 ft (1000 m) without current derating 3280.84...9842.52 ft (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 11 ms conforming to EN/IEC 60068-2-27
standards	EN 133200 EN/IEC 61800-3

## Offer Sustainability

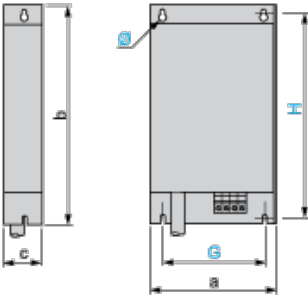
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.	Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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## Additional EMC Input Filters

Dimensions



Dimensions in mm

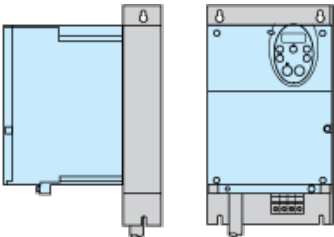
a	b	c	G	H	Ø
72	195	37	52	180	4.5

Dimensions in in.

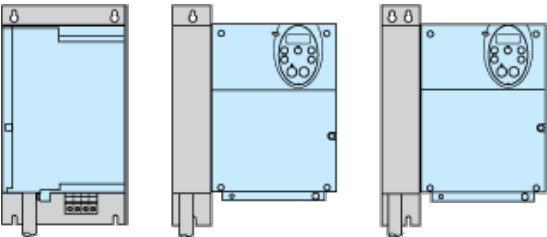
a	b	c	G	H	Ø
2.83	7.68	1.46	2.05	7.09	0.18

Additional EMC Input Filter

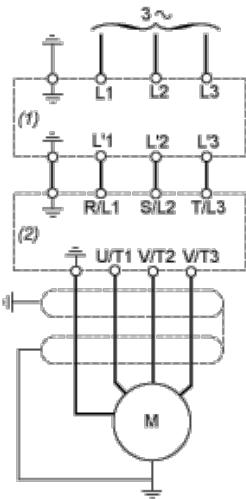
Mounting the Filter under the Drive



Mounting the Filter next to the Drive



Recommended Schema



- (1) Filter
- (2) Drive