

Product data sheet

Specifications



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

VW3A31402

Product availability: Non-Stock - Not normally stocked in distribution facility

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...C0.18 kW, 200...240 V three phase Variable speed drive ATV320...C0.37 kW, 200...240 V three phase Variable speed drive ATV320...C0.55 kW, 200...240 V three phase Variable speed drive ATV320...C0.75 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

maximum earth leakage current	7 mA 50 Hz
power supply voltage	200...240 V
Tolerance	10 %
Product Weight	1.43 lb(US) (0.65 kg) 1.21 lb(US) (0.55 kg)

Environment

IP degree of protection	IP20 IP41 upper part)
Relative humidity	0...93 % 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 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 11 ms IEC 60068-2-27

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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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Ordering and shipping details

Category	US1CP4B22154
Discount Schedule	CP4B
GTIN	3389110689020
Returnability	Yes
Country of origin	TH

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.0 in (5 cm)
Package 1 Width	7.3 in (18.6 cm)
Package 1 Length	9.5 in (24.2 cm)
Package weight(Lbs)	19.1 oz (542 g)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	9.542 lb(US) (4.328 kg)

Contractual warranty

Warranty (in months)	18
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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	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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 Longer

Lifetime extension	
Repair	No

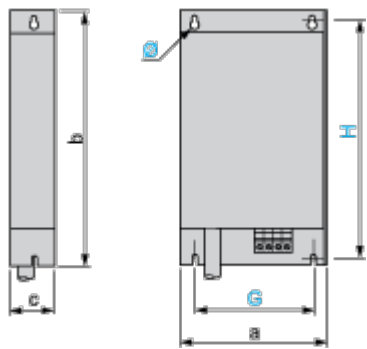
Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
72	195	37	52	180	4.5

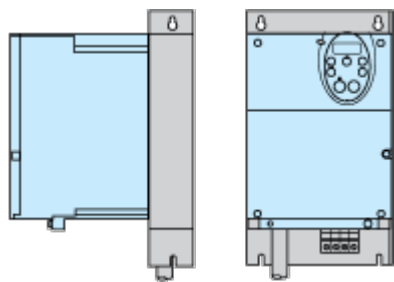
Dimensions in in.

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

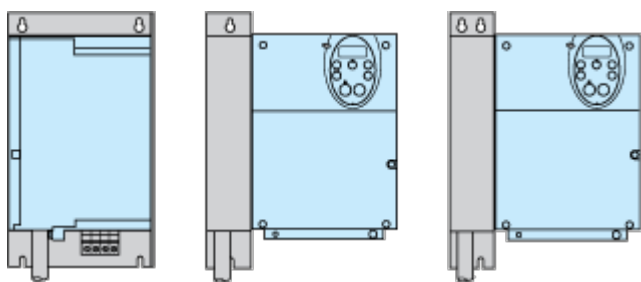
Mounting and Clearance

Additional EMC Input Filter

Mounting the Filter under the Drive

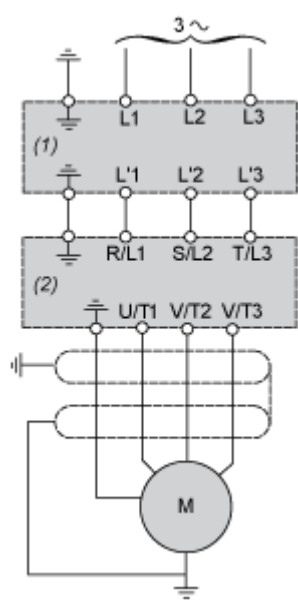


Mounting the Filter next to the Drive



Connections and Schema

Recommended Schema



- (1) Filter
- (2) Drive