

Product data sheet

Specifications



additionnal EMC input filter - 3-phase supply - 25 A

VW3A31406

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Altivar
Product or Component Type	EMC input filter
Range Compatibility	Altivar Machine ATV320 Lexium 23 Plus Altivar 212 Altivar 31C Lexium 05 Altivar 312 Altivar 312 Solar
Product compatibility	Servo drive LXM234.5 kW Servo drive LXM235.5 kW ATV212HU30M3X ATV212HU30N4 ATV212HU40M3X ATV212HU40N4 ATV212HU55N4 ATV31CU22N4 ATV31CU30N4 ATV31CU40N4 LXM05AD22N4 LXM05AD34N4 LXM05AD42M3X LXM05BD22N4 LXM05BD34N4 LXM05BD42M3X LXM05CD22N4 LXM05CD34N4 ATV312HU22N4 ATV312HU30N4 ATV312HU40N4 ATV312HU30M3 ATV312HU40M3 Variable speed drive ATV320...C2.2 kW, 380...500 V three phase Variable speed drive ATV320...C3 kW, 380...500 V three phase Variable speed drive ATV320...C4 kW, 380...500 V three phase Variable speed drive ATV320...C3 kW, 200...240 V three phase Variable speed drive ATV320...C4 kW, 200...240 V three phase Variable speed drive ATV320...W/ATV320...WS2.2 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS3 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS4 kW, 380...500 V three phase
Product Specific Application	Radio interference input filter
Line Rated Current	25 A
Thermal losses	1 W ATV21HU30N4 3 W ATV21HU55N4 1.6 W ATV21HU40N4 15.8 W ATV31CU22N4 3.6 W ATV21HU30M3X 6.2 W ATV21HU40M3X
Phase	Three phase

Complementary

Electrical connection	Terminal 10 mm² AWG 6
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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

Tightening torque	15.9 lbf.in (1.8 N.m)
maximum earth leakage current	35 mA 50 Hz 37 mA 480 V 60 Hz 17.8 mA 480 V 60 Hz
power supply voltage	380...500 V 200...240 V
Tolerance	10 %
Product Weight	3.64 lb(US) (1.65 kg) 2.98 lb(US) (1.35 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
Standards	IEC 61800-3

Ordering and shipping details

Category	US1CP4B22154
Discount Schedule	CP4B
GTIN	3389110689488
Returnability	Yes
Country of origin	TH

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.283 in (5.800 cm)
Package 1 Width	9.252 in (23.500 cm)
Package 1 Length	11.102 in (28.200 cm)
Package weight(Lbs)	3.298 lb(US) (1.496 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	11
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	37.990 lb(US) (17.232 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	44

Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)
Package 3 Length	31.496 in (80.000 cm)
Package 3 Weight	174.007 lb(US) (78.928 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

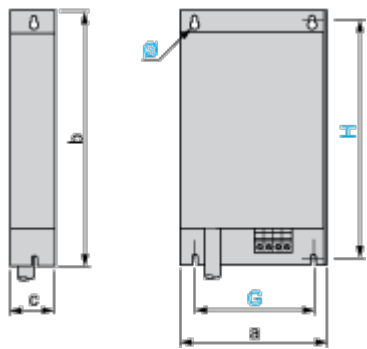
Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
140	235	50	120	215	4.5

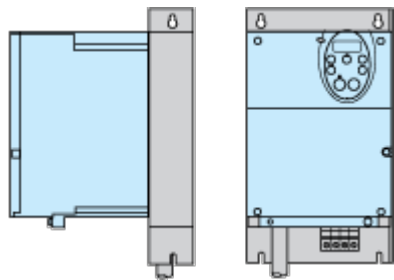
Dimensions in in.

a	b	c	G	H	Ø
5.51	9.25	1.97	4.72	8.46	0.18

Mounting and Clearance

Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive

