

# Product data sheet

Specifications



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

VW3A31406

**Product availability:** Non-Stock - Not 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

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

<b>Electrical connection</b>	Terminal 10 mm <sup>2</sup> AWG 6
<b>Tightening torque</b>	15.9 lbf.in (1.8 N.m)
<b>maximum earth leakage current</b>	35 mA 50 Hz 37 mA 480 V 60 Hz 17.8 mA 480 V 60 Hz
<b>power supply voltage</b>	380...500 V 200...240 V
<b>Tolerance</b>	10 %
<b>Product Weight</b>	3.64 lb(US) (1.65 kg) 2.98 lb(US) (1.35 kg)

## Environment

<b>IP degree of protection</b>	IP20 IP41 upper part)
<b>Relative humidity</b>	0...93 % IEC 68-2-3
<b>Ambient air temperature for operation</b>	14...122 °F (-10...50 °C)
<b>Ambient Air Temperature for Storage</b>	-13...158 °F (-25...70 °C)
<b>Operating altitude</b>	<= 3280.84 ft (1000 m) without current derating 3280.84...9842.52 ft (1000...3000 m) with current derating 1 % per 100 m
<b>Vibration resistance</b>	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
<b>Shock resistance</b>	15 gn 11 ms IEC 60068-2-27
<b>Standards</b>	IEC 61800-3

## Ordering and shipping details

<b>Category</b>	US1CP4B22154
<b>Discount Schedule</b>	CP4B
<b>GTIN</b>	3389110689488
<b>Returnability</b>	Yes
<b>Country of origin</b>	TH

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.28 in (5.800 cm)
<b>Package 1 Width</b>	9.25 in (23.500 cm)
<b>Package 1 Length</b>	11.10 in (28.200 cm)
<b>Package weight(Lbs)</b>	3.278 lb(US) (1.487 kg)
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	11
<b>Package 2 Height</b>	11.81 in (30 cm)
<b>Package 2 Width</b>	15.75 in (40 cm)
<b>Package 2 Length</b>	23.62 in (60 cm)
<b>Package 2 Weight</b>	37.792 lb(US) (17.142 kg)
<b>Unit Type of Package 3</b>	P06

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<b>Number of Units in Package 3</b>	44
<b>Package 3 Height</b>	29.53 in (75.000 cm)
<b>Package 3 Width</b>	23.62 in (60.000 cm)
<b>Package 3 Length</b>	31.50 in (80.000 cm)
<b>Package 3 Weight</b>	170.435 lb(US) (77.308 kg)

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## **Contractual warranty**

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**Warranty** 18 months



## 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
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Use Again

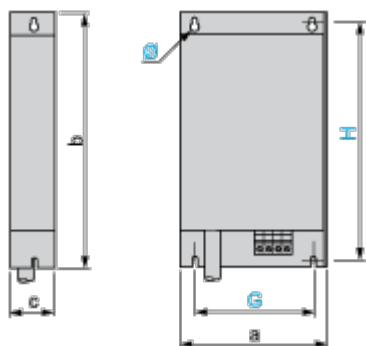
#### Repack and remanufacture

Take-back	No
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## Dimensions Drawings

Additional EMC Input Filters

## Dimensions



Dimensions in mm

a	b	c	G	H	Ø
140	235	50	120	215	4.5

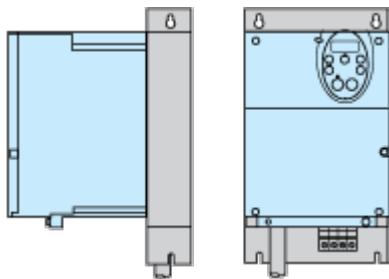
Dimensions in in.

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

