

# Product data sheet

Specifications



## additionnal EMC input filter - 3-phase supply - 47 A

VW3A31407

### Main

<b>Range of product</b>	Altivar
<b>product or component type</b>	EMC input filter
<b>Range compatibility</b>	Lexium 05 Lexium 23 Plus Altivar Machine ATV320 Altivar 212 Altivar 312 Altivar 31C Altivar 312 Solar
<b>Product compatibility</b>	Servo drive LXM237.5 kW ATV212HD11N4 ATV212HU55M3X ATV212HU75M3X ATV212HU75N4 ATV31CU55N4 ATV31CU75N4 LXM05AD57N4 LXM05BD57N4 LXM05CD57N4 ATV312HU55M3 ATV312HU75M3 ATV312HU55N4 ATV312HU75N4 Variable speed drive ATV320...C5.5 kW, 200...240 V three phase Variable speed drive ATV320...C7.5 kW, 200...240 V three phase
<b>Product specific application</b>	Radio interference input filter
<b>[In] rated current</b>	47 A
<b>Thermal losses</b>	1.9 W ATV21HU75N4 19.3 W ATV31CU55N4 3.7 W ATV21HU55M3X 3.9 W ATV21HD11N4 6.8 W ATV21HU75M3X
<b>Network number of phases</b>	Three phase

### Complementary

<b>Electrical connection</b>	Terminal 25 mm <sup>2</sup> AWG 2
<b>Tightening torque</b>	39.8 lbf.in (4.5 N.m)
<b>maximum earth leakage current</b>	45 mA 50 Hz 20.6 mA 480 V 60 Hz 42.8 mA 480 V 60 Hz
<b>power supply voltage</b>	200...240 V 380...500 V
<b>Tolerance</b>	10 %
<b>net weight</b>	6.94 lb(US) (3.15 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>	14.0000000000...122.0000000000 °F (-10...50 °C)
<b>Ambient air temperature for storage</b>	-13.0000000000...158.0000000000 °F (-25...70 °C)
<b>Operating altitude</b>	<= 1000 m without current derating <= 1000 m without derating 1000...3000 m with current derating 1 % per 100 m
<b>Vibration resistance</b>	1 gn 13...150 Hz)IEC 60068-2-6 1.5 mm peak to peak 3...13 Hz)IEC 60068-2-6
<b>Shock resistance</b>	15 gn 11 ms IEC 60068-2-27
<b>Standards</b>	IEC 61800-3

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.8 in (7.0 cm)
<b>Package 1 Width</b>	9.3 in (23.5 cm)
<b>Package 1 Length</b>	18.5 in (47.0 cm)
<b>Package 1 Weight</b>	6.616 lb(US) (3.001 kg)
<b>Unit Type of Package 2</b>	S06
<b>Number of Units in Package 2</b>	22
<b>Package 2 Height</b>	29.5 in (75.0 cm)
<b>Package 2 Width</b>	31.5 in (80.0 cm)
<b>Package 2 Length</b>	23.6 in (60.0 cm)
<b>Package 2 Weight</b>	167.600 lb(US) (76.022 kg)

## Contractual warranty

<b>Warranty</b>	18 months
-----------------	-----------

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

✓ Reach Free Of Svhc

---

✓ Toxic Heavy Metal Free

---

✓ Mercury Free

---

✓ Rohs Exemption Information [Yes](#)

---

**Reach Regulation** [REACH Declaration](#)

---

**Eu Rohs Directive** Pro-active compliance (Product out of EU RoHS legal scope)  
[EU RoHS Declaration](#)

---

**China Rohs Regulation** [China RoHS declaration](#)

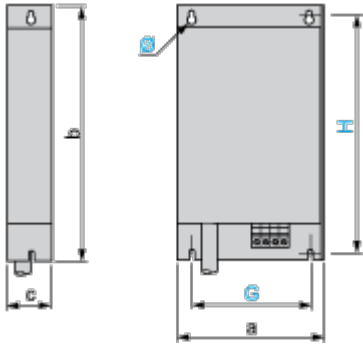
---

Dimensions Drawings

Additional EMC Input Filters

---

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
180	305	60	140	285	5.5

Dimensions in in.

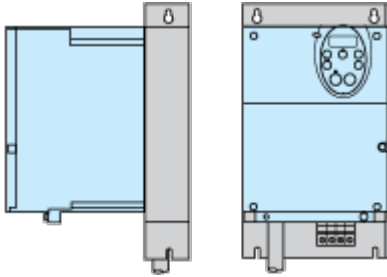
a	b	c	G	H	Ø
7.09	12.01	2.36	5.51	11.22	0.22

Mounting and Clearance

Additional EMC Input Filter

---

**Mounting the Filter under the Drive**



**Mounting the Filter next to the Drive**

