Product data sheet

Specifications



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

VW3A31407

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Altivar
Product or Component Type	EMC input filter
Range Compatibility	Lexium 05 Lexium 23 Plus Altivar Machine ATV320 Altivar 212 Altivar 312 Altivar 31C Altivar 312 Solar
Product compatibility	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
Product Specific Application	Radio interference input filter
Line Rated Current	47 A
Thermal losses	1.9 W ATV21HU75N4 19.3 W ATV31CU55N4 3.7 W ATV21HU55M3X 3.9 W ATV21HD11N4 6.8 W ATV21HU75M3X
Phase	Three phase

Complementary

Electrical connection	Terminal 25 mm² 2 AWG
Tightening torque	39.8 lbf.in (4.5 N.m)
maximum earth leakage current	45 mA 50 Hz 20.6 mA 480 V 60 Hz 42.8 mA 480 V 60 Hz
power supply voltage	200…240 V 380…500 V
Tolerance	10 %
Net Weight	6.94 lb(US) (3.15 kg)

Environment

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

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 ft (1000 m) without 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	3389110690729
Returnability	Yes
Country of origin	TH

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.756 in (7.000 cm)
Package 1 Width	9.252 in (23.500 cm)
Package 1 Length	18.504 in (47.000 cm)
Package weight(Lbs)	6.616 lb(US) (3.001 kg)
Unit Type of Package 2	S06
Number of Units in Package 2	22
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	23.622 in (60.000 cm)
Package 2 Length	31.496 in (80.000 cm)
Package 2 Weight	167.600 lb(US) (76.022 kg)

Contractual warranty

Warranty (in months)	18

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 Again

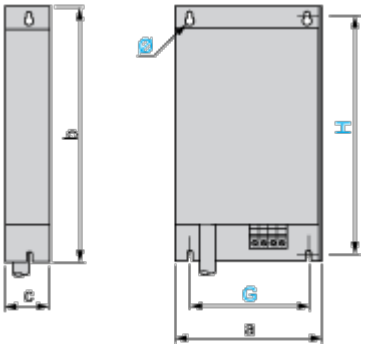
Repack and remanufacture

Take-back	No

Dimensions Drawings

Additional EMC Input Filters

Dimensions



Dimensions in mm

a	b	c	G	H	Ø
180	305	60	140	285	5.5

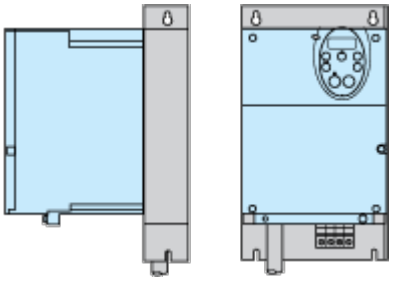
Dimensions in in.

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

