

Product data sheet

Characteristics

VW3A31407

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

Product availability: Stock - Normally stocked in distribution facility



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar 31C Altivar Machine ATV320 Altivar 312 Altivar 312 Solar Altivar 212 Lexium 05 Lexium 23 Plus
Product compatibility	ATV212HU55M3X ATV31CU55N4 ATV212HU75M3X ATV212HU75N4 ATV312HU55N4 ATV312HU75N4 ATV31CU75N4 LXM05AD57N4 ATV212HD11N4 LXM05BD57N4 ATV312HU75M3 LXM05CD57N4 ATV312HU55M3 LXM23 at 7.5 kW ATV320...C at 5.5 kW, 200...240 V three phase ATV320...C at 7.5 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 mm ² AWG 2
Tightening torque	39.82 lbf.in (4.5 N.m)
Maximum earth leakage current	45 mA 50 Hz 20.6 mA at 480 V 60 Hz 42.8 mA at 480 V 60 Hz
Power supply voltage	380...500 V 200...240 V
Tolerance	10 %
Product weight	6.94 lb(US) (3.15 kg)

Environment

IP degree of protection	IP20 IP41 (upper part)
Relative humidity	0...93 % conforming to 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	1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2-6 1 gn (f = 13...150 Hz) conforming to IEC 60068-2-6
Shock resistance	15 gn 11 ms conforming to EN/IEC 60068-2-27
Standards	EN 133200 EN/IEC 61800-3

Ordering and shipping details

Category	22154 - ATV320/ATV312/ATV32 ACCESSORIES
Discount Schedule	CP4B
GTIN	00785901690726
Nbr. of units in pkg.	1
Package weight(Lbs)	6.75
Returnability	Y
Country of origin	TH

Offer Sustainability

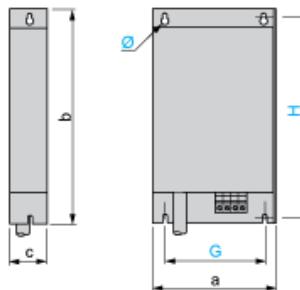
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- Substance 2	Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Additional EMC Input Filters

Dimensions



Dimensions in mm

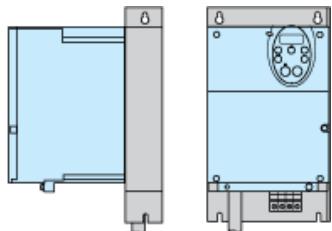
a	b	c	G	H	Ø
180	305	60	140	285	5.5

Dimensions in in.

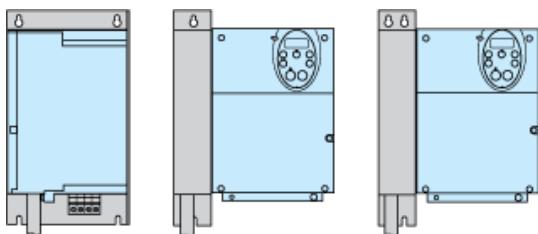
a	b	c	G	H	Ø
7.09	12.01	2.36	5.51	11.22	0.22

Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive



Mouser Electronics

Authorized Distributor

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