

VW3A31404

Altivar 31, Additional EMC input filter, 3-phase supply, 15 A



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar 31C Lexium 23 Plus Altivar 312 Altivar 312 Solar Altivar Machine ATV320 Lexium 05 Altivar 212
Product compatibility	Servo drive LXM23 motor: 0.75 kW Servo drive LXM23 motor: 1 kW Servo drive LXM23 motor: 1.5 kW Servo drive LXM23 motor: 2 kW Servo drive LXM23 motor: 3 kW ATV212H075M3X ATV212H075N4 ATV212HU15M3X ATV212HU15N4 ATV212HU22M3X ATV212HU22N4 ATV31C037N4 ATV31C055N4 ATV31C075N4 ATV31CU11N4 ATV31CU15N4 LXM05AD14N4 LXM05AD17M3X LXM05BD14N4 LXM05BD17M3X LXM05CD14N4 ATV312HU11M3 ATV312HU15M3 ATV312HU22M3 ATV312H037N4 ATV312H055N4 ATV312H075N4 ATV312HU11N4 ATV312HU15N4 Variable speed drive ATV320...C motor: 0.37 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 0.55 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 0.75 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 1.1 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 1.5 kW, 380...500 V three phase Variable speed drive ATV320...C motor: 1.1 kW, 200...240 V three phase Variable speed drive ATV320...C motor: 1.5 kW, 200...240 V three phase Variable speed drive ATV320...C motor: 2.2 kW, 200...240 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 0.37 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 0.55 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 0.75 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 1.1 kW, 380...500 V three phase Variable speed drive ATV320...W/ATV320...WS motor: 1.5 kW, 380...500 V three phase

Product specific application	Radio interference input filter
[In] rated current	15 A
Thermal losses	0.13 W for ATV21H075N4 0.45 W for ATV21HU15N4 0.47 W for ATV21H075M3X 0.9 W for ATV21HU22N4 1.6 W for ATV21HU15M3X 3.3 W for ATV21HU22M3X 9.9 W for ATV31HU11M3X
Network number of phases	Three phase

Complementary

Electrical connection	Terminal 10 mm ² AWG 6
Tightening torque	1.8 N.m
Maximum earth leakage current	15 MA at 200...480 V 50 Hz 13.8 MA at 480 V 60 Hz 6.7 mA at 230 V 60 Hz
Power supply voltage	200...240 V 380...500 V
Tolerance	10 %
Net weight	1 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	-10...50 °C
Ambient air temperature for storage	-25...70 °C
Operating altitude	<= 1000 m without current derating <= 1000 m without derating 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 for 11 ms conforming to EN/IEC 60068-2-27
Standards	EN 133200 EN/IEC 61800-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.200 cm
Package 1 Width	18.700 cm
Package 1 Length	24.200 cm
Package 1 Weight	930.000 g
Unit Type of Package 2	P06
Number of Units in Package 2	100
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	103.000 kg

Offer Sustainability

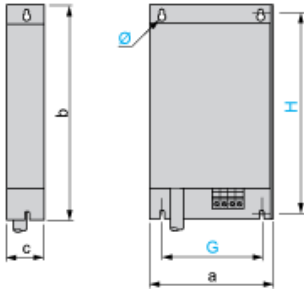
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months
----------	-----------

Additional EMC Input Filters

Dimensions



Dimensions in mm

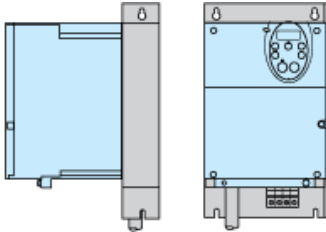
a	b	c	G	H	Ø
107	195	42	85	180	4.5

Dimensions in in.

a	b	c	G	H	Ø
4.12	7.68	1.65	3.35	7.09	0.18

Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive

