

Product data sheet Characteristics

VW3A31407

Altivar 31, Additionnal EMC input filter, 3-phase supply, 47 A



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 LXM23 motor: 7.5 kW[RETURN]ATV212HD11N4[RETURN]ATV212 speed drive ATV320C motor: 5.5 kW, 200240 V three phase[RETURN]Variable speed drive ATV320C motor: 7.5 kW, 200240 V three phase	herein. CT. CT. CT. CT. CT. CT. CT. CT. CT. CT
Product specific application	Radio interference input filter	ic applica
[In] rated current	47 A	- becifi
Thermal losses	1.9 W for ATV21HU75N4 19.3 W for ATV31CU55N4 3.7 W for ATV21HU55M3X 3.9 W for ATV21HD11N4 6.8 W for ATV21HU75M3X	applica applica to the
Network number of phases	Three phase	products con specific user with respect ion contained

Complementary

Electrical connection	Terminal 25 mm² AWG 2	
Tightening torque	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	200240 V 380500 V	
Tolerance	10 %	
Net weight	3.15 kg	

Environment

IP degree of protection	IP20		
-	IP41 (upper part)		
Relative humidity	093 % conforming to IEC 68-2-3		
Ambient air temperature for operation	-1050 °C		
Ambient air temperature for storage	-2570 °C		
Operating altitude	<= 1000 m without current derating <= 1000 m without derating 10003000 m with current derating 1 % per 100 m		
Vibration resistance	1 gn (f= 13150 Hz) conforming to IEC 60068-2-6 1.5 mm peak to peak (f= 313 Hz) conforming to IEC 60068-2-6		
Shock resistance 15 gn for 11 ms conforming to IEC 60068-2-27			
Standards	IEC 61800-3		

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. It is documentation is not intended as a substitute for and is not to be used for determining suitability or instally of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use in Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	23.5 cm
Package 1 Length	47.0 cm
Package 1 Weight	3.001 kg
Unit Type of Package 2	S06
Number of Units in Package 2	22
Package 2 Height	75.0 cm
Package 2 Width	80.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	76.022 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		

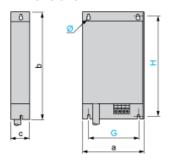
Contractual warranty

Warranty	18 months

Product data sheet Dimensions Drawings

Additional EMC Input Filters

Dimensions



Dimensions in mm

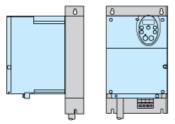
а	b	С	G	Н	Ø
180	305	60	140	285	5.5

Dimensions in in.

а	b	С	G	Н	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

