Product data sheet
Characteristics

VW3A31401
additionnal EMC filter S3 S4 M2 - 1-phase supply - 9 A



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Lexium SD3 Altivar 312 Solar Lexium 23 Plus Altivar Machine ATV320 Altivar 312 Altivar 31C Lexium 05
Product compatibility	Servo drive LXM23 motor: 0.1 kW Servo drive LXM23 motor: 0.2 kW Servo drive LXM23 motor: 0.4 kW ATV312H018M2 ATV312H037M2 ATV312H055M2 ATV312H075M2 ATV31C018M2 ATV31C037M2 ATV31C055M2 ATV31C075M2 LXM05AD10F1 LXM05AD10M2 LXM05BD10F1 LXM05BD10M2 LXM05CD10M2 Variable speed drive ATV320...C motor: 0.18 kW, 200...240 V single phase Variable speed drive ATV320...C motor: 0.37 kW, 200...240 V single phase Variable speed drive ATV320...C motor: 0.55 kW, 200...240 V single phase Variable speed drive ATV320...C motor: 0.75 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 0.18 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 0.37 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 0.55 kW, 200...240 V single phase Variable speed drive ATV320...W/ATV320...WS motor: 0.75 kW, 200...240 V single phase
Product specific application	Radio interference input filter
[In] rated current	9 A
Thermal losses	3.7 W for ATV31C018M2
Network number of phases	Single phase

Complementary

Earth leakage current	100 MA 50 Hz
Network rated voltage	200…240 V
Tolerance	10 %
Net weight	0.6 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...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 IEC 60068-2-27
Standards	IEC 61800-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.000 Cm
Package 1 Width	18.700 Cm
Package 1 Length	24.000 Cm
Package 1 Weight	499.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	3.891 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	56
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	42.148 Kg

Offer Sustainability

Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised