Product data sheet
Characteristics

VW3A31409
additionnal EMC input filter - 3-phase supply - 49 A



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar 212 Altivar 312 Altivar 31C
Product compatibility	ATV212HD15N4 ATV212HD18N4 ATV31CD11N4 ATV31CD15N4 ATV312HD11N4 ATV312HD15N4
Product specific application	Radio interference input filter
[In] rated current	49 A
Thermal losses	13.8 W for ATV21HD18N4 27.4 W for ATV31CD11N4 9.2 W for ATV21HD15N4
Network number of phases	Three phase

Complementary

Electrical connection	Terminal 25 mm² 2 AWG
Tightening torque	4.5 N.M
Earth leakage current	42.8 MA at 480 V 60 Hz 42.8 MA 50 Hz
Network rated voltage	380…500 V
Tolerance	10 %
Net weight	4.75 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	8.800 Cm
Package 1 Width	48.000 Cm
Package 1 Length	38.000 Cm
Package 1 Weight	4.244 Kg
Unit Type of Package 2	S06
Number of Units in Package 2	12
Package 2 Height	75.000 Cm
Package 2 Width	60.000 Cm
Package 2 Length	80.000 Cm
Package 2 Weight	63.928 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