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Product data sheet
Characteristics

VW3A4706
EMC radio interference input filter - for variable speed drive - 100 A



Main

Range of product	Altivar
Product or component type	EMC input filter
Range compatibility	Altivar Machine ATV340 Altivar Process ATV600 Altivar Process ATV900
Product compatibility	Variable speed drive ATV630 wall mount, motor: 37 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 45 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 18.5 kW, 200...240 V Variable speed drive ATV630 wall mount, motor: 22 kW, 200...240 V Variable speed drive ATV650 wall mount, motor: 37 kW, 380...480 V Variable speed drive ATV650 wall mount, motor: 45 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 37 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 45 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 18.5 kW, 200...240 V Variable speed drive ATV930 wall mount, motor: 22 kW, 200...240 V Variable speed drive ATV950 wall mount, motor: 37 kW, 380...480 V Variable speed drive ATV950 wall mount, motor: 45 kW, 380...480 V Variable speed drive ATV340 motor: 30 kW, 380...480 V Variable speed drive ATV340 motor: 37 kW, 380...480 V
Product specific application	Radio interference input filter
Mounting location	At variable speed drive side
[In] rated current	100 A
Thermal losses	12.4 W
Network number of phases	Three phase

Complementary

Electrical connection	Terminal 50 mm² AWG 1/0
Maximum motor cable length	150 M shielded motor cable 4 kHz conforming to EN/IEC 61800-3 category C2, 380...480 V 300 M shielded motor cable 4 kHz conforming to EN/IEC 61800-3 category C3, 380...480 V 150 M shielded motor cable 4 kHz conforming to EN/IEC 61800-3 category C2, 200...240 V 300 M shielded motor cable 4 kHz conforming to EN/IEC 61800-3 category C3, 200...240 V 50 M shielded motor cable 4 kHz conforming to EN/IEC 61800-3 category C1, 200...240 V 50 M shielded motor cable 4 kHz conforming to EN/IEC 61800-3 category C1, 380...480 V
Earth leakage current	13.9 MA at 400 V 50 Hz TN 13.9 MA at 400 V 50 Hz TT
Network rated voltage	380…480 V 200…240 V
Tolerance	10 %
Mechanical robustness	Shocks class 3M4 conforming to IEC 60721-3-3 Vibrations class 3M4 conforming to IEC 60721-3-3

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Width	120 Mm
Height	340 Mm
Depth	180 Mm
Product weight	6.5 Kg

Environment

IP degree of protection	IP20mounting side by side IP21with kit VW3A47906
Relative humidity	5…95 % without condensation conforming to IEC 61800-5-1
Ambient air temperature for operation	-10…50 °C (without current derating) 50…60 °C (with current derating 1.5 % per °C)
Ambient air temperature for storage	-40…70 °C
Operating altitude	0...1000 m without current derating 1000...4000 m with current derating 1 % per 100 m
Standards	EN/IEC 61800-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	28.500 Cm
Package 1 Width	37.500 Cm
Package 1 Length	53.000 Cm
Package 1 Weight	11.179 Kg
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	75.000 Cm
Package 2 Width	60.000 Cm
Package 2 Length	80.000 Cm
Package 2 Weight	58.248 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
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Product Life Status : Commercialised