

EMC radio interference input filter - for variable speed drive - 3-phase supply

VW3A4701

EAN Code: 3606480736506

Main

Range of product	Altivar EMC input filter				
Product or component type					
Range compatibility	Altivar Process ATV900				
	Altivar Process ATV600				
Product compatibility	Variable speed drive ATV630 wall mount, motor: 0.75 kW, 380480 V				
	Variable speed drive ATV630 wall mount, motor: 1.5 kW, 380480 V				
	Variable speed drive ATV630 wall mount, motor: 2.2 kW, 380480 V				
	Variable speed drive ATV630 wall mount, motor: 0.75 kW, 200240 V				
	Variable speed drive ATV630 wall mount, motor: 1.5 kW, 200240 V				
	Variable speed drive ATV650 wall mount, motor: 0.75 kW, 380480 V				
	Variable speed drive ATV650 wall mount, motor: 1.5 kW, 380480 V				
	Variable speed drive ATV650 wall mount, motor: 2.2 kW, 380480 V				
	Variable speed drive ATV930 wall mount, motor: 0.75 kW, 380480 V				
	Variable speed drive ATV930 wall mount, motor: 1.5 kW, 380480 V				
	Variable speed drive ATV930 wall mount, motor: 2.2 kW, 380480 V				
	Variable speed drive ATV930 wall mount, motor: 0.75 kW, 200240 V				
	Variable speed drive ATV930 wall mount, motor: 1.5 kW, 200240 V				
	Variable speed drive ATV950 wall mount, motor: 0.75 kW, 380480 V				
	Variable speed drive ATV950 wall mount, motor: 1.5 kW, 380480 V				
	Variable speed drive ATV950 wall mount, motor: 2.2 kW, 380480 V				
Product specific application	Radio interference input filter				
[In] rated current	8 A				
Thermal losses	1.28 W				
Network number of phases	Three phase				

Complementary

Electrical connection	Terminal 4 mm² AWG 12
Maximum motor cable length	150 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C2, 380480 V
	300 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C3, 380480 V
	150 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C2, 200240 V
	300 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C3, 200240 V
	50 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C1, 200240 V
	50 m shielded motor cable 4 kHz conforming to IEC 61800-3 category C1, 380480 V
maximum earth leakage current	7.6 mA at 400 V 50 Hz TN
	7.6 mA at 400 V 50 Hz TT
power supply voltage	380480 V
	200240 V
Tolerance	10 %
Mechanical robustness	Shocks class 3M4 conforming to IEC 60721-3-3

Width	75 mm
Height	220 mm
Depth	130 mm
Net weight	2 kg

Environment

IP degree of protection	IP20mounting side by side IP21with kit VW3A47901		
Relative humidity	595 % without condensation conforming to IEC 61800-5-1		
Ambient air temperature for operation	-1050 °C (without current derating) 5060 °C (with current derating 1.5 % per °C)		
Ambient air temperature for storage	-4070 °C		
Operating altitude	01000 m without current derating 10004000 m with current derating 1 % per 100 m		
Standards	IEC 61800-3		

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.500 cm
Package 1 Width	31.500 cm
Package 1 Length	20.000 cm
Package 1 Weight	2.274 kg
Unit Type of Package 2	P06
Number of Units in Package 2	18
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	48.784 kg

Logistical informations

Country of origin

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

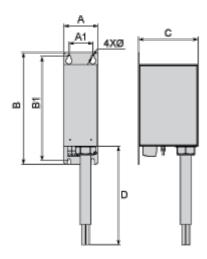
⊗ Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture		
Take-back	No	

Dimensions Drawings

Dimensions



Dimensions in mm

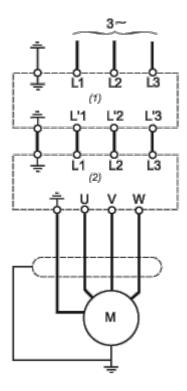
Dimensions in min						
Α	В	С	D	A1	B1	Ø
75	220	130	500	45	200	7

Dimensions in in.

2							
Α	В	С	D	A1	B1	Ø	
3	8.7	5.1	19.7	1.8	7.9	0.28	

Connections and Schema

Recommended Schema



- (1) Filter
- (2) Drive