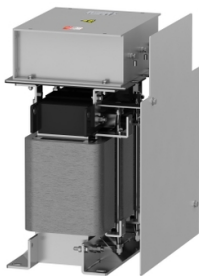


Product datasheet

Specifications



output sinus filter, Altivar, 305A, for variable speed drive

VW3A5407

Main

Product or component type	Sinus filter
Range compatibility	Altivar Process ATV900 Altivar Process ATV600
Product specific application	Output filter

Complementary

Maximum motor cable length	1000 m unshielded cable 500 m shielded cable
[In] rated current	305 A
Thermal losses	676 W at 4 kHz
Product compatibility	Variable speed drive ATV630 wall mount, motor: 55 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 110 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 132 kW, 200...240 V Variable speed drive ATV630 wall mount, motor: 160 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 55 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 110 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 132 kW, 200...240 V Variable speed drive ATV930 wall mount, motor: 160 kW, 380...480 V
Electrical connection	M10 copper bar, connection capacity: 300 mm² / 500 kcmil
Operating altitude	<= 1000 m without current derating 1000...4000 m with current derating 1 % per 100 m
Switching frequency	2.5...6 kHz
Maximum output frequency	100 Hz
Maximum voltage drop at rated load	8 %
Permissible voltage	480 V AC
Max current	1.20 x nominal current (duration = 60 s)
Width	460 mm
Height	370 mm
Depth	565 mm
Net weight	131 kg

Environment

IP degree of protection	IP00
Environmental characteristic	Biological pollution resistance class 3B1 conforming to IEC 60721-3-3 Chemical pollution resistance class 3C3 conforming to IEC 60721-3-3 Dust pollution resistance class 3S3 conforming to IEC 60721-3-3
Pollution degree	3 conforming to IEC 61800-5-1
Relative humidity	5...95 % without condensation

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient air temperature for operation	50...60 °C (with current derating 1.5 % per °C) -15...50 °C (without current derating)
Ambient air temperature for storage	-40...70 °C
Mechanical robustness	Shocks class 3M4 conforming to IEC 60721-3-3 Vibrations class 3M4 conforming to IEC 60721-3-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	56.500 cm
Package 1 Width	46.000 cm
Package 1 Length	37.000 cm
Package 1 Weight	138.500 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

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

Use Longer

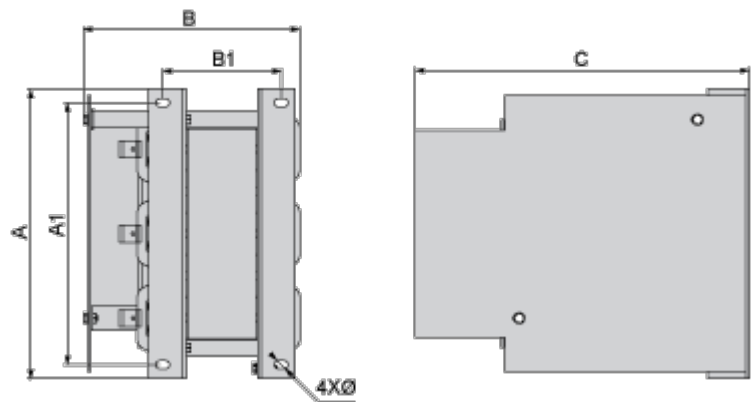
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions



Dimensions in mm

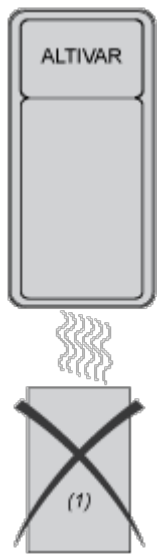
A	B	C	A1	B1	Ø
460	370	565	410	204	15

Dimensions in in.

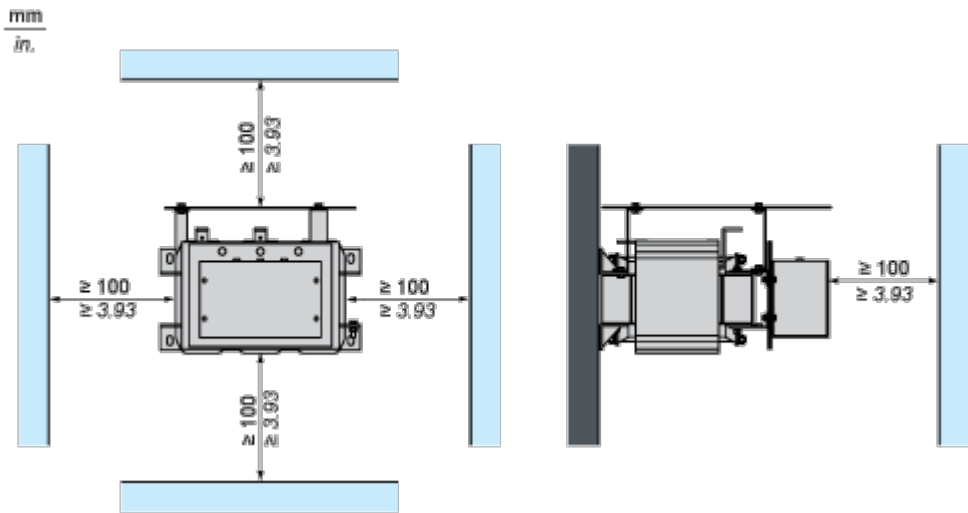
A	B	C	A1	B1	Ø
18.1	14.6	22.2	16.1	8.0	0.59

Mounting and Clearance

Mounting and Clearance

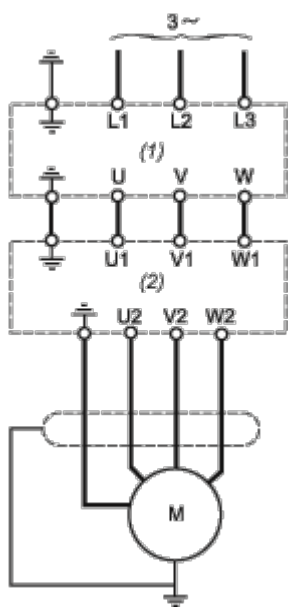


(1) Filter



Connections and Schema

Recommended Schema



- (1) Drive
- (2) Filter