



Main

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

Complementary

Maximum motor cable length	1000 m unshielded cable 500 m shielded cable
[In] rated current	50 A
Thermal losses	196 W at 4 kHz
Product compatibility	Variable speed drive ATV630 wall mount, motor: 11 kW, 200...240 V Variable speed drive ATV630 wall mount, motor: 15 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 18.5 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 22 kW, 380...480 V Variable speed drive ATV650 wall mount, motor: 15 kW, 380...480 V Variable speed drive ATV650 wall mount, motor: 18.5 kW, 380...480 V Variable speed drive ATV650 wall mount, motor: 22 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 5.5 kW, 200...240 V Variable speed drive ATV630 wall mount, motor: 7.5 kW, 200...240 V Variable speed drive ATV930 wall mount, motor: 11 kW, 200...240 V Variable speed drive ATV930 wall mount, motor: 15 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 18.5 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 22 kW, 380...480 V Variable speed drive ATV950 wall mount, motor: 15 kW, 380...480 V Variable speed drive ATV950 wall mount, motor: 18.5 kW, 380...480 V Variable speed drive ATV950 wall mount, motor: 22 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 5.5 kW, 200...240 V Variable speed drive ATV930 wall mount, motor: 7.5 kW, 200...240 V
Electrical connection	terminal block, connection capacity: 16 mm ² / AWG 4
Operating altitude	<= 1000 m without current derating 1000...4000 m with current derating 1 % per 100 m
Switching frequency	2...8 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	300 mm

Height	560 mm
Depth	245 mm
Product weight	35 kg

Environment

IP degree of protection	IP20 IP21 (with kit VW3A53903)
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
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

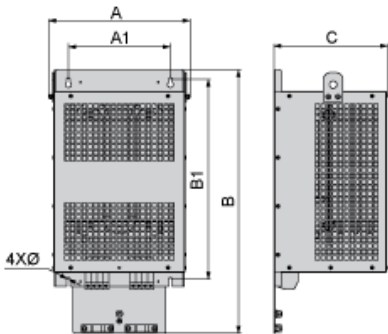
Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Contractual warranty

Warranty	18 months
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Dimensions



Dimensions in mm

A	B	C	A1	B1	Ø
300	545	245	210	411	7

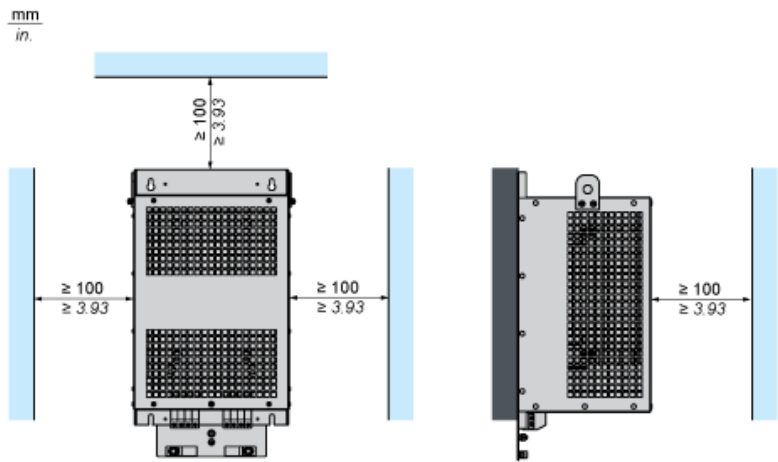
Dimensions in in.

A	B	C	A1	B1	Ø
11.8	21.5	9.6	8.3	16.2	0.28

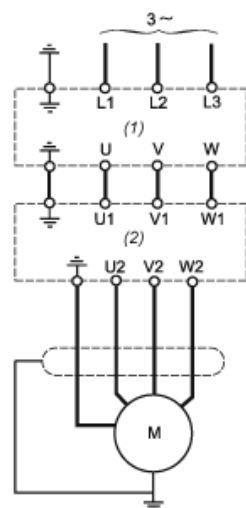
Mounting and Clearance



(1) Filter



Recommended Schema



- (1) Drive
- (2) Filter