Product datasheet

Specifications

output sinus filter, Altivar, 95A, for variable speed drive

VW3A5405

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	95 A
Thermal losses	290 W at 4 kHz
Product compatibility	Variable speed drive ATV630 wall mount, motor: 15 kW, 200...240 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 ATV630 wall mount, motor: 30 kW, 380...480 V 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 ATV650 wall mount, motor: 30 kW, 380...480 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: 15 kW, 200...240 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 ATV930 wall mount, motor: 30 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 ATV950 wall mount, motor: 30 kW, 380...480 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
Electrical connection	terminal block, connection capacity: 50 mm² / AWG 1
Operating altitude	<= 1000 m without current derating 1000...4000 m with current derating 1 % per 100 m
Switching frequency	4...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	380 mm
Height	760 mm
Depth	285 mm
Net weight	60 kg

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Environment

IP degree of protection	IP20 IP21 (with kit VW3A53904)
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	43.000 cm
Package 1 Width	44.500 cm
Package 1 Length	78.500 cm
Package 1 Weight	71.500 kg

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.
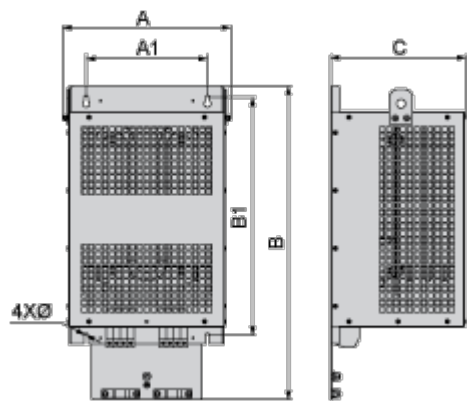
Learn more about Green Premium >

Guide to assess a product's sustainability >

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

     EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Dimensions Drawings

Dimensions

Dimensions in mm

A	B	C	A1	B1	Ø
375	740	285	290	565	10

Dimensions in in.

A	B	C	A1	B1	Ø
14.8	29.1	11.2	11.4	22.2	0.39

Mounting and Clearance

(1)   Filter

$$\frac{mm}{in.}$$

≥ 100
≥ 3.93

≥ 100
≥ 3.93

≥ 100
≥ 3.93

≥ 100
≥ 3.93
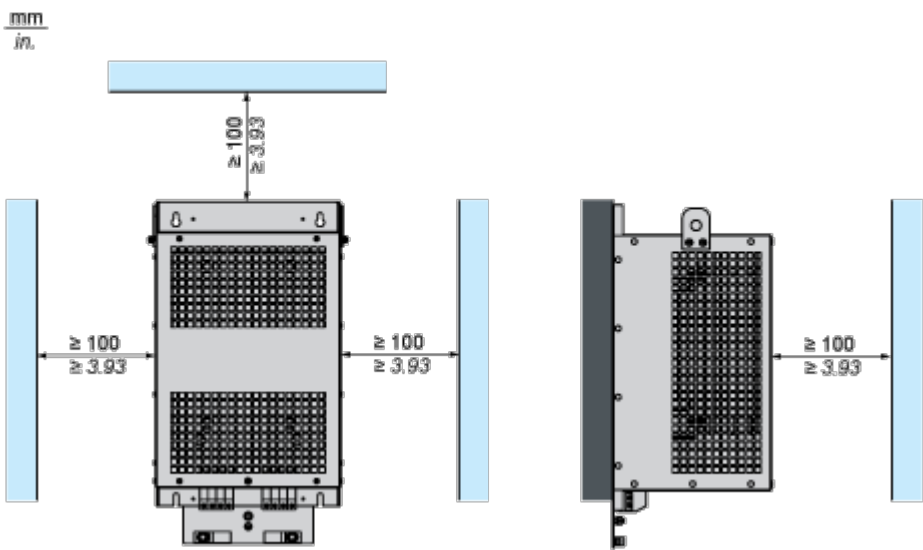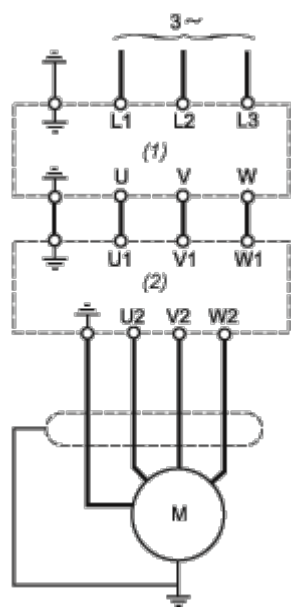
Connections and Schema

Recommended Schema

(1)   Drive

(2)   Filter