chanhvinh.com

Product data sheet
Characteristics

VW3A5403
output sinus filter, Altivar, 25A, for variable speed drive



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	25 A
Thermal losses	103 W at 4 kHz
Product compatibility	Variable speed drive ATV630 wall mount, motor: 7.5 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 11 kW, 380...480 V Variable speed drive ATV630 wall mount, motor: 4 kW, 200...240 V Variable speed drive ATV650 wall mount, motor: 7.5 kW, 380...480 V Variable speed drive ATV650 wall mount, motor: 11 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 7.5 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 11 kW, 380...480 V Variable speed drive ATV930 wall mount, motor: 4 kW, 200...240 V Variable speed drive ATV950 wall mount, motor: 7.5 kW, 380...480 V Variable speed drive ATV950 wall mount, motor: 11 kW, 380...480 V
Electrical connection	Terminal block, connection capacity: 10 mm² / AWG 8
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	295 mm
Height	530 mm
Depth	215 mm
Product weight	20 kg

Environment

IP degree of protection	IP20 IP21 (with kit VW3A53902)
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	2 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)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

chanhvinh.com

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	36.500 cm
Package 1 Width	38.800 cm
Package 1 Length	58.500 cm
Package 1 Weight	28.400 kg
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	105.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	127.000 kg

Offer Sustainability

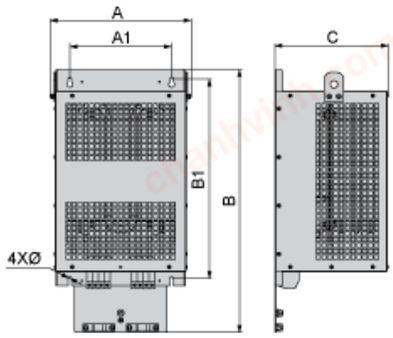
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes

chanhvinh.com

Product data sheet VW3A5403

Dimensions Drawings

Dimensions



Dimensions in mm

A	B	C	A1	B1	Ø
280	520	215	210	411	7

Dimensions in in.

A	B	C	A1	B1	Ø
11.0	20.5	8.5	8.3	16.2	0.28

chanhvinh.com

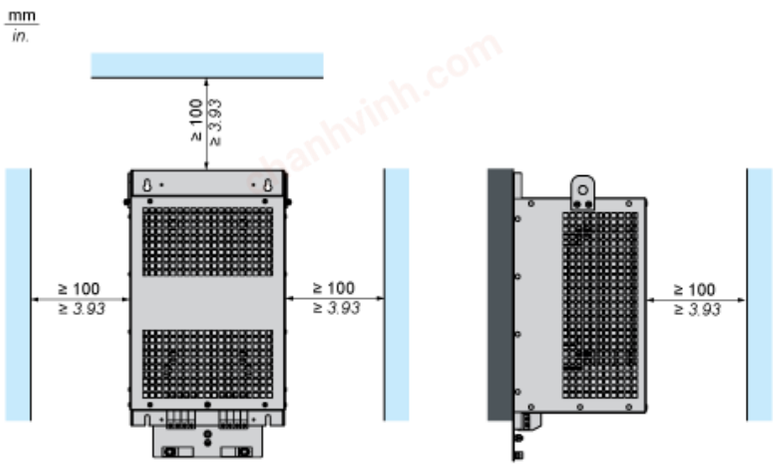
Product data sheet
Mounting and Clearance

VW3A5403

Mounting and Clearance



(1) Filter



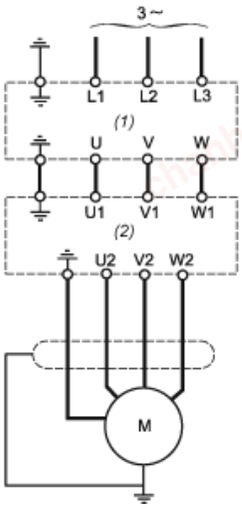
Life Is On Schneider Electric

chanhvinh.com

Product data sheet
Connections and Schema

VW3A5403

Recommended Schema



(1) Drive
(2) Filter