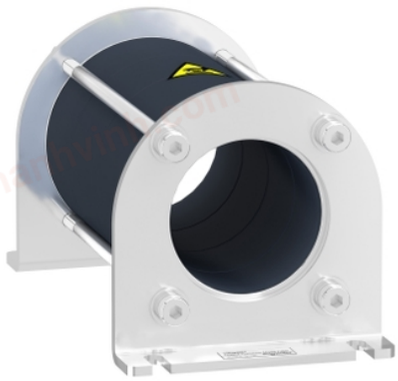
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Product data sheet
Characteristics

VW3A5501
common mode filter for bearing current reduction - 146.4 µH



Main

Product or component type	Common mode output filter
Range compatibility	Altivar Process ATV900 Altivar Process ATV600
Value of inductance	146.4 µH
Product compatibility	Variable speed drive ATV630 wall mount, 0.75…11 kW, 380...480 V Variable speed drive ATV650 wall mount, 0.75…11 kW, 380...480 V Variable speed drive ATV930 wall mount, 0.75…11 kW, 380...480 V Variable speed drive ATV950 wall mount, 0.75…11 kW, 380...480 V Variable speed drive ATV630 wall mount, 0.75…5.5 kW, 200...240 V Variable speed drive ATV930 wall mount, 0.75…5.5 kW, 200...240 V

Complementary

Maximum motor cable length	150 M(Unshielded cable) motor: 0.75…11 kW 380...480 V, with 1 filter 150 M(Shielded cable) motor: 0.75…4 kW 380...480 V, with 1 filter 300 M(Shielded cable) motor: 5.5…11 kW 380...480 V, with 2 filter 500 M(Unshielded cable) motor: 0.75…4 kW 380...480 V, with 2 filter 500 M(Unshielded cable) motor: 5.5…11 kW 380...480 V, with 1 filter + VW3A5501 500 M(Shielded cable) motor: 0.75…4 kW 380...480 V, with 2 filter 1000 M(Unshielded cable) motor: 0.75…5.5 kW 380...480 V, with 1 filter + VW3A5501 150 M(Unshielded cable) motor: 0.75…5.5 kW 200...240 V, with 1 filter 150 M(Shielded cable) motor: 0.75…4 kW 200...240 V, with 1 filter 300 M(Shielded cable) motor: 5.5 kW 200...240 V, with 2 filter 500 M(Unshielded cable) motor: 0.75…4 kW 200...240 V, with 2 filter 500 M(Unshielded cable) motor: 5.5 kW 200...240 V, with 1 filter + VW3A5502 500 M(Shielded cable) motor: 0.75…4 kW 200...240 V, with 2 filter 1000 m(unshielded cable) motor: 0.75…4 kW 200...240 V, with 1 filter + VW3A5501
Saturation current	1.1 A
Internal diameter	37.1 Mm for 3-phase cable inside 37.1 mm for PE cable outside
Electrical insulation class	Class I
Mechanical robustness	Shocks class 3M4 conforming to IEC 60721-3-3 Vibrations class 3M4 conforming to IEC 60721-3-3
Switching frequency	<= 10 kHz
Maximum output frequency	100 Hz
Height	119.2 mm
Width	66 mm
Depth	66 mm
Product weight	0.44 kg

Environment

Relative humidity	5…95 % without condensation
Ambient air temperature for operation	-15…60 °C
Ambient air temperature for storage	-40…70 °C

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.
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.000 cm
Package 1 Width	22.000 cm
Package 1 Length	11.500 cm
Package 1 Weight	648.000 g
Unit Type of Package 2	P06
Number of Units in Package 2	75
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	59.656 kg

Offer Sustainability

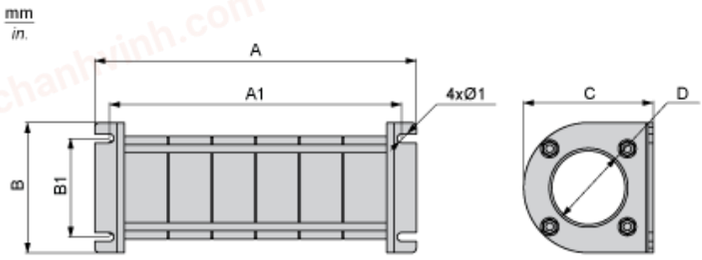
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes

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Product data sheet VW3A5501

Dimensions Drawings

Dimensions



Dimensions in mm

A	B	A1	B1	Ø1	C	D
119.2	66	104.2	50	4.5	66	37.1

Dimensions in in.

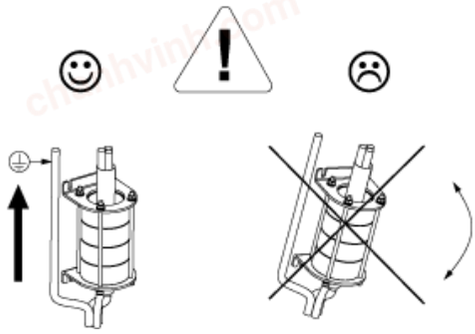
A	B	A1	B1	Ø1	C	D
4.7	2.6	4.1	2.0	0.18	2.6	1.5

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Product data sheet
Mounting and Clearance

VW3A5501

Mounting Recommendations

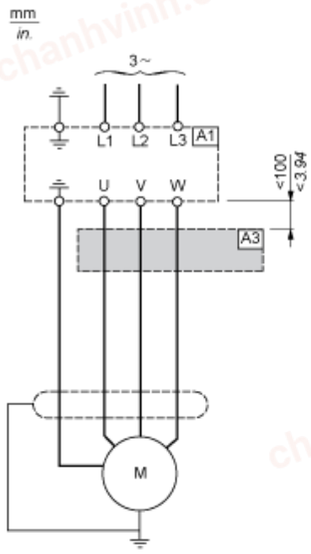


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Product data sheet VW3A5501
Connections and Schema

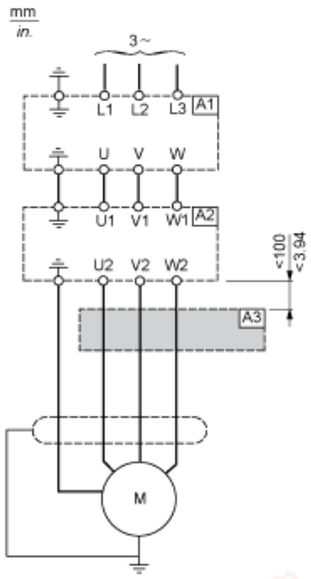
Recommended Schema

Connection at the Output Terminals of the Drive



A1 : Drive
A3 : Common mode filter

Connection at the Output Terminals of the dv/dt Filter or Sinus Filter



A1 : Drive
A2 : dv/dt or sinus filter
A3 : Common mode filter