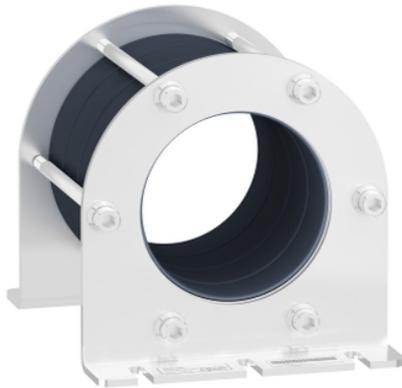


# VW3A5503

common mode filter for bearing current reduction, 120µH



## Main

Product or Component Type	Common mode output filter
Range Compatibility	Altivar&nbsp;Process ATV900 Altivar&nbsp;Process ATV600
Value of inductance	120 µH
Product compatibility	Variable speed drive ATV630 wall mount, 15...90 kW, 380...480 V[RETURN]Variable speed drive ATV650 wall mount, 15...90 kW, 380...480 V[RETURN]Variable speed drive ATV930 wall mount, 15...90 kW, 380...480 V[RETURN]Variable speed drive ATV950 wall mount, 15...90 kW, 380...480 V[RETURN]Variable speed drive ATV630 wall mount, 7.5...45 kW, 200...240 V[RETURN]Variable speed drive ATV930 wall mount, 7.5...45 kW, 200...240 V

## Complementary

Maximum motor cable length	492.1 Ft (150 m)(unshielded cable)15...90 kW 380...480 V 1 492.1 Ft (150 m)(shielded cable)15...22 kW 380...480 V 1 984.3 Ft (300 m)(shielded cable)15...22 kW 380...480 V 2 984.3 Ft (300 m)(shielded cable)30...90 kW 380...480 V 1 VW3A5504 1640.4 Ft (500 m)(unshielded cable)15...22 kW 380...480 V 2 1640.4 Ft (500 m)(unshielded cable)30...90 kW 380...480 V 1 VW3A5504 1640.4 Ft (500 m)(shielded cable)15...22 kW 380...480 V 1 VW3A5504 3280.8 Ft (1000 m)(unshielded cable)15...22 kW 380...480 V 1 VW3A5504 492.1 Ft (150 m)(unshielded cable)7.5...45 kW 200...240 V 1 492.1 Ft (150 m)(shielded cable)7.5...11 kW 200...240 V 1 984.3 Ft (300 m)(shielded cable)7.5...11 kW 200...240 V 2 984.3 Ft (300 m)(shielded cable)15...45 kW 200...240 V 1 VW3A5504 1640.4 Ft (500 m)(unshielded cable)7.5...11 kW 200...240 V 2 1640.4 Ft (500 m)(unshielded cable)15...45 kW 200...240 V 1 VW3A5504 1640.4 Ft (500 m)(shielded cable)7.5...11 kW 200...240 V 1 VW3A5504 3280.8 ft (1000 m)(unshielded cable)7.5...11 kW 200...240 V 1 VW3A5504
Saturation current	2.2 A
Internal diameter	3.0 In (76 mm) 3-phase cable inside 3.0 in (76 mm) PE cable outside
Electrical Insulation Class	Class I
Mechanical robustness	Shocks class 3M4 IEC 60721-3-3 Vibrations class 3M4 IEC 60721-3-3
Switching frequency	<= 10 kHz
Maximum output frequency	100 Hz
Height	6.3 in (161 mm)
Width	5.02 in (127.5 mm)
Depth	5.02 in (127.5 mm)
Net Weight	4.83 lb(US) (2.19 kg)

## Environment

Relative humidity	5...95 % without condensation
Ambient Air Temperature for Operation	5...140 °F (-15...60 °C)
Ambient Air Temperature for Storage	-40...158 °F (-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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

Category	US1CP4E22276
Discount Schedule	CP4E
GTIN	3606485435787
Returnability	No
Country of origin	TH

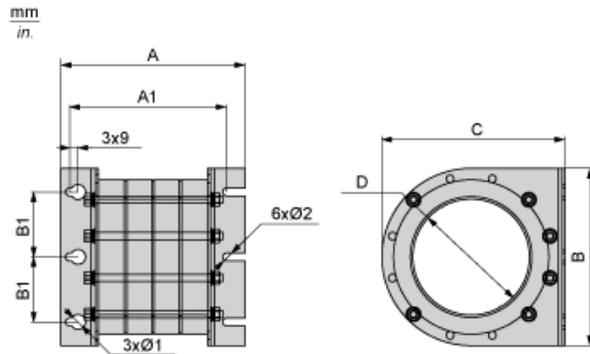
## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.693 in (17.000 cm)
Package 1 Width	10.906 in (27.700 cm)
Package 1 Length	7.087 in (18.000 cm)
Package 1 Weight	5.675 lb(US) (2.574 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	24
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	23.622 in (60.000 cm)
Package 2 Length	31.496 in (80.000 cm)
Package 2 Weight	164.853 lb(US) (74.776 kg)

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>

Dimensions



Dimensions in mm

A	A1	B1	Ø1	Ø2	B	C	D
160	137	45	13	6.5	127.5	127.5	75

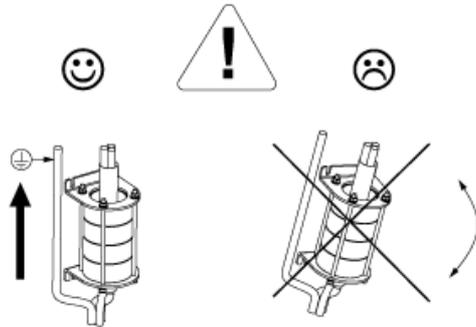
Dimensions in in.

A	A1	B1	Ø1	Ø2	B	C	D
6.3	5.1	1.8	0.5	0.26	5.0	5.0	3.0

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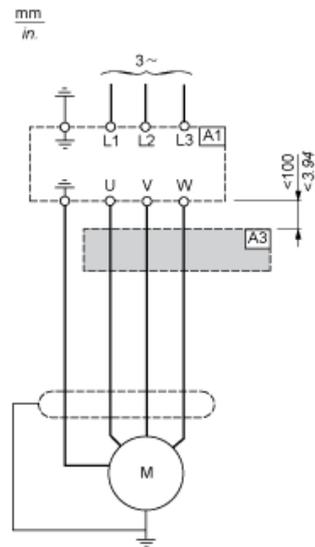
Mounting Recommendations

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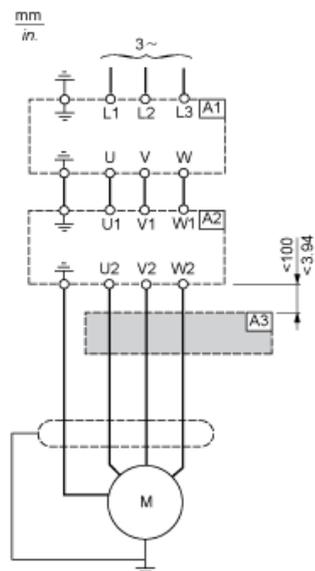
Recommended Schema

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