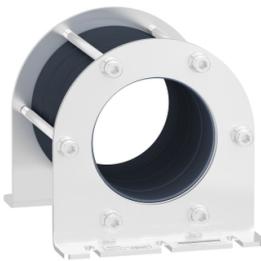


Product data sheet

Specifications



common mode filter for bearing current reduction, 120µH

VW3A5503

Main

Product or component type	Common mode output filter
Range compatibility	Altivar Process ATV900 Altivar Process ATV600
Value of inductance	120 µH
Product compatibility	Variable speed drive ATV630 wall mount, 15...90 kW, 380...480 V Variable speed drive ATV650 wall mount, 15...90 kW, 380...480 V Variable speed drive ATV930 wall mount, 15...90 kW, 380...480 V Variable speed drive ATV950 wall mount, 15...90 kW, 380...480 V Variable speed drive ATV630 wall mount, 7.5...45 kW, 200...240 V Variable speed drive ATV930 wall mount, 7.5...45 kW, 200...240 V

Complementary

Maximum motor cable length	150 m(unshielded cable) motor: 15...90 kW 380...480 V, with 1 filter 150 m(shielded cable) motor: 15...22 kW 380...480 V, with 1 filter 300 m(shielded cable) motor: 15...22 kW 380...480 V, with 2 filter 300 m(shielded cable) motor: 30...90 kW 380...480 V, with 1 filter + VW3A5503 500 m(unshielded cable) motor: 15...22 kW 380...480 V, with 2 filter 500 m(unshielded cable) motor: 30...90 kW 380...480 V, with 1 filter + VW3A5503 500 m(shielded cable) motor: 15...22 kW 380...480 V, with 1 filter + VW3A5503 1000 m(unshielded cable) motor: 15...22 kW 380...480 V, with 1 filter + VW3A5503 150 m(unshielded cable) motor: 7.5...45 kW 200...240 V, with 1 filter 150 m(shielded cable) motor: 7.5...11 kW 200...240 V, with 1 filter 300 m(shielded cable) motor: 7.5...11 kW 200...240 V, with 2 filter 300 m(shielded cable) motor: 15...45 kW 200...240 V, with 1 filter + VW3A5503 500 m(unshielded cable) motor: 7.5...11 kW 200...240 V, with 2 filter 500 m(unshielded cable) motor: 15...45 kW 200...240 V, with 1 filter + VW3A5503 500 m(shielded cable) motor: 7.5...11 kW 200...240 V, with 1 filter + VW3A5503 1000 m(unshielded cable) motor: 7.5...11 kW 200...240 V, with 1 filter + VW3A5503
Saturation current	2.2 A
internal diameter	76 mm for 3-phase cable inside 76 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	161 mm
Width	127.5 mm
Depth	127.5 mm
Product weight	2.19 kg

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.000 cm
Package 1 Width	27.700 cm
Package 1 Length	18.000 cm
Package 1 Weight	2.574 kg
Unit Type of Package 2	P06
Number of Units in Package 2	24
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	74.776 kg



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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 www.P65Warnings.ca.gov

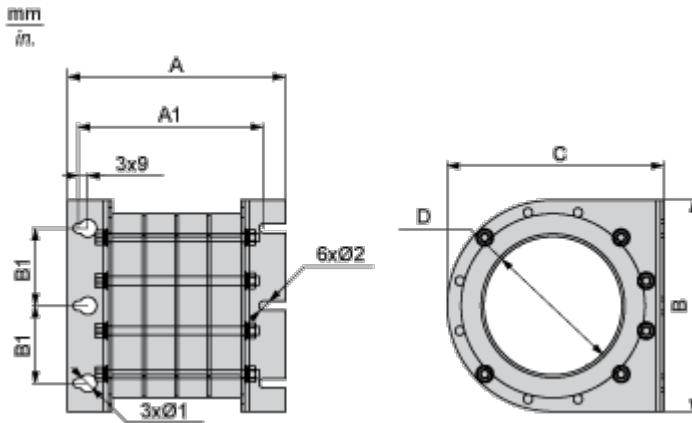
Use Again

Repack and remanufacture

Take-back	No
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Dimensions Drawings

Dimensions



Dimensions in mm

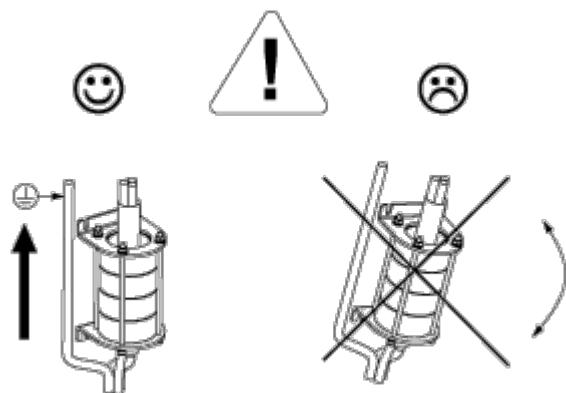
A	A1	B1	Ø1	Ø2	B	C	D
160	137	45	13	6.5	127.5	127.5	75

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

Mounting and Clearance

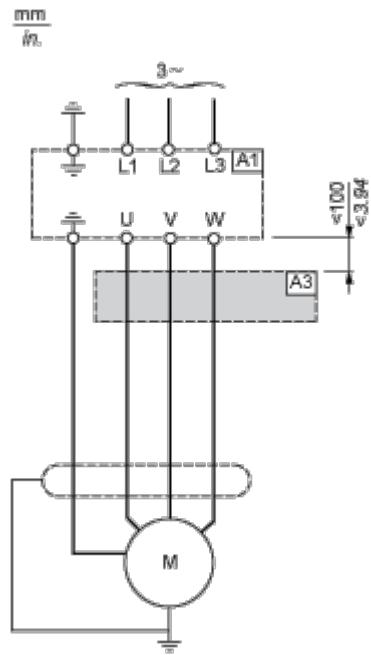
Mounting Recommendations



Connections and Schema

Recommended Schema

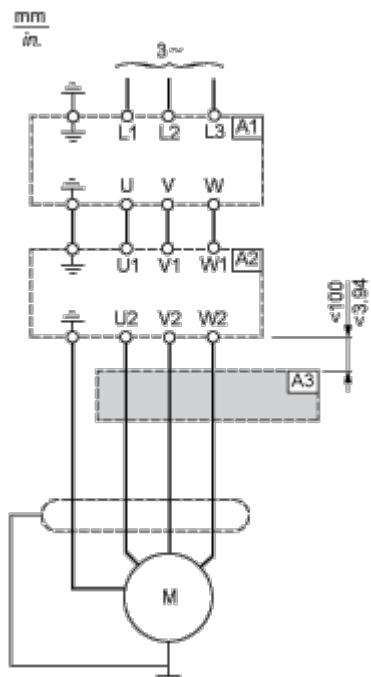
Connection at the Output Terminals of the Drive



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