Product data sheet

Specifications
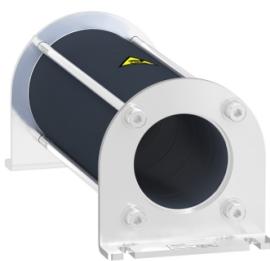
common mode filter for bearing current reduction, 219.6µH

VW3A5502

Main

Product or component type	Common mode output filter
Range compatibility	Altivar Process ATV900 Altivar Process ATV600
Value of inductance	219.6 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(shielded cable) motor: 5.5…11 kW 380...480 V, with 1 filter 300 m(unshielded cable) motor: 0.75…11 kW 380...480 V, with 1 filter 300 m(shielded cable) motor: 0.75…4 kW 380...480 V, with 1 filter 500 m(unshielded cable) motor: 5.5…11 kW 380...480 V, with 1 filter + VW3A5502 500 m(shielded cable) motor: 5.5…11 kW 380...480 V, with 2 filter 1000 m(unshielded cable) motor: 0.75…5.5 kW 380...480 V, with 1 filter + VW3A5502 1000 m(unshielded cable) motor: 7.5…11 kW 380...480 V, with 2 filter 150 m(shielded cable) motor: 5.5 kW 200...240 V, with 1 filter 300 m(unshielded cable) motor: 0.75…5.5 kW 200...240 V, with 1 filter 300 m(shielded cable) motor: 0.75…4 kW 200...240 V, with 1 filter 500 m(unshielded cable) motor: 5.5 kW 200...240 V, with 1 filter + VW3A5501 500 m(shielded cable) motor: 5.5 kW 200...240 V, with 2 filter 1000 m(unshielded cable) motor: 0.75…4 kW 200...240 V, with 1 filter + VW3A5502 1000 m(unshielded cable) motor: 5.5 kW 200...240 V, with 2 filter
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	163.8 mm
Width	66 mm
Depth	66 mm
Product weight	0.66 kg

Environment

Relative humidity	5…95 % without condensation

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	10.000 cm
Package 1 Width	22.000 cm
Package 1 Length	11.200 cm
Package 1 Weight	820.000 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	72.040 kg

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Environmental Data

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**

Dimensions Drawings

Dimensions
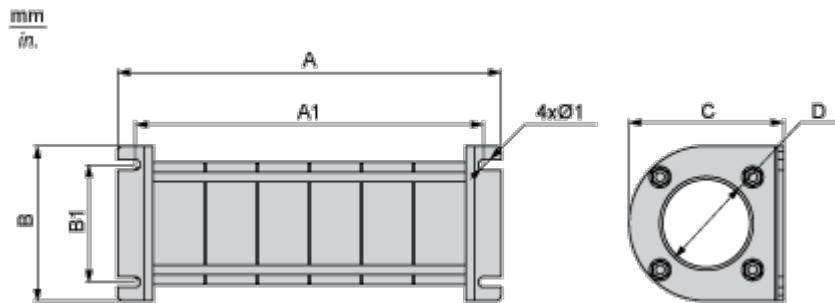
Dimensions in mm

A	B	A1	B1	Ø1	C	D
163.8	66	148.8	50	4.5	66	37.1

Dimensions in in.

A	B	A1	B1	Ø1	C	D
6.4	2.6	5.9	2.0	0.18	2.6	1.5

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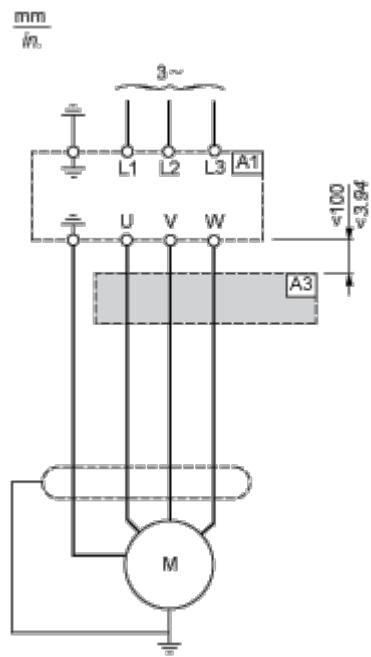
Mounting and Clearance

Mounting Recommendations
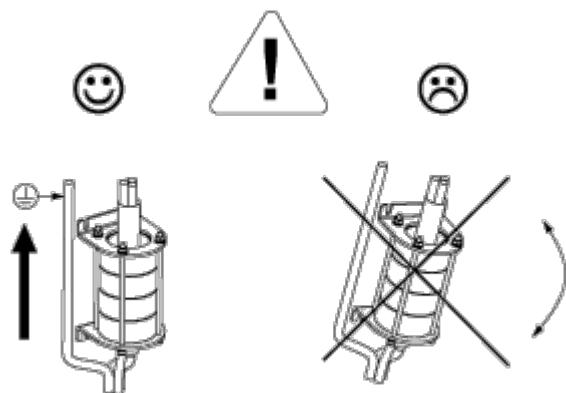
Connections and Schema
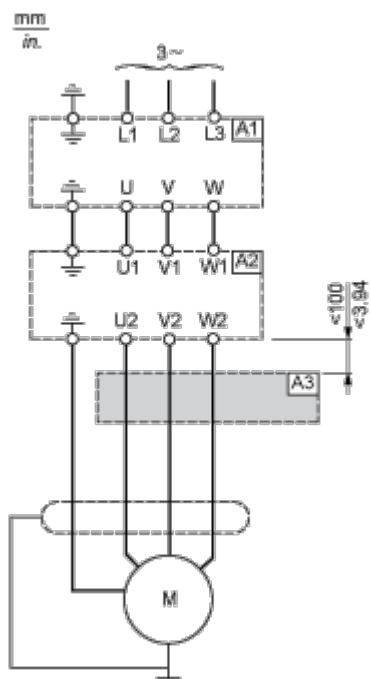
Recommended Schema

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