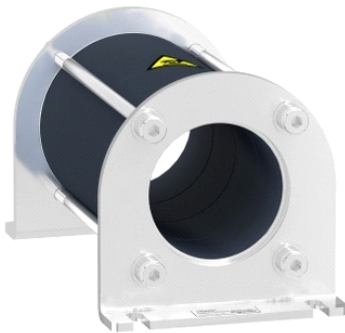


VW3A5501

common mode filter for bearing current reduction -
146.4 μ H



Main

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

Complementary

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

Environment

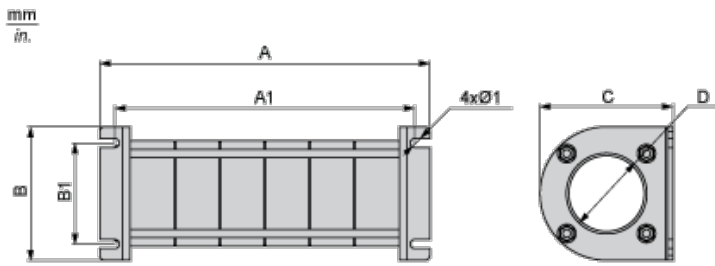
relative humidity	5...95 % without condensation
ambient air temperature for operation	-15...60 °C
ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1532 - Schneider Electric declaration of conformity

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Dimensions



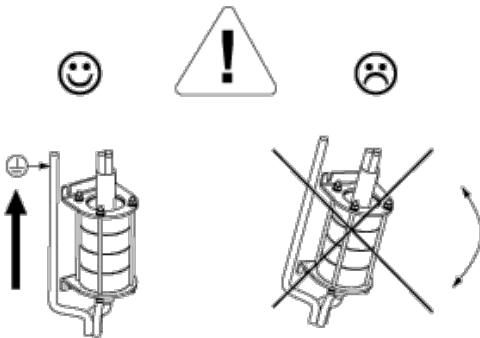
Dimensions in mm

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

Dimensions in in.

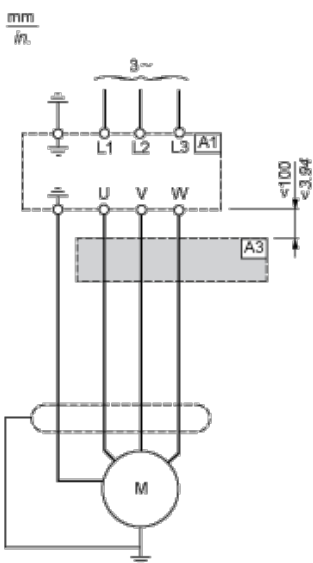
A	B	A1	B1	Ø1	C	D
4.7	2.6	4.1	2.0	0.18	2.6	1.5

Mounting Recommendations



Recommended Schema

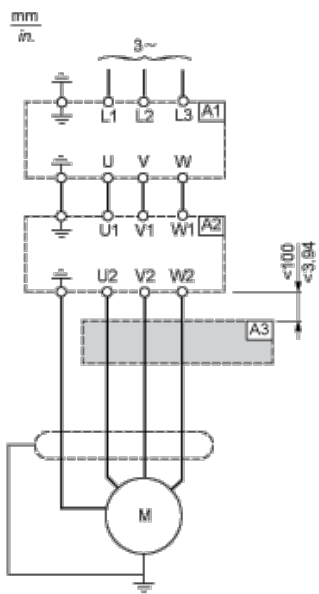
Connection at the Output Terminals of the Drive



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