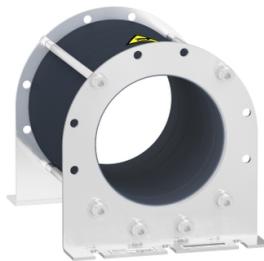


# Product data sheet

Specifications



## common mode filter for bearing current reduction - 274.8 $\mu$ H

VW3A5506

### Main

Product or component type	Common mode output filter
Range compatibility	Altivar Process ATV600 Altivar Process ATV900
Value of inductance	274.8 $\mu$ H
Product compatibility	Variable speed drive ATV630 wall mount, 110...160 kW, 380...480 V Variable speed drive ATV650 wall mount, 110...160 kW, 380...480 V Variable speed drive ATV930 wall mount, 110...160 kW, 380...480 V Variable speed drive ATV950 wall mount, 110...160 kW, 380...480 V Variable speed drive ATV630 wall mount, 55...75 kW, 380...480 V Variable speed drive ATV930 wall mount, 55...75 kW, 380...480 V

### Complementary

Maximum motor cable length	150 m(shielded cable) motor: 130...160 kW 380...480 V, with 1 filter 300 m(unshielded cable) motor: 110...160 kW 380...480 V, with 1 filter 300 m(shielded cable) motor: 110 kW 380...480 V, with 1 filter 500 m(shielded cable) motor: 110 kW 380...480 V, with 1 filter + VW3A5505 500 m(unshielded cable) motor: 130...160 kW 380...480 V, with 2 filter 1000 m(unshielded cable) motor: 110...160 kW 380...480 V, with 2 filter 150 m(shielded cable) motor: 75 kW 200...240 V, with 1 filter 300 m(unshielded cable) motor: 55...75 kW 200...240 V, with 1 filter 300 m(shielded cable) motor: 55 kW 200...240 V, with 1 filter 500 m(shielded cable) motor: 55 kW 200...240 V, with 1 filter + VW3A5505 500 m(unshielded cable) motor: 75 kW 200...240 V, with 2 filter 1000 m(unshielded cable) motor: 55...75 kW 200...240 V, with 2 filter
Saturation current	3.6 A
internal diameter	123.9 mm for 3-phase cable inside 123.9 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	256 mm
Width	191 mm
Depth	196 mm
Product weight	8.3 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	22.500 cm
Package 1 Width	36.000 cm
Package 1 Length	26.000 cm
Package 1 Weight	8.867 kg
Unit Type of Package 2	P06
Number of Units in Package 2	6
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	66.202 kg



## 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
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	<b>WARNING:</b> 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>

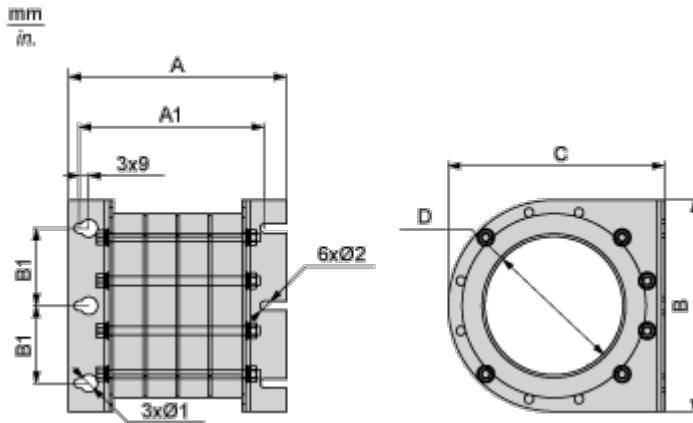
### Use Again

#### Repack and remanufacture

Take-back	No
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## Dimensions Drawings

## Dimensions



Dimensions in mm

A	A1	B1	Ø1	Ø2	B	C	D
255.8	226.4	70	16	8.5	191	196	123.9

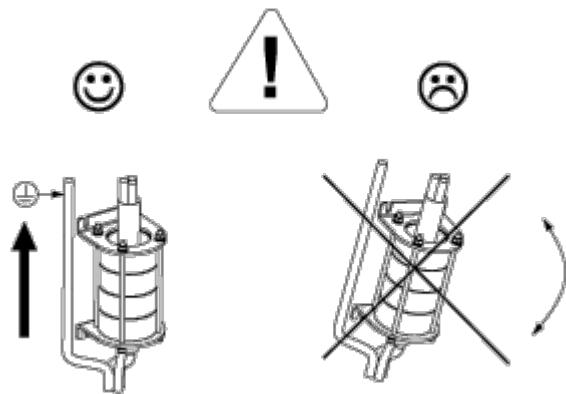
Dimensions in in.

A	A1	B1	Ø1	Ø2	B	C	D
10.1	8.5	2.8	0.6	0.33	7.5	7.7	4.9

Mounting and Clearance

Mounting Recommendations

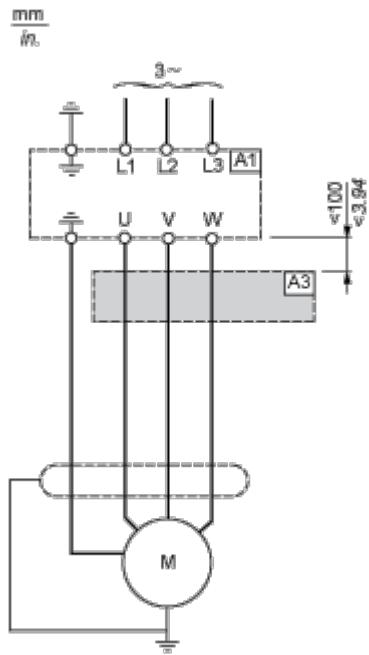
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## Connections and Schema

Recommended Schema

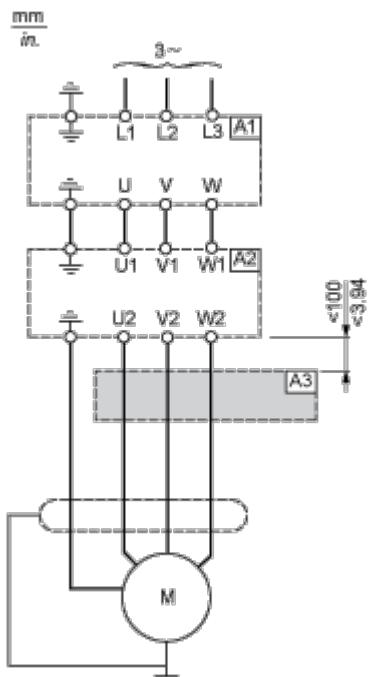
## Connection at the Output Terminals of the Drive



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