

# common mode filter for bearing current reduction - 183.2 µH

VW3A5505

! Discontinued on: Aug 27, 2020

① Discontinued

# Main

Product or component type	Common mode output filter				
Range compatibility	Altivar Process ATV600 Altivar Process ATV900				
Value of inductance	183.2 µH				
Product compatibility	Variable speed drive ATV630 wall mount, 110160 kW, 380480 V Variable speed drive ATV650 wall mount, 110160 kW, 380480 V Variable speed drive ATV930 wall mount, 110160 kW, 380480 V Variable speed drive ATV950 wall mount, 110160 kW, 380480 V Variable speed drive ATV630 wall mount, 5575 kW, 200240 V Variable speed drive ATV930 wall mount, 5575 kW, 200240 V				

# Complementary

Maximum motor cable length	150 m(unshielded cable) motor: 110160 kW 380480 V, with 1 filter 150 m(shielded cable) motor: 110 kW 380480 V, with 1 filter 300 m(shielded cable) motor: 130160 kW 380480 V, with 2 filter 500 m(unshielded cable) motor: 110160 kW 380480 V, with 2 filter 500 m(shielded cable) motor: 110 kW 380480 V, with 1 filter + VW3A5506 150 m(unshielded cable) motor: 5575 kW 200240 V, with 1 filter 150 m(shielded cable) motor: 55 kW 200240 V, with 1 filter 300 m(shielded cable) motor: 75 kW 200240 V, with 2 filter 500 m(unshielded cable) motor: 5575 kW 200240 V, with 2 filter 500 m(shielded cable) motor: 55 kW 200240 V, with 1 filter + VW3A5506			
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	197 mm			
Width	191 mm			
Depth	196 mm			
Net weight	6 kg			

#### **Environment**

Relative humidity	595 % without condensation
Ambient air temperature for operation	-1560 °C
Ambient air temperature for	-4070 °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	6.597 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	52.582 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**

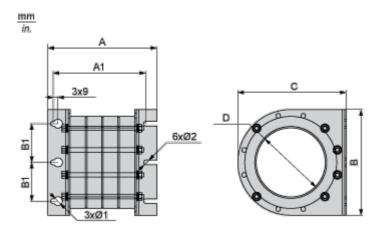
Materials and Packaging	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

#### **Use Again**

○ Repack and remanufacture		
Take-back	No	

# **Dimensions Drawings**

# **Dimensions**



#### Dimensions in mm

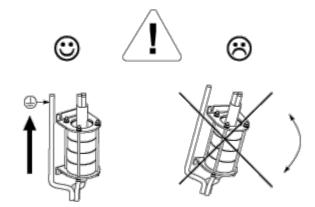
A	A1	B1	Ø1	Ø2	В	С	D
197.2	167.8	70	16	8.5	191	196	123.9

#### Dimensions in in.

A	A1	B1	Ø1	Ø2	В	С	D
7.8	6.3	2.8	0.6	0.33	7.5	7.7	4.9

Mounting and Clearance

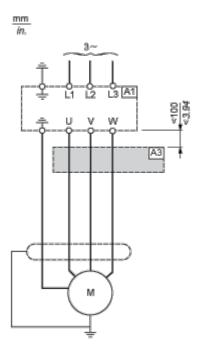
# **Mounting Recommendations**



#### Connections and Schema

#### **Recommended Schema**

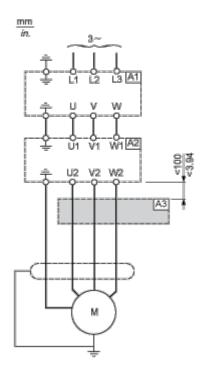
#### Connection at the Output Terminals of the Drive



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

# **Product datasheet**

# VW3A5505

A3: Common mode filter