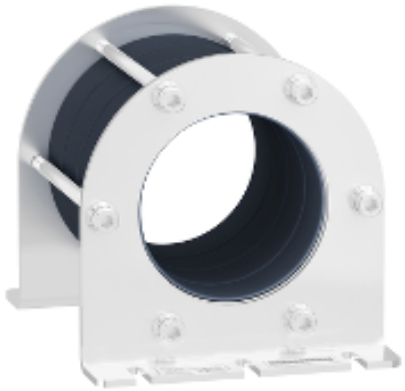
Product data sheet
Characteristics

VW3A5503
common mode filter for bearing current reduction, 120µH



Main

Product or component type	Common mode output filter
Range compatibility	Altivar Process ATV900 Altivar Process ATV600
Value of inductance	120 MH
Product compatibility	Variable speed drive ATV630 wall mount, 15…90 kW, 380...480 V[RETURN]Variable speed dri

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
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
Net weight	2.19 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	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

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised