

Product data sheet

Characteristics

VW3A5102

motor choke - 48 A - for variable speed drive



Main

Product or component type	Motor choke
Range compatibility	Altivar 71 Altivar 61
Product specific application	Output filter
[In] rated current	48 A

Product compatibility

ATV61H075N4
 ATV61HU15N4
 ATV61HU22N4
 ATV61HU30N4
 ATV61HU40N4
 ATV61W075N4
 ATV61W075N4C
 ATV61WU15N4
 ATV61WU15N4C
 ATV61WU22N4
 ATV61WU22N4C
 ATV61WU30N4
 ATV61WU30N4C
 ATV61WU40N4
 ATV61WU40N4C
 ATV71H075N4
 ATV71HU15N4
 ATV71HU22N4
 ATV71HU30N4
 ATV71HU40N4
 ATV71P075N4Z
 ATV71PU15N4Z
 ATV71PU22N4Z
 ATV71PU30N4Z
 ATV71PU40N4Z
 ATV71W075N4
 ATV71WU15N4
 ATV71WU22N4
 ATV71WU30N4
 ATV71WU40N4
 ATV61HD11N4
 ATV61HD11Y
 ATV61HD15N4
 ATV61HD18N4
 ATV61HU22S6X
 ATV61HU30M3
 ATV61HU30S6X
 ATV61HU30Y
 ATV61HU40M3
 ATV61HU40S6X
 ATV61HU40Y
 ATV61HU55M3
 ATV61HU55N4
 ATV61HU55S6X
 ATV61HU55Y
 ATV61HU75M3
 ATV61HU75N4
 ATV61HU75S6X
 ATV61HU75Y
 ATV61WD11N4
 ATV61WD11N4C
 ATV61WD15N4
 ATV61WD15N4C
 ATV61WD18N4
 ATV61WD18N4C
 ATV61WU55N4
 ATV61WU55N4C
 ATV61WU75N4
 ATV61WU75N4C
 ATV71HD11N4
 ATV71HD11Y
 ATV71HD15N4
 ATV71HD18N4
 ATV71HU15S6X
 ATV71HU22S6X
 ATV71HU22Y
 ATV71HU30M3
 ATV71HU30S6X
 ATV71HU30Y
 ATV71HU40M3
 ATV71HU40S6X
 ATV71HU40Y
 ATV71HU55M3
 ATV71HU55N4
 ATV71HU55S6X
 ATV71HU55Y
 ATV71HU75M3
 ATV71HU75N4
 ATV71HU75S6X
 ATV71HU75Y
 ATV71PD11N4Z
 ATV71PU55N4Z
 ATV71PU75N4Z
 ATV71WD11N4
 ATV71WD15N4

Nedded quantity	1
Electrical connection	Terminal, connection capacity: 10 mm² / AWG 6

Complementary

Maximum motor cable length	200 M shielded cable P motor 2.2...7.5 kW at 200...240 V 1 260 M unshielded cable P motor 2.2...7.5 kW at 200...240 V 1 85 M shielded cable P motor 0.75...18.5 kW at 380...480 V 1 95 M unshielded cable P motor 0.75...18.5 kW at 380...480 V 1 50 M shielded cable P motor 2.2...7.5 kW at 500...600 V 1 100 M unshielded cable P motor 2.2...7.5 kW at 500...600 V 1 45 M shielded cable P motor 2.2...11 kW at 500...690 V 1 70 m unshielded cable P motor 2.2...11 kW at 500...690 V 1
Dv/dt	500 V/μs max at 400 V 750 V/μs max at 500 V 1000 V/μs max at 690 V
Thermal losses	250 W
Tightening torque	1.5 N.m
Maximum drive output frequency	100 Hz
Protection type	Thermal protection by temperature-controlled switch, tripping temperature: 125 °C for <250 V AC, <0.5 A
Ambient air temperature for operation	-10...50 °C
Net weight	8 kg

Environment

IP degree of protection	IP20 (with kits VW3A9612,613) IP00
Ambient air temperature for storage	-25...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	27.100 cm
Package 1 Width	26.500 cm
Package 1 Length	28.100 cm
Package 1 Weight	5.979 kg
Unit Type of Package 2	P06
Number of Units in Package 2	8
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	60.832 kg

Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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