

Product datasheet

Specifications



motor choke, Altivar, for variable speed drive, 90A

VW3A5103

Main

Product or component type	Motor choke
Range compatibility	Altivar 212 Altivar 61 Altivar 71 Altivar Process ATV900 Altivar Process ATV600
Product specific application	Output filter
[In] rated current	90 A

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
ATV71WD18N4
ATV71WU55N4
ATV71WU75N4
ATV212H075M3X
ATV212H075N4
ATV212HD11M3X
ATV212HD11N4
ATV212HU15M3X
ATV212HU15N4
ATV212HU22M3X
ATV212HU22N4
ATV212HU30M3X
ATV212HU30N4
ATV212HU40M3X
ATV212HU40N4
ATV212HU55M3X
ATV212HU55N4
ATV212HU75M3X
ATV212HU75N4
ATV212W075N4
ATV212W075N4C
ATV212WD11N4
ATV212WD11N4C
ATV212WU15N4
ATV212WU15N4C
ATV212WU22N4
ATV212WU22N4C
ATV212WU30N4
ATV212WU30N4C
ATV212WU40N4
ATV212WU40N4C
ATV212WU55N4
ATV212WU55N4C
ATV212WU75N4
ATV212WU75N4C
ATV61HD11M3X
ATV61HD15M3X
ATV61HD15Y
ATV61HD18M3X
ATV61HD18Y
ATV61HD22M3X
ATV61HD22N4
ATV61HD22Y
ATV61HD30N4
ATV61HD30Y
ATV61HD37N4
ATV61WD22N4
ATV61WD22N4C
ATV61WD30N4
ATV61WD30N4C
ATV61WD37N4
ATV61WD37N4C
ATV71HD11M3X
ATV71HD15M3X
ATV71HD15Y
ATV71HD18M3X
ATV71HD18Y
ATV71HD22M3X
ATV71HD22N4
ATV71HD22Y
ATV71HD30Y
ATV71HD37N4
ATV71WD30N4
ATV71WD37N4
ATV630 variable speed drive - 2.2 kW, 500...690 V three phase
ATV630 variable speed drive - 3 kW, 500...690 V three phase
ATV630 variable speed drive - 4 kW, 500...690 V three phase
ATV630 variable speed drive - 5.5 kW, 500...690 V three phase
ATV630 variable speed drive - 7.5 kW, 500...690 V three phase
ATV630 variable speed drive - 11 kW, 500...690 V three phase
ATV930 variable speed drive - 2.2 kW, 500...690 V three phase
ATV930 variable speed drive - 3 kW, 500...690 V three phase
ATV930 variable speed drive - 4 kW, 500...690 V three phase
ATV930 variable speed drive - 5.5 kW, 500...690 V three phase
ATV930 variable speed drive - 7.5 kW, 500...690 V three phase

ATV930 variable speed drive - 11 kW, 500...690 V three phase
ATV630 variable speed drive, 3 hp, 600 V three phase
ATV630 variable speed drive, 5 hp, 600 V three phase
ATV630 variable speed drive, 7.5 hp, 600 V three phase
ATV630 variable speed drive, 10 hp, 600 V three phase
ATV630 variable speed drive, 15 hp, 600 V three phase
ATV930 variable speed drive, 3 hp, 600 V three phase
ATV930 variable speed drive, 5 hp, 600 V three phase
ATV930 variable speed drive, 7.5 hp, 600 V three phase
ATV930 variable speed drive, 10 hp, 600 V three phase
ATV930 variable speed drive, 15 hp, 600 V three phase

nedded quantity	1
Electrical connection	Bare wires diameter: 9 mm

Complementary

Maximum motor cable length	300 m shielded cable P motor 2.2...7.5 kW at 200...240 V 1 300 m unshielded cable P motor 2.2...7.5 kW at 200...240 V 1 150 m shielded cable P motor 11...22 kW at 200...240 V 1 300 m unshielded cable P motor 11...22 kW at 200...240 V 1 160 m shielded cable P motor 0.75...18.5 kW at 380...480 V 1 200 m unshielded cable P motor 0.75...18.5 kW at 380...480 V 1 140 m shielded cable P motor 22...30 kW at 380...480 V 1 170 m unshielded cable P motor 22...30 kW at 380...480 V 1 75 m shielded cable P motor 2.2...7.5 kW at 500...600 V 1 150 m unshielded cable P motor 2.2...7.5 kW at 500...600 V 1 65 m shielded cable P motor 2.2...30 kW at 500...690 V 1 100 m unshielded cable P motor 2.2...30 kW at 500...690 V 1 150 m shielded cable P motor 2.2...7.5 kW at 500...690 V 2 250 m unshielded cable P motor 2.2...7.5 kW at 500...690 V 2 100 m shielded cable P motor 2.2...30 kW at 500...690 V 2 150 m unshielded cable P motor 2.2...30 kW at 500...690 V 2 97 m shielded cable P motor 37 kW at 380...480 V 1 166 m unshielded cable P motor 37 kW at 380...480 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	350 W
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	10 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	28.000 cm
Package 1 Width	26.500 cm
Package 1 Length	28.000 cm
Package 1 Weight	9.555 kg
Unit Type of Package 2	S06
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	90.816 kg

Logistical informations

Country of origin	HU
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Contractual warranty

Warranty (in months)	18
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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
EU RoHS Directive	Compliant

Use Longer

Lifetime extension	
Repair	No

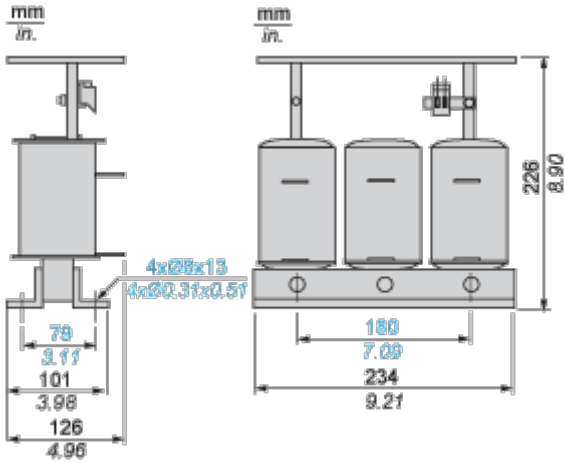
Use Again

Repack and remanufacture	
Take-back	Yes

Dimensions Drawings

Dimensions

Right and Front View



Mounting and Clearance

Mounting Recommendations

