

# Product datasheet

Specifications



## motor choke - 48 A - for variable speed drive

VW3A5102

⚠ Discontinued on: 23 Jul 2021

Price: 7,160.64 ZAR

⚠ To be discontinued

### Main

|                              |                          |
|------------------------------|--------------------------|
| Product Or Component Type    | Motor choke              |
| Range Compatibility          | Altivar 71<br>Altivar 61 |
| Product Specific Application | Output filter            |
| [In] Rated Current           | 48 A                     |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

|                       |              |
|-----------------------|--------------|
| 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   |

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ATV71PD11N4Z  
ATV71PU55N4Z  
ATV71PU75N4Z  
ATV71WD11N4  
ATV71WD15N4  
ATV71WD18N4  
ATV71WU55N4  
ATV71WU75N4

|                       |                                               |
|-----------------------|-----------------------------------------------|
| 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<br>260 m unshielded cable P motor 2.2...7.5 kW at 200...240 V 1<br>85 m shielded cable P motor 0.75...18.5 kW at 380...480 V 1<br>95 m unshielded cable P motor 0.75...18.5 kW at 380...480 V 1<br>50 m shielded cable P motor 2.2...7.5 kW at 500...600 V 1<br>100 m unshielded cable P motor 2.2...7.5 kW at 500...600 V 1<br>45 m shielded cable P motor 2.2...11 kW at 500...690 V 1<br>70 m unshielded cable P motor 2.2...11 kW at 500...690 V 1 |
| Dv/Dt                                 | 500 V/µs max at 400 V<br>750 V/µs max at 500 V<br>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)<br>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 |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

|                       |                            |                                                                                                   |
|-----------------------|----------------------------|---------------------------------------------------------------------------------------------------|
| ✓                     | Reach Free Of Svhc         |                                                                                                   |
| ✓                     | Toxic Heavy Metal Free     |                                                                                                   |
| ✓                     | Mercury Free               |                                                                                                   |
| ✓                     | Rohs Exemption Information | Yes                                                                                               |
|                       |                            |                                                                                                   |
| Reach Regulation      |                            | <a href="#">REACH Declaration</a>                                                                 |
|                       |                            |                                                                                                   |
| Eu Rohs Directive     |                            | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
|                       |                            |                                                                                                   |
| China Rohs Regulation |                            | <a href="#">China RoHS declaration</a>                                                            |