

# Product datasheet

Specifications



## DC choke - 1.2 mH - 44 A - for variable speed drive

VW3A4508

-  **Discontinued on:** 11 Jul 2022
-  **To be end-of-service on:** 31 Dec 2024

 **Discontinued**

**Price: 4,793.72 ZAR**

### Main

|                           |                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Or Component Type | DC choke                                                                                                                                           |
| Range Compatibility       | Altivar 61<br>Altivar 71                                                                                                                           |
| Device Application        | Reduction of current harmonics                                                                                                                     |
| Value Of Inductance       | 1.2 mH                                                                                                                                             |
| [In] Rated Current        | 44 A                                                                                                                                               |
| Thermal Losses            | 57.5 W                                                                                                                                             |
| Product Compatibility     | ATV61HD15N4<br>ATV61HU40M3<br>ATV71HU55M3<br>ATV71WD18N4<br>ATV71HD15N4<br>ATV61HU55M3<br>ATV61HD18N4<br>ATV71HU40M3<br>ATV71WD15N4<br>ATV71HD18N4 |
| Electrical Connection     | Earth circuit terminal, connection capacity: 10 mm <sup>2</sup> (AWG 6)<br>Power supply terminal, connection capacity: 10 mm <sup>2</sup> (AWG 6)  |

### Complementary

|                                    |                                                                   |
|------------------------------------|-------------------------------------------------------------------|
| Network Number Of Phases           | 3 phases                                                          |
| Supply Frequency                   | 50...60 Hz                                                        |
| Maximum Voltage Drop At Rated Load | 6 %                                                               |
| Max Current                        | 1.65 x nominal current (duration = 60 s)                          |
| Tightening Torque                  | 1.2...1.4 N.m for earth circuit<br>1.2...1.4 N.m for power supply |
| Height                             | 142 mm                                                            |
| Width                              | 108 mm                                                            |
| Depth                              | 145 mm                                                            |
| Net Weight                         | 4.3 kg                                                            |

### Environment

|                         |          |
|-------------------------|----------|
| Ip Degree Of Protection | IP20     |
| Relative Humidity       | 0...95 % |

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

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

|                                       |                                                                                           |
|---------------------------------------|-------------------------------------------------------------------------------------------|
| Ambient Air Temperature For Operation | 50...60 °C (with current derating 2.2 % per °C)<br>-10...50 °C (without current derating) |
| Ambient Air Temperature For Storage   | -40...65 °C                                                                               |
| Operating Altitude                    | <= 1000 m without current derating<br>1000...3000 m with current derating 1 % per 100 m   |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type Of Package 1       | PCE      |
| Number Of Units In Package 1 | 1        |
| Package 1 Height             | 24 cm    |
| Package 1 Width              | 18.5 cm  |
| Package 1 Length             | 20.5 cm  |
| Package 1 Weight             | 5.038 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>                                                            |