

# Product datasheet

Specifications



## additionnal EMC input filter - 3-phase supply - 90 A

VW3A4406

 To be discontinued on: 31 Dec 2024

 To be discontinued

Price: 13,420.09 ZAR

### Main

|                              |                                                                                                                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Of Product             | Altivar                                                                                                                                                                                              |
| Product Or Component Type    | EMC input filter                                                                                                                                                                                     |
| Range Compatibility          | Altivar 71<br>Altivar 212<br>Altivar 61                                                                                                                                                              |
| Product Compatibility        | ATV212HU22N4<br>ATV212HU30N4<br>ATV212HD22M3X<br>ATV61HD18M3X<br>ATV61HD22M3X<br>ATV61HD22N4<br>ATV71HD18M3X<br>ATV71HD22M3X<br>ATV71HD22N4<br>ATV71WD22N4                                           |
| Product Specific Application | Radio interference input filter                                                                                                                                                                      |
| [In] Rated Current           | 90 A                                                                                                                                                                                                 |
| Thermal Losses               | 13.5 W for ATV21HD30N4<br>27.1 W for ATV21HD22M3X<br>7.3 W for ATV21HD22N4<br>34 W for 200...240 V AC ATV61/ATV71 variable speed drives<br>11 W for 380...480 V AC ATV61/ATV71 variable speed drives |
| Network Number Of Phases     | Three phase                                                                                                                                                                                          |

### Complementary

|                               |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| Electrical Connection         | Terminal 50 mm² AWG 0                                                                            |
| Tightening Torque             | 6 N.m                                                                                            |
| Maximum Earth Leakage Current | 60 mA at 400 V 50 Hz<br>33 mA at 400 V 50 Hz<br>40.6 mA at 480 V 60 Hz<br>84.5 mA at 480 V 60 Hz |
| Power Supply Voltage          | 200...240 V<br>380...500 V                                                                       |
| Tolerance                     | 10 %                                                                                             |
| Net Weight                    | 15 kg                                                                                            |

### Environment

|                         |                                   |
|-------------------------|-----------------------------------|
| Ip Degree Of Protection | IP20<br>IP41 (upper part)         |
| Relative Humidity       | 0...93 % conforming to IEC 68-2-3 |

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 | -10...50 °C                                                                                                         |
| 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                             |
| Vibration Resistance                  | 1 gn (f= 13...150 Hz) conforming to IEC 60068-2-6<br>1.5 mm peak to peak (f= 3...13 Hz) conforming to IEC 60068-2-6 |
| Shock Resistance                      | 15 gn for 11 ms conforming to EN/IEC 60068-2-27                                                                     |
| Standards                             | EN 133200                                                                                                           |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type Of Package 1       | PCE        |
| Number Of Units In Package 1 | 1          |
| Package 1 Height             | 20.000 cm  |
| Package 1 Width              | 91.500 cm  |
| Package 1 Length             | 47.000 cm  |
| Package 1 Weight             | 13.862 kg  |
| Unit Type Of Package 2       | P12        |
| Number Of Units In Package 2 | 4          |
| Package 2 Height             | 75.000 cm  |
| Package 2 Width              | 80.000 cm  |
| Package 2 Length             | 120.000 cm |
| Package 2 Weight             | 50.086 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 >](#)

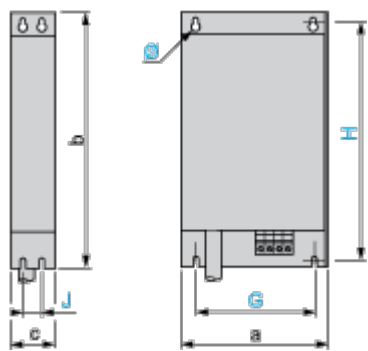
[Guide to assess a product's sustainability >](#)

## 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>                                                            |

Additional EMC Input Filters

Dimensions



Dimensions in mm

| a   | b   | c  | G   | H     | J  | Ø |
|-----|-----|----|-----|-------|----|---|
| 240 | 522 | 79 | 200 | 502.5 | 40 | 9 |

Dimensions in in.

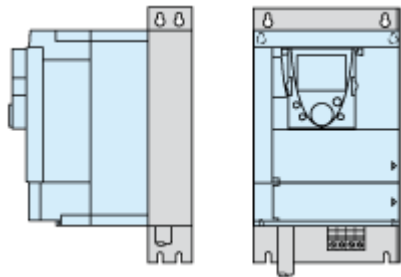
| a    | b     | c    | G    | H     | J    | Ø    |
|------|-------|------|------|-------|------|------|
| 9.45 | 20.55 | 3.11 | 7.87 | 19.78 | 1.57 | 0.35 |

Mounting and Clearance

Mounting Recommendations

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Mounting the Filter Under the Drive



Mounting the Filter Next to the Drive

