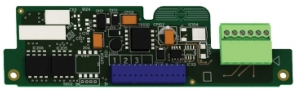
# Product datasheet

Specifications

Green Premium™



## encoder interface card, Altivar, differential outpt, with RS422 compatible, 5V DC

VW3A3401

## Main

| | |
|---|---|
| **Range Of Product** | Altivar |
| **Product Or Component Type** | Encoder interface card |
| **Range Compatibility** | Altivar Lift<br>Altivar 61<br>Altivar 71Q<br>Altivar 71<br>Altivar 61Q |
| **Discrete Output Type** | Differential |
| **Communication Port Protocol** | RS422 |
| **[Us] Rated Supply Voltage** | 5 V DC (voltage limits: 5…5.5 V) |
| **Number Of Pulses Per Revolution** | 10000 for ATV71H.....383<br>5000 for all ATV61 drives<br>5000 for ATV71H...M3<br>5000 for ATV71H...M3X<br>5000 for ATV71H...N4 |

## Complementary

| | |
|---|---|
| **Maximum Supply Current** | 0.2 A |
| **Protection Type** | Short-circuit protection<br>Overload protection |
| **Maximum Cable Distance Between Devices** | 50 m |
| **Maximum Operating Frequency** | 300 kHz |
| **Input Signal** | A<br>B<br>Compliment of A<br>Compliment of B |
| **Input Impedance** | 440 Ohm |
| **Electrical Connection** | Terminal, connection capacity: 0.2 mm² (AWG 24) <25 m cable length, encoder, 100 mA at 4.5 V<br>Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 200 mA at 4.5 V<br>Terminal, connection capacity: 0.5 mm² (AWG 20) <50 m cable length, encoder, 100 mA at 4.5 V<br>Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 200 mA at 4.5 V |
| **Net Weight** | 0.2 kg |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 7.500 cm |

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

| | |
|---|---|
| **Package 1 Width** | 17.000 cm |
| **Package 1 Length** | 23.000 cm |
| **Package 1 Weight** | 142.000 g |
| **Unit Type Of Package 2** | S03 |
| **Number Of Units In Package 2** | 7 |
| **Package 2 Height** | 30.000 cm |
| **Package 2 Width** | 30.000 cm |
| **Package 2 Length** | 40.000 cm |
| **Package 2 Weight** | 1.479 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-$CO_2$ 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 >

Transparency RoHS/REACh

## Well-being performance

Mercury Free

| | |
|---|---|
| Rohs Exemption Information | Yes |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Pro-active compliance (Product out of EU RoHS legal scope) |
| **China Rohs Regulation** | China RoHS declaration |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | No need of specific recycling operations |