Product data sheet
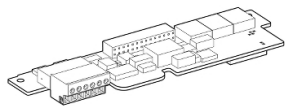
Specifications

Encoder interface card, Altivar, RS422, differential output, overload and short circuit protection

VW3A3402

(!) Discontinued on: Jan 5, 2022

(!) To be end-of-service on: Dec 31, 2032

(!) **Discontinued - Service only**

Main

Range Of Product	Altivar
Product Or Component Type	Encoder interface card
Range Compatibility	Altivar 71 Altivar 71Q Altivar Lift
Discrete Output Type	Differential
Communication Port Protocol	RS422
[Us] Rated Supply Voltage	15 V DC (voltage limits: 15…16 V)
Number Of Pulses Per Revolution	10000 for ATV71H......383 5000 for ATV71H...M3 5000 for ATV71H...M3X 5000 for ATV71H...N4

Complementary

Maximum Supply Current	0.175 A
Protection Type	Overload protection Short-circuit protection
Maximum Cable Distance Between Devices	100 m
Maximum Operating Frequency	300 kHz
Input Signal	A B Compliment of A Compliment of B
Input Impedance	1000 Ohm
Electrical Connection	Terminal, connection capacity: 0.2 mm² (AWG 24) <100 m cable length, encoder, 100 mA at 8 V Terminal, connection capacity: 0.2 mm² (AWG 24) <100 m cable length, encoder, 175 mA at 8 V Terminal, connection capacity: 0.2 mm² (AWG 24) <25 m cable length, encoder, 100 mA at 8 V Terminal, connection capacity: 0.2 mm² (AWG 24) <25 m cable length, encoder, 175 mA at 8 V Terminal, connection capacity: 0.2 mm² (AWG 24) <50 m cable length, encoder, 100 mA at 8 V Terminal, connection capacity: 0.2 mm² (AWG 24) <50 m cable length, encoder, 175 mA at 8 V
Net Weight	0.2 kg

Packing Units

Unit Type Of Package 1	PCE

Number Of Units In Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	17.0 cm
Package 1 Length	23.0 cm
Package 1 Weight	153.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.549 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} 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
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov