

Product data sheet

Specifications



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

VW3A3401

Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar Lift Altivar 61 Altivar 71Q Altivar 71 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 5000 for all ATV61 drives 5000 for ATV71H...M3 5000 for ATV71H...M3X 5000 for ATV71H...N4

Complementary

Maximum supply current	0.2 A
Protection type	Short-circuit protection Overload protection
Maximum cable distance between devices	50 m
Maximum operating frequency	300 kHz
Input signal	A B Complement of A Complement of B
Input impedance	440 Ohm
Electrical connection	Terminal, connection capacity: 0.2 mm ² (AWG 24) <25 m cable length, encoder, 100 mA at 4.5 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <25 m cable length, encoder, 200 mA at 4.5 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <50 m cable length, encoder, 100 mA at 4.5 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <50 m cable length, encoder, 200 mA at 4.5 V
Product 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
----------	-----------

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Total lifecycle Carbon footprint	7
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	Cc2968dc-a4a6-4061-8b47-03045426e4ec
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

Use Again

Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No