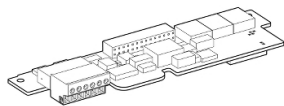


# Product data sheet

Specifications

## universal encoder interface card, Altivar, 5 to 12V, 0.2A



VW3A3409

### Main

Range Of Product	Altivar
Product Or Component Type	Encoder interface card
Range Compatibility	Altivar 71 Altivar 71Q Altivar Lift
Encoder Type	SinCos Hiperface EnDat 2.2 SSI
[Us] Rated Supply Voltage	5 V (voltage limits: 5...5.5 V) 8 V (voltage limits: 8...8.5 V) 12 V (voltage limits: 12...12.5 V)

### Complementary

Product Compatibility	ATV71H...M3383 ATV71H...M3X383 ATV71H...N4383
Maximum Supply Current	0.2 A
Protection Type	Short-circuit protection Overload protection
Maximum Cable Distance Between Devices	50 m
Speed Feedback Resolution	2exp(13) maximum
Clock Frequency	500 kHz fixed
Output Type	SinCos 10000 lines maximum EnDat 2.1 25 bits maximum SSI Gray or binary with no, odd or even parity, configurable SinCos Hiperface 10000 lines maximum

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

Electrical Connection	Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 100 mA at 4.75 V
	Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 100 mA at 7.75 V
	Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 100 mA at 14.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 100 mA at 4.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 100 mA at 7.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 100 mA at 14.75 V
	Terminal, connection capacity: 1 mm² (AWG 17) <25 m cable length, encoder, 200 mA at 4.75 V
	Terminal, connection capacity: 1 mm² (AWG 17) <25 m cable length, encoder, 200 mA at 7.75 V
	Terminal, connection capacity: 1 mm² (AWG 17) <25 m cable length, encoder, 200 mA at 14.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <50 m cable length, encoder, 200 mA at 4.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <50 m cable length, encoder, 200 mA at 7.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <50 m cable length, encoder, 200 mA at 14.75 V
Net Weight	0.2 kg

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.000 cm
Package 1 Width	17.000 cm
Package 1 Length	23.500 cm
Package 1 Weight	156.000 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	1.566 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 >](#)



Transparency   RoHS/REACH

## Well-being performance



Mercury Free



RoHS Exemption Information

Yes

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>