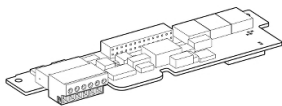


Product data sheet

Specifications



encoder interface card with RS422 compatible differential O w encoder emulation

VW3A3411

⚠ Discontinued on: Dec 31, 2023

⚠ To be end-of-service on: Dec 31, 2026

⚠ Discontinued - Service only

Main

Range Of Product	Altivar
Product Or Component Type	Encoder interface card
Range Compatibility	Altivar Lift Altivar 71 Altivar 71Q
Discrete Output Type	Differential
Communication Port Protocol	RS422
[Us] Rated Supply Voltage	5 V (voltage limits: 5...5.5 V) 15 V (voltage limits: 15...16 V)
Number Of Pulses Per Revolution	10000

Complementary

Product Compatibility	ATV71H...M3383 ATV71H...M3X383 ATV71H...N4383
Maximum Supply Current	0.2 A
Protection Type	Overload protection Short-circuit protection
Maximum Cable Distance Between Devices	50 m
Maximum Operating Frequency	300 kHz
Input Signal	A B Compliment of A Compliment of B Compliment of Z Z
Input Impedance	440 Ohm
Output Signal	A compliment of A A compliment of A B compliment of B A compliment of A B compliment of B Z compliment of Z
Ratio	1, 1/2, 1/4, 1/8, 1/16, 1/32 or 1/64

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: 0.75 mm² (AWG 18) <50 m cable length, encoder, 100 mA at 4.75 V
	Terminal, connection capacity: 1 mm² (AWG 17) <25 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 4.75 V
	Terminal, connection capacity: 0.2 mm² (AWG 24) <25 m cable length, encoder, 100 mA at 14.75 V
	Terminal, connection capacity: 0.2 mm² (AWG 24) <25 m cable length, encoder, 50 mA at 14.75 V
	Terminal, connection capacity: 0.2 mm² (AWG 24) <25 m cable length, encoder, 50 mA at 4.75 V
	Terminal, connection capacity: 0.2 mm² (AWG 24) <50 m cable length, encoder, 50 mA at 14.75 V
	Terminal, connection capacity: 0.5 mm² (AWG 20) <100 m cable length, encoder, 50 mA at 14.75 V
	Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 200 mA at 14.75 V
	Terminal, connection capacity: 0.5 mm² (AWG 20) <50 m cable length, encoder, 100 mA at 14.75 V
	Terminal, connection capacity: 0.5 mm² (AWG 20) <50 m cable length, encoder, 50 mA at 4.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <100 m cable length, encoder, 100 mA at 14.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <100 m cable length, encoder, 50 mA at 4.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 200 mA at 14.75 V
	Terminal, connection capacity: 1 mm² (AWG 17) <200 m cable length, encoder, 50 mA at 14.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <100 m cable length, encoder, 100 mA at 4.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <100 m cable length, encoder, 200 mA at 14.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <200 m cable length, encoder, 100 mA at 14.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <200 m cable length, encoder, 50 mA at 4.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <300 m cable length, encoder, 50 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	7 cm
Package 1 Width	17 cm
Package 1 Length	23 cm
Package 1 Weight	145 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1.519 kg

Contractual warranty

Warranty	18 months
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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-CO₂ 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