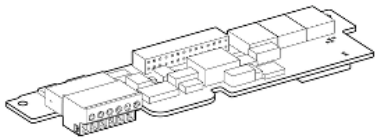


Product data sheet

Specifications



Encoder interface card, Altivar, ATV71, ATVLift, with RS422 compatible differential outputs, 15VDC

VW3A3402

⚠ Discontinued - Service only

⚠ Discontinued on: 05 January 2022

⚠ To be end-of-service on: 31 December 2026

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 mm ² (AWG 24) <100 m cable length, encoder, 100 mA at 8 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <100 m cable length, encoder, 175 mA at 8 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <25 m cable length, encoder, 100 mA at 8 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <25 m cable length, encoder, 175 mA at 8 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <50 m cable length, encoder, 100 mA at 8 V Terminal, connection capacity: 0.2 mm ² (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

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)