



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

Electrical connection	Terminal, connection capacity: 0.5 mm ² (AWG 20) <25 m cable length, encoder, 100 mA at 4.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <50 m cable length, encoder, 100 mA at 4.75 V Terminal, connection capacity: 1 mm ² (AWG 17) <25 m cable length, encoder, 200 mA at 4.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <50 m cable length, encoder, 200 mA at 4.75 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <25 m cable length, encoder, 100 mA at 14.75 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <25 m cable length, encoder, 50 mA at 14.75 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <25 m cable length, encoder, 50 mA at 4.75 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <50 m cable length, encoder, 50 mA at 14.75 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <100 m cable length, encoder, 50 mA at 14.75 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <25 m cable length, encoder, 200 mA at 14.75 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <50 m cable length, encoder, 100 mA at 14.75 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <50 m cable length, encoder, 50 mA at 4.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <100 m cable length, encoder, 100 mA at 14.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <100 m cable length, encoder, 50 mA at 4.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <50 m cable length, encoder, 200 mA at 14.75 V Terminal, connection capacity: 1 mm ² (AWG 17) <200 m cable length, encoder, 50 mA at 14.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <100 m cable length, encoder, 100 mA at 4.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <100 m cable length, encoder, 200 mA at 14.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <200 m cable length, encoder, 100 mA at 14.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <200 m cable length, encoder, 50 mA at 4.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <300 m cable length, encoder, 50 mA at 14.75 V
Net weight	0.2 kg

Packing Units

Package 1 Weight	0.145 kg
Package 1 Height	0.700 dm
Package 1 width	1.700 dm
Package 1 Length	2.300 dm

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
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile

Contractual warranty

Warranty	18 months
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