



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
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: 0.5 mm ² (AWG 20) <25 m cable length, encoder, 100 mA at 7.75 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <25 m cable length, encoder, 100 mA at 14.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <50 m cable length, encoder, 100 mA at 4.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <50 m cable length, encoder, 100 mA at 7.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <50 m cable length, encoder, 100 mA at 14.75 V Terminal, connection capacity: 1 mm ² (AWG 17) <25 m cable length, encoder, 200 mA at 4.75 V Terminal, connection capacity: 1 mm ² (AWG 17) <25 m cable length, encoder, 200 mA at 7.75 V Terminal, connection capacity: 1 mm ² (AWG 17) <25 m cable length, encoder, 200 mA at 14.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <50 m cable length, encoder, 200 mA at 4.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <50 m cable length, encoder, 200 mA at 7.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <50 m cable length, encoder, 200 mA at 14.75 V
Net weight	0.2 kg

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	173 g
Package 1 Height	7.2 cm
Package 1 width	17.5 cm
Package 1 Length	23.5 cm

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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