



Main

Range of product	Altivar
Product or component type	Encoder interface module
Range compatibility	Altivar 71 Altivar Lift Altivar 71Q
Encoder type	Resolver
Number of pulses per revolution	<= 4096
Excitation voltage	1.25...5.6 Vrms
Number of encoder poles	Encoder poles: 8 1875 rpm, number of pulses per revolution = 4096 Encoder poles: 6 2500 rpm, number of pulses per revolution = 4096 Encoder poles: 4 3750 rpm, number of pulses per revolution = 4096 Encoder poles: 2 7500 rpm, number of pulses per revolution = 4096 Encoder poles: 2, motor poles: 8 1875 rpm, number of pulses per revolution = 512 Encoder poles: 2, motor poles: 6 2500 rpm, number of pulses per revolution = 1024 Encoder poles: 2, motor poles: 4 3750 rpm, number of pulses per revolution = 2048 Encoder poles: 2, motor poles: 2 7500 rpm, number of pulses per revolution = 4096

Complementary

Product compatibility	ATV71H...N4383 ATV71H...M3X383 ATV71H...M3383
Cable length	<= 200 m
Ratio	Transformation : 4:1, 3:1, 2:1, 1:1
Excitation current	50 mA maximum
Secondary voltage	1 Vrms
Excitation frequency	Adjustable : 4, 8, 12 kHz
Speed feedback resolution	12 +/- 1 bits, 2exp(12) maximum
Electrical connection	Terminal, connection capacity: 1 mm ² (AWG 17) <= 200 m cable length (encoder consumption of 50 mA) Terminal, connection capacity: 0.75 mm ² (AWG 18) <= 200 m cable length (encoder consumption of 30 mA) Terminal, connection capacity: 0.5 mm ² (AWG 20) <= 50 m cable length (encoder consumption of 50 mA) Terminal, connection capacity: 0.5 mm ² (AWG 20) <= 100 m cable length (encoder consumption of 50 mA) Terminal, connection capacity: 0.5 mm ² (AWG 20) <= 100 m cable length (encoder consumption of 30 mA) Terminal, connection capacity: 0.2 mm ² (AWG 24) <= 50 m cable length (encoder consumption of 30 mA) Terminal, connection capacity: 0.2 mm ² (AWG 24) <= 25 m cable length (encoder consumption of 50 mA) Terminal, connection capacity: 0.2 mm ² (AWG 24) <= 25 m cable length (encoder consumption of 30 mA)
Product weight	0.2 kg

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