



Main

Product or component type	Encoder interface cards with RS422 compatible differential outputs
Range compatibility	Altivar 61 Altivar 71 Altivar Lift Altivar 61Q Altivar 71Q
[Us] rated supply voltage	5 V DC (voltage limits: 5...5.5 V)
Number of pulses per revolution	<= 10000 for ATV71H.....383 <= 5000 for all ATV61 drives <= 5000 for ATV71H...M3 <= 5000 for ATV71H...M3X <= 5000 for ATV71H...N4

Complementary

Supply current	<= 0.2 A
Protection type	Overload protection Short-circuit protection
Cable length	<= 50 m
Maximum operating frequency	300 kHz
Input signal	A B Compliment of A Compliment of B
Input impedance	440 Ohm
Electrical connection	Terminal, connection capacity: 0.2 mm ² (AWG 24), cable length = <= 25 m (encoder consumption of 100 mA at 4.5 V) Terminal, connection capacity: 0.5 mm ² (AWG 20), cable length = <= 25 m (encoder consumption of 200 mA at 4.5 V) Terminal, connection capacity: 0.5 mm ² (AWG 20), cable length = <= 50 m (encoder consumption of 100 mA at 4.5 V) Terminal, connection capacity: 0.75 mm ² (AWG 18), cable length = <= 50 m (encoder consumption of 200 mA at 4.5 V)
Product weight	0.2 kg

Environment

RoHS EUR status	Compliant
RoHS EUR conformity date	1030

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.