

## ATV cabinets



### Main

|                                 |                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------|
| Product or component type       | Encoder interface card RS422 compatible differential outputs w encoder emulation |
| Range compatibility             | Altivar 71 Plus                                                                  |
| [Us] rated supply voltage       | 15 V (voltage limits: 15...16 V)<br>5 V (voltage limits: 5...5.5 V)              |
| Number of pulses per revolution | <= 10000                                                                         |

### Complementary

|                             |                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------|
| Supply current              | <= 0.2 A                                                                                                          |
| Protection type             | Overload protection<br>Short-circuit protection                                                                   |
| Cable length                | <= 50 m                                                                                                           |
| Maximum operating frequency | 300 kHz                                                                                                           |
| Input signal                | A<br>B<br>Compliment of A<br>Compliment of B<br>Compliment of Z<br>Z                                              |
| Input impedance             | 440 Ohm                                                                                                           |
| Output signal               | A compliment of A B compliment of B Z compliment of Z<br>A compliment of A B compliment of B<br>A compliment of A |
| Ratio                       | 1, 1/2, 1/4, 1/8, 1/16, 1/32 or 1/64                                                                              |

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| Electrical connection | <p>Terminal, connection capacity: 1.5 mm<sup>2</sup> (AWG 15) (encoder consumption of 50 mA) at 14.75 V</p> <p>Terminal, connection capacity: 1.5 mm<sup>2</sup> (AWG 15) (encoder consumption of 50 mA) at 4.75 V</p> <p>Terminal, connection capacity: 1.5 mm<sup>2</sup> (AWG 15) (encoder consumption of 100 mA) at 14.75 V</p> <p>Terminal, connection capacity: 1.5 mm<sup>2</sup> (AWG 15) (encoder consumption of 200 mA) at 14.75 V</p> <p>Terminal, connection capacity: 1.5 mm<sup>2</sup> (AWG 15) (encoder consumption of 100 mA) at 4.75 V</p> <p>Terminal, connection capacity: 1 mm<sup>2</sup> (AWG 17) (encoder consumption of 50 mA) at 14.75 V</p> <p>Terminal, connection capacity: 0.75 mm<sup>2</sup> (AWG 18) (encoder consumption of 200 mA) at 14.75 V</p> <p>Terminal, connection capacity: 0.75 mm<sup>2</sup> (AWG 18) (encoder consumption of 50 mA) at 4.75 V</p> <p>Terminal, connection capacity: 0.75 mm<sup>2</sup> (AWG 18) (encoder consumption of 100 mA) at 14.75 V</p> <p>Terminal, connection capacity: 0.5 mm<sup>2</sup> (AWG 20) (encoder consumption of 50 mA) at 4.75 V</p> <p>Terminal, connection capacity: 0.5 mm<sup>2</sup> (AWG 20) (encoder consumption of 100 mA) at 14.75 V</p> <p>Terminal, connection capacity: 0.5 mm<sup>2</sup> (AWG 20) (encoder consumption of 200 mA) at 14.75 V</p> <p>Terminal, connection capacity: 0.5 mm<sup>2</sup> (AWG 20) (encoder consumption of 50 mA) at 14.75 V</p> <p>Terminal, connection capacity: 0.2 mm<sup>2</sup> (AWG 24) (encoder consumption of 50 mA) at 14.75 V</p> <p>Terminal, connection capacity: 0.2 mm<sup>2</sup> (AWG 24) (encoder consumption of 50 mA) at 4.75 V</p> <p>Terminal, connection capacity: 0.2 mm<sup>2</sup> (AWG 24) (encoder consumption of 50 mA) at 14.75 V</p> <p>Terminal, connection capacity: 0.2 mm<sup>2</sup> (AWG 24) (encoder consumption of 100 mA) at 14.75 V</p> <p>Terminal, connection capacity: 1.5 mm<sup>2</sup> (AWG 15) (encoder consumption of 200 mA) at 4.75 V</p> <p>Terminal, connection capacity: 1 mm<sup>2</sup> (AWG 17) (encoder consumption of 200 mA) at 4.75 V</p> <p>Terminal, connection capacity: 0.75 mm<sup>2</sup> (AWG 18) (encoder consumption of 100 mA) at 4.75 V</p> <p>Terminal, connection capacity: 0.5 mm<sup>2</sup> (AWG 20) (encoder consumption of 100 mA) at 4.75 V</p> |
| Product weight        | 0.2 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |