

# Product datasheet

Specifications



## encoder interface card with push-pull output - 24 V DC

VW3A3E407

### Main

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Range of product                | Altivar                             |
| Product or component type       | Encoder interface card              |
| Range compatibility             | Altivar 61 Plus<br>Altivar 71 Plus  |
| Discrete output type            | Push-pull                           |
| [Us] rated supply voltage       | 24 V DC (voltage limits: 20...30 V) |
| Number of pulses per revolution | 10000<br>5000                       |

### Complementary

|  |  |
|--|--|
| Maximum supply current                 | 0.175 A  |
| Protection type                        | Overload protection<br>Short-circuit protection  |
| Maximum cable distance between devices | 500 m  |
| Maximum operating frequency            | 300 kHz  |
| Input signal                           | A<br>B<br>Compliment of A<br>Compliment of B/AB/A  |
| Input impedance                        | 1000 Ohm   |
| Voltage state 0 guaranteed             | $\leq 1.5$ V   |
| Voltage state 1 guaranteed             | $> 11.5... < 25$ V   |
| Electrical connection                  | Terminal, connection capacity: 0.2 mm <sup>2</sup> (AWG 24) <500 m cable length, encoder, 100 mA at 14 V |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 7.5 cm  |
| Package 1 Width              | 17.0 cm |
| Package 1 Length             | 23.0 cm |
| Package 1 Weight             | 152.0 g |

### Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Longer



#### Lifetime extension

Repair

No