

Product datasheet

Specifications



encoder interface card with push-pull output - 12 V DC

VW3A3E405

⚠ Discontinued on: 31 Dec 2022

⚠ End-of-service on: 8 May 2024

⚠ Discontinued

Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar 61 Plus Altivar 71 Plus
Discrete output type	Push-pull
[Us] rated supply voltage	12 V DC (voltage limits: 12...13 V)
Number of pulses per revolution	10000 5000

Complementary

Maximum supply current	0.175 A
Protection type	Overload protection Short-circuit protection
Maximum cable distance between devices	500 m
Maximum operating frequency	300 kHz
Input signal	A B Compliment of A Compliment of B/AB/A
Input impedance	1 kOhm
Voltage state 0 guaranteed	<= 1.5 V
Voltage state 1 guaranteed	> 7.7...< 13 V
Electrical connection	Terminal, connection capacity: 0.2 mm ² (AWG 24) <100 m cable length, encoder, 100 mA at 10 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <100 m cable length, encoder, 175 mA at 10 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <200 m cable length, encoder, 100 mA at 10 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <200 m cable length, encoder, 175 mA at 10 V Terminal, connection capacity: 1 mm ² (AWG 17) <500 m cable length, encoder, 100 mA at 10 V Terminal, connection capacity: 1.5 mm ² (AWG 15) <500 m cable length, encoder, 175 mA at 10 V
Net weight	0.2 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Disclaimer: 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

Package 1 Height	7.5 cm
Package 1 Width	17.0 cm
Package 1 Length	23.0 cm
Package 1 Weight	154.0 g

Contractual warranty

Warranty (in months)	18
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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