

Product datasheet

Specifications



logic I/O card, Altivar

VW3A3E201

⚠ Discontinued on: 31 Dec 2022

⚠ End-of-service on: 8 May 2024

⚠ Discontinued

Main

Product or component type	Logic I/O card
Range compatibility	Altivar 61 Plus Altivar 71 Plus
Supply	Internal supply for reference potentiometer, 10.5 V DC (10...11 V) , <0.01 A, impedance: 1...10 kOhm for overload and short-circuit protection Internal supply, 24 V DC (21...27 V) , <0.2 A for overload and short-circuit protection
Discrete output number	5
Discrete output type	(R3A, R3B, R3C) configurable relay logic (LO1, LO2) assignable logic, sampling time: 1.5...2.5 ms, compatible with level 1 PLC
Discrete output logic	(LO1, LO2) negative (LO1, LO2) positive
Discrete input number	4
Discrete input type	(LI7...LI10) programmable, compatible with level 1 PLC, impedance: 3.5 kOhm, sampling time: 1.5...2.5 ms
Discrete input logic	Negative (LI7...LI10), ≥ 16 V (state 0), ≤ 10 V (state 1) Positive (LI7...LI10), ≤ 5 V (state 0), ≥ 11 V (state 1)

Complementary

Electrical durability	100000 cycles for configurable relay logic
Discrete output voltage	24 V DC (voltage limits: 12...30 V) assignable logic
Maximum output current	0.2 A, assignable logic
Minimum switching current	3 mA at 24 V DC for configurable relay logic
Maximum switching current	Configurable relay logic 2 A at 250 V AC on inductive load, $\cos \phi = 0.4$ and $L/R = 7$ ms Configurable relay logic 2 A at 30 V DC on inductive load, $\cos \phi = 0.4$ and $L/R = 7$ ms Configurable relay logic 5 A at 250 V AC on resistive load, $\cos \phi = 1$ Configurable relay logic 5 A at 30 V DC on resistive load, $\cos \phi = 1$
PTC probe input	TH1+, TH1- trip resistance, impedance: 3 kOhm TH1+, TH1- reset resistance, impedance: 1.8 Ohm TH1+, TH1- short circuit protection, impedance: < 0.05 Ohm TH1+, TH1- for 6 PTC probe, impedance: ≤ 1.5 Ohm
Discrete input voltage	24 V DC (voltage limits: ≤ 30 V) for programmable
Electrical connection	Terminal, 1.5 mm ² / AWG 16, 0.25 N.m
Net weight	0.3 kg

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	7.3 cm
Package 1 Width	17.0 cm
Package 1 Length	23.5 cm
Package 1 Weight	381.0 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