

Product datasheet

Specifications



extended I/O card, Altivar

VW3A3E202

⚠ Discontinued on: 9 Apr 2024

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Main

Product or component type	Extended 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
Analogue input number	2
Analogue input type	AI3-/AI3+ differential current programmable: 0...20 mA, impedance: 250 Ohm, sampling time: 4...6 ms, resolution: 11 bits + sign AI4 software-configurable current: 0...20 mA, impedance: 250 Ohm, sampling time: 4...6 ms, resolution: 11 bits AI4 software-configurable voltage: 0...10 V DC, 24 V max, impedance: 30000 Ohm, sampling time: 4...6 ms, resolution: 11 bits
Analogue output number	2
Analogue output type	AO2 software-configurable current: 0...20 mA, impedance: 500 Ohm, sampling time: 4...6 ms, resolution: 10 bits AO2 software-configurable voltage: +/- 10 V DC, impedance: 470 Ohm, sampling time: 4...6 ms, resolution: 10 bits AO3 software-configurable current: 0...20 mA, impedance: 500 Ohm, sampling time: 4...6 ms, resolution: 10 bits AO3 software-configurable voltage: +/- 10 V DC, impedance: 470 Ohm, sampling time: 4...6 ms, resolution: 10 bits
Discrete output number	5
Discrete output type	(LO3, LO4) assignable logic, sampling time: 4...6 ms, compatible with level 1 PLC (R4A, R4B, R4C) configurable relay logic
Discrete output logic	(LO3, LO4) negative (LO3, LO4) positive
Discrete input number	6
Discrete input type	(RP) frequency control, sampling time: 4...6 ms (LI11...LI14) programmable, compatible with level 1 PLC, impedance: 3.5 kOhm, sampling time: 4...6 ms
Discrete input logic	Negative (LI11...LI14), >= 16 V (state 0), <= 10 V (state 1) Positive (LI11...LI14), <= 5 V (state 0), >= 11 V (state 1) Positive (RP), < 1.2 V (state 0), >= 3.5 V (state 1)

Complementary

Electrical durability	100000 cycles for configurable relay logic
Discrete output voltage	24 V DC (voltage limits: <= 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 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 Configurable relay logic 1.5 A at 250 V AC on inductive load, cos phi = 0.4 and L/R = 7 ms Configurable relay logic 1.5 A at 30 V DC on inductive load, cos phi = 0.4 and L/R = 7 ms
PTC probe input	TH2+, TH2- trip resistance, impedance: 3 kOhm TH2+, TH2- reset resistance, impedance: 1.8 Ohm TH2+, TH2- short circuit protection, impedance: < 0.05 Ohm TH2+, TH2- for 6 PTC probe, impedance: <= 1.5 Ohm
Discrete input voltage	24 V DC (voltage limits: <= 30 V) for programmable
Discrete input frequency	0...30 kHz frequency control
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
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	17.0 cm
Package 1 Length	23.5 cm
Package 1 Weight	409.0 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