

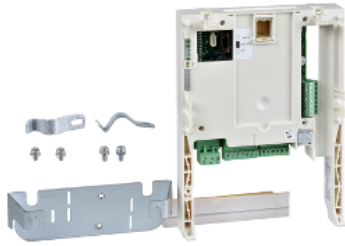
Product data sheet

Specifications



extended I/O card, Altivar

VW3A3202



Main

Product or component type	Extended I/O card
Range compatibility	Altivar 61Q Altivar Lift Altivar 71Q Altivar 71 Altivar 61
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	7.000 cm
Package 1 Width	17.000 cm
Package 1 Length	23.000 cm
Package 1 Weight	382.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.208 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
PVC free	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Recommended replacement(s)