

**Glavno**

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| Product or component type | Extended I/O card                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Range compatibility       | Altivar 61<br>Altivar 71<br>Altivar Lift<br>Altivar 61Q<br>Altivar 71Q                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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<br>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<br>AI4 software-configurable current: 0...20 mA, impedance: 250 Ohm, sampling time: 4...6 ms, resolution: 11 bits<br>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<br>AO3 software-configurable current: 0...20 mA, impedance: 500 Ohm, sampling time: 4...6 ms, resolution: 10 bits<br>AO2 software-configurable voltage: +/- 10 V DC, impedance: 470 Ohm, sampling time: 4...6 ms, resolution: 10 bits<br>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<br>(R4A, R4B, R4C) configurable relay logic                                                                                                                                                                                                                                                                                                                                            |
| Discrete output logic     | (LO3, LO4) negative<br>(LO3, LO4) positive                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Discrete input number     | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Discrete input type       | (RP) frequency control, , sampling time: 4...6 ms<br>(LI11...LI14) programmable, , compatible with level 1 PLC, impedance: 3.5 kOhm, sampling time: 4...6 ms                                                                                                                                                                                                                                                                                                             |
| Discrete input logic      | (LI11...LI14) negative state 0 >= 16 V state 1 <= 10 V<br>(LI11...LI14) positive state 0 <= 5 V state 1 >= 11 V<br>(RP) positive state 0 < 1.2 V state 1 >= 3.5 V                                                                                                                                                                                                                                                                                                        |

**Komplementarno**

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| Electrical durability     | 100000 cycles for configurable relay logic output(s)                                                                                                                                                                                                                                                                                         |
| Discrete output voltage   | 24 V DC (voltage limits: <= 30 V) assignable logic                                                                                                                                                                                                                                                                                           |
| Maximum output current    | 0.2 A, assignable logic                                                                                                                                                                                                                                                                                                                      |
| Minimum switching current | Configurable relay logic 3 mA for 24 V DC                                                                                                                                                                                                                                                                                                    |
| Maximum switching current | Configurable relay logic 5 A at 250 V AC on resistive load, cos phi = 1<br>Configurable relay logic 5 A at 30 V DC on resistive load, cos phi = 1<br>Configurable relay logic 1.5 A at 250 V AC on inductive load, cos phi = 0.4 and L/R = 7 ms<br>Configurable relay logic 1.5 A at 30 V DC on inductive load, cos phi = 0.4 and L/R = 7 ms |

ms

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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PTC probe input          | TH2+, TH2- trip resistance, impedance: 3 kOhm<br>TH2+, TH2- reset resistance, impedance: 1.8 Ohm<br>TH2+, TH2- short circuit protection, impedance: < 0.05 Ohm<br>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 <sup>2</sup> / AWG 16, 0.25 N.m                                                                                                                                                                    |
| Product weight           | 0.3 kg                                                                                                                                                                                                              |

## Okolina

### Contractual warranty

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| Warranty period | 18 months |
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