



Main

Product or component type	Extended I/O card
Range compatibility	Altivar 61 Altivar 71 Altivar Lift Altivar 61Q Altivar 71Q
Supply	Internal supply, 24 V DC (21...27 V) , ≤ 0.2 A for overload and short-circuit protection 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
Analogue input number	2
Analogue input type	AI4 software-configurable voltage : 0...10 V DC, 24 V max, impedance: 30000 Ohm, sampling time: 4...6 ms, resolution: 11 bits AI4 software-configurable current : 0...20 mA, impedance: 250 Ohm, sampling time: 4...6 ms, resolution: 11 bits AI3-/AI3+ differential current programmable : 0...20 mA, impedance: 250 Ohm, sampling time: 4...6 ms, resolution: 11 bits + sign
Analogue output number	2
Analogue output type	AO3 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 AO2 software-configurable voltage : +/- 10 V DC, impedance: 470 Ohm, sampling time: 4...6 ms, resolution: 10 bits AO2 software-configurable current : 0...20 mA, impedance: 500 Ohm, sampling time: 4...6 ms, resolution: 10 bits
Discrete output number	5
Discrete output type	(R4A, R4B, R4C) configurable relay logic (LO3, LO4) assignable logic, sampling time: 4...6 ms, compatible with level 1 PLC
Discrete output logic	(LO3, LO4) positive (LO3, LO4) negative
Discrete input number	6
Discrete input type	(LI11...LI14) programmable, , compatible with level 1 PLC, impedance: 3.5 kOhm, sampling time: 4...6 ms (RP) frequency control, , sampling time: 4...6 ms
Discrete input logic	(RP) positive state 0 < 1.2 V state 1 ≥ 3.5 V (LI11...LI14) positive state 0 ≤ 5 V state 1 ≥ 11 V (LI11...LI14) negative state 0 ≥ 16 V state 1 ≤ 10 V

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Complementary

Electrical durability	100000 cycles for configurable relay logic output(s)
Discrete output voltage	24 V DC (voltage limits: ≤ 30 V) assignable logic
Output current limits	0.2 A, assignable logic
Minimum switching current	Configurable relay logic 3 mA for 24 V DC
Maximum switching current	Configurable relay logic 1.5 A at 30 V DC on inductive load, $\cos \phi = 0.4$ and $L/R = 7$ ms 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 5 A at 30 V DC on resistive load, $\cos \phi = 1$ Configurable relay logic 5 A at 250 V AC on resistive load, $\cos \phi = 1$
PTC probe input	TH2+, TH2- for 6 PTC probe, impedance: ≤ 1.5 Ohm TH2+, TH2- short circuit protection, impedance: < 0.05 Ohm TH2+, TH2- reset resistance, impedance: 1.8 Ohm TH2+, TH2- trip resistance, impedance: 3 kOhm
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
Product weight	0.3 kg