

ATV cabinets



Main

Product or component type	Logic I/O card
Range compatibility	Altivar 61 Plus Altivar 71 Plus
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
Discrete output number	5
Discrete output type	(LO1, LO2) assignable logic, sampling time: 1.5...2.5 ms, compatible with level 1 PLC (R3A, R3B, R3C) configurable relay logic
Discrete output logic	(LO1, LO2) positive (LO1, LO2) negative
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	(LI7...LI10) positive state 0 ≤ 5 V state 1 ≥ 11 V (LI7...LI10) negative state 0 ≥ 16 V state 1 ≤ 10 V

Complementary

Electrical durability	100000 cycles for configurable relay logicoutput(s)
Discrete output voltage	24 V DC (voltage limits:12...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 5 A at 30 V DC on resistive load ($\cos \phi = 1$) Configurable relay logic 5 A at 250 V AC on resistive load ($\cos \phi = 1$) Configurable relay logic 2 A at 30 V DC on inductive load ($\cos \phi = 0.4$ and L/R = 7 ms) Configurable relay logic 2 A at 250 V AC on inductive load ($\cos \phi = 0.4$ and L/R = 7 ms)
PTC probe input	TH1+, TH1- for 6 PTC probe, impedance: ≤ 1.5 Ohm TH1+, TH1- short circuit protection, impedance: < 0.05 Ohm TH1+, TH1- reset resistance, impedance: 1.8 Ohm TH1+, TH1- trip resistance, impedance: 3 kOhm
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
Product weight	0.3 kg