



Product designation

Product type designation

Auxiliary supply voltage

Number of inputs

Number of outputs

Max I/O number

Nr. 6 digital + 2 digital/analog
Nr. 4 relay
12 (8 inputs + 4 outputs) up to 36 with LRE modules

Power supply

Rated auxil. supply voltage	12/24VDC
Operating voltage range	10.0...28.8VDC
Average current consumption	mA 300

Digital inputs

Number of digital input	Nr. 6 + 2 digital/analog
Rated voltage	V 12/24VDC
Input signals	State 0 (OFF) <5VDC State 1 (ON) >10VDC

Response time	0 to 1 (OFF-ON) 5ms (0.5ms for high speed) 1 to 0 (ON-OFF) 3ms (0.3ms for high speed)
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Analog inputs

Number of analog input	Nr. 2 digital/analog
Analog input type	Voltage inputs
Inputs signal range	V 0...10
Resolution	0.01V
Bit of conversion	bit 12

Current consumption at	10VDC	mA	<0.17mA
Input impedance		kΩ	>40
Admissible overload		VDC	28
Maximum cable length		m / ft	≤30m/98ft (shielded wire)

Digital outputs

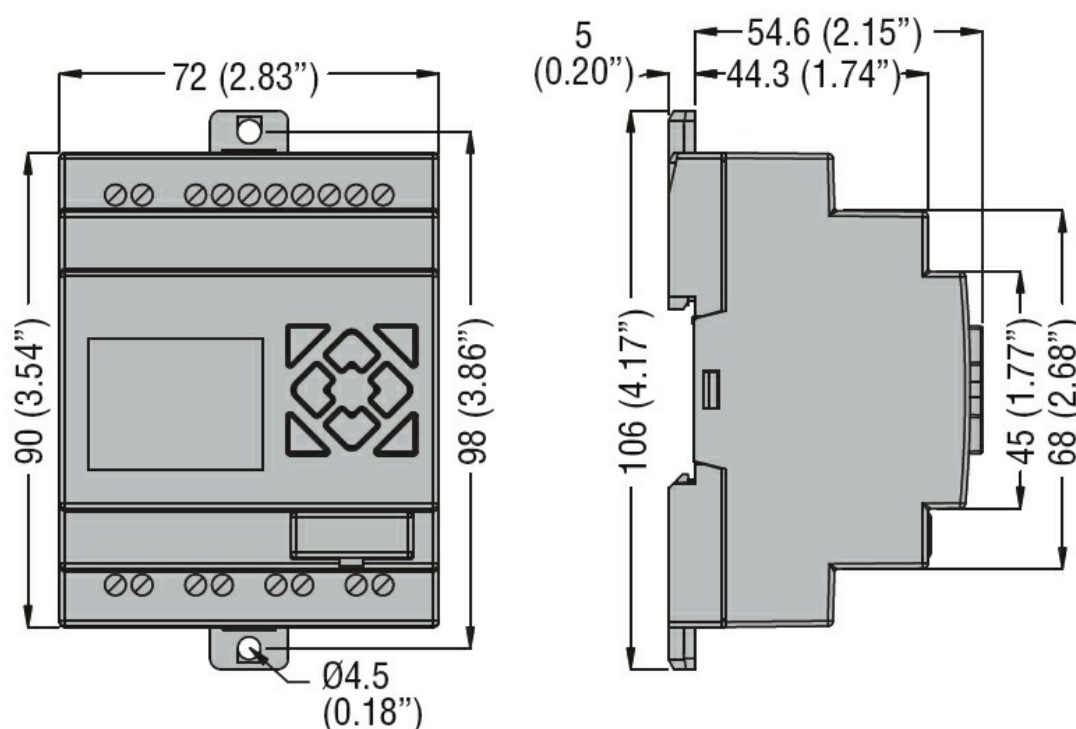
Number of digital output	Nr. 4
type	Relay

System resources

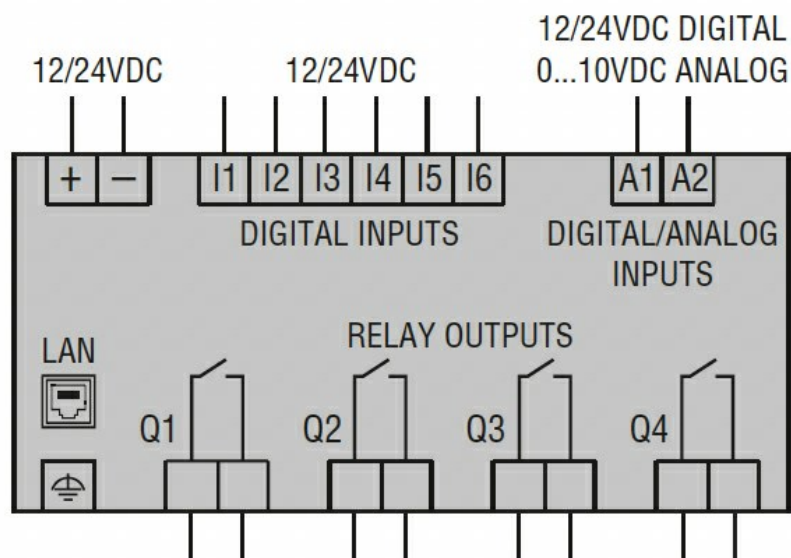
Display	No
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Real Time Clock				Yes
Communications				
Type of communication port				Ethernet
Connections				
Terminals type				Screw
Tightening torque for terminals				
max				Nm 0.8
Conductor section				
AWG/Kcmil				
min				26
max				14
IEC				
min				mm ² 0.14
max				mm ² 2.5
Ambient conditions				
Temperature				
Operating temperature				
min				°C -20
max				°C 50
Storage temperature				
min				°C -40
max				°C +70
Relative humidity				% 20...90% without condensation
Housing				
Mounting				35mm DIN rail or screw fixing (M4x20mm)
Degree of protection				IP20
Dimensions (W x H x D)				mm 72 x 106 x 59.6
Weight				g 240

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 No. 61010-1

CSA C22.2 No. 61010-2-201:18

IEC/EN/BS 61131-2

UL 61010-1

UL 61010-2-201

Certificates

cULus

ETIM classification

ETIM 8.0

EC001417 -
Logic module