



Power supply			
Rated auxil. supply voltage			24VDC
Operating voltage range			20.4...28.8VDC
Average current consumption	mA		125
Power consumption Max	W		4.5
Digital inputs			
Number of digital input	Nr.		6 + 2 digital/analog
Rated voltage	V		24VDC
Input signals	State 0 (OFF)		<5VDC
	State 1 (ON)		>15VDC
Response time	0 to 1 (OFF-ON)		4ms (0.5ms for high speed)
	1 to 0 (ON-OFF)		4ms (0.3ms for high speed)
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		10
Current consumption at	10VDC	mA	<0.17mA
		kΩ	>40
Input impedance		VDC	28
Admissible overload		ms	5...20ms(LADDER), 2...10ms (FBD)
Sampling time		m / ft	≤30m/98ft (shielded wire)
Maximum cable lenght			
Digital outputs			
Number of digital output	Nr.		4
type			Transistor
System resources			
Display			LCD display, 4 lines x 16 characters
Connections			
Terminals type			Screw
Tightening torque for terminals	max	Nm	0.6
	Max	lbft	0.4
Conductor section	AWG/Kcmil		
		min	26

IEC	max		14
	min	mm ²	0.14
	max	mm ²	2.5

Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+55

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

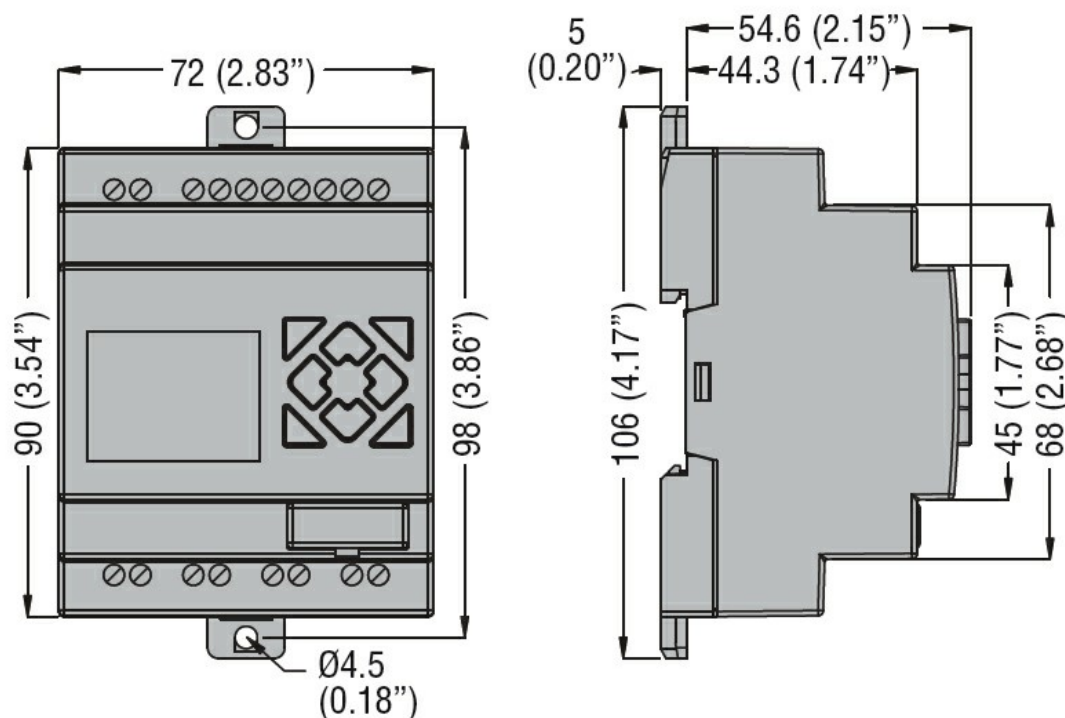
Dimensions (W x H x D)

mm 72 x 106 x 59.6

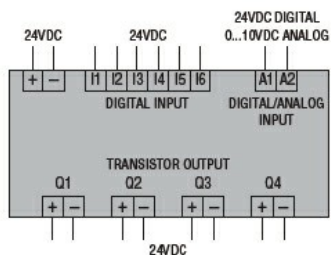
Weight

g 220

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 142

IEC/EN 61131-2

UL508

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001417 -
Logic module