



Power supply			
Rated auxil. supply voltage			12/24VDC
Operating voltage range			10.0...28.8VDC
Average current consumption	mA		400
Digital inputs			
Number of digital input	Nr.		8 + 4 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)
Analog inputs			
Number of analog input	Nr.		4 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
		kΩ	>40
Input impedance		kΩ	>40
Admissible overload		VDC	28
Maximum cable lenght		m / ft	≤30m/98ft (shielded wire)
Digital outputs			
Number of digital output	Nr.		8
type			Relay
System resources			
Display			LCD display, 4 lines x 16 characters
Real Time Clock			Yes
Communications			
Type of communication port			Ethernet + RS485
Connections			
Terminals type			Screw
Tightening torque for terminals	max	Nm	0.8
	min		26
Conductor section	AWG/Kcmil		

IEC	max		14
	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
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Housing

Mounting

35mm DIN rail or
screw fixing
(M4x20mm)

Degree of protection

IP20

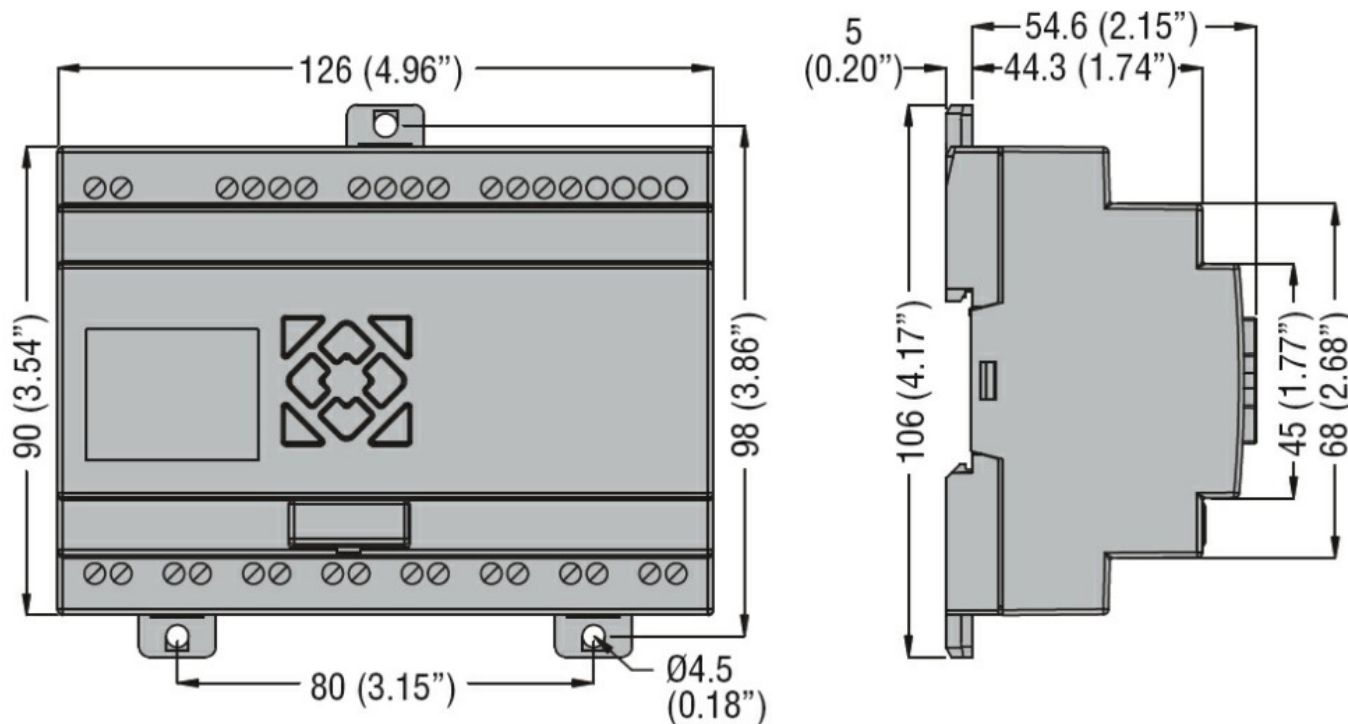
Dimensions (W x H x D)

mm 126 x 106 x 59.6

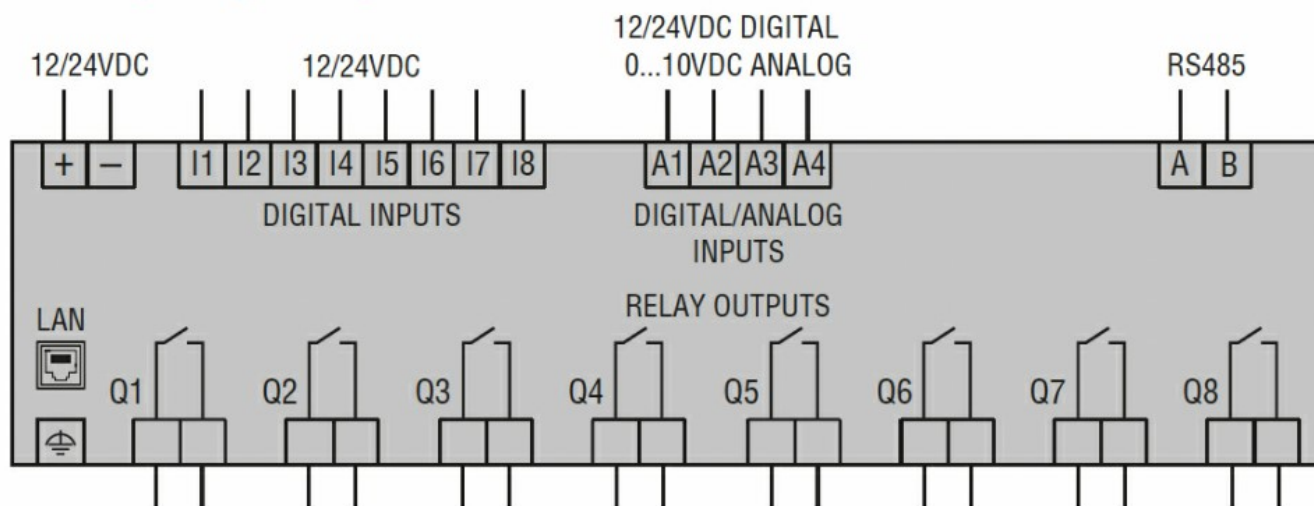
Weight

g 340

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