LRD20RA240

MICRO PLCS, BASE MODULE, AUXILIARY SUPPLY VOLTAGE 100-240VAC, 12/8 RELAY



Product designation			Micro PLC - Base module
Product type designation			LRD20RA240
Auxiliary supply voltage			100…240VAC
Number of inputs		Nr.	12 digital
Number of outputs		Nr.	8 relay
Max I/O number			20 (12 inputs + 8 outputs) up to 44 with LRE modules
Power supply			
Rated auxil. supply voltage			100…240VAC
Operating voltage range			85…265VAC
Operating frequency range		Hz	47…63
Avarage current consumption		mA	100
Power consumption Max		W	7.5
Digital inputs			
Number of digital input		Nr.	12
Rated voltage		V	100-240VAC (50/60Hz)
Input signals			
	State 0 (OFF)		<40VAC
	State 1 (ON)		>79VAC
Response time			
	0 to 1 (OFF-ON)		50/45ms (Ue=120VAC); 22/18ms (Ue=240VAC)
	1 to 0 (ON-OFF)		50/45ms (Ue= 120VAC); 90/85ms (Ue= 240VAC)
Digital outputs			
Number of digital output		Nr.	8
type			Relay
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		

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		min		26
		max		14
	IEC			
		min	mm²	0.14
		max	mm²	2.5

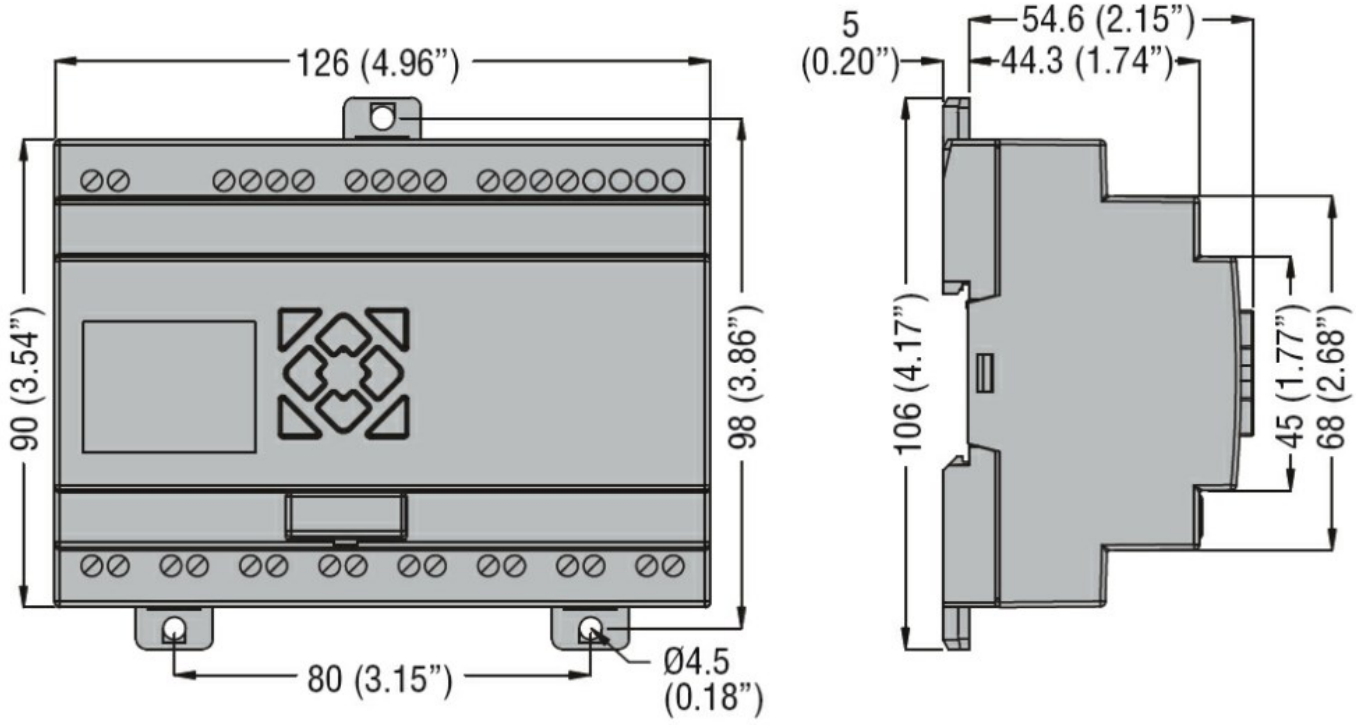
Ambient conditions

Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Relative humidity			%	20...90% without condensation

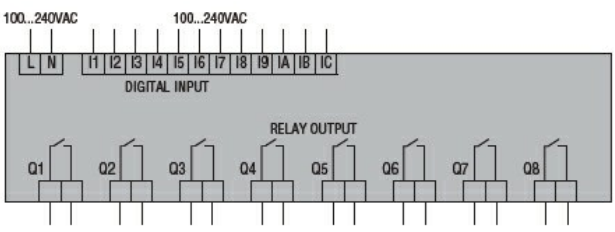
Housing

Mounting				35mm DIN rail or screw fixing (M4x20mm)
Degree of protection				IP20
Dimensions (W x H x D)			mm	126 x 106 x 59.6
Weight			g	367

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

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	CSA C22.2 n° 142
	IEC/EN 61131-2
	UL508
Certificates	
	cULus
	EAC

ETIM classification

ETIM 8.0	EC001417 - Logic module

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