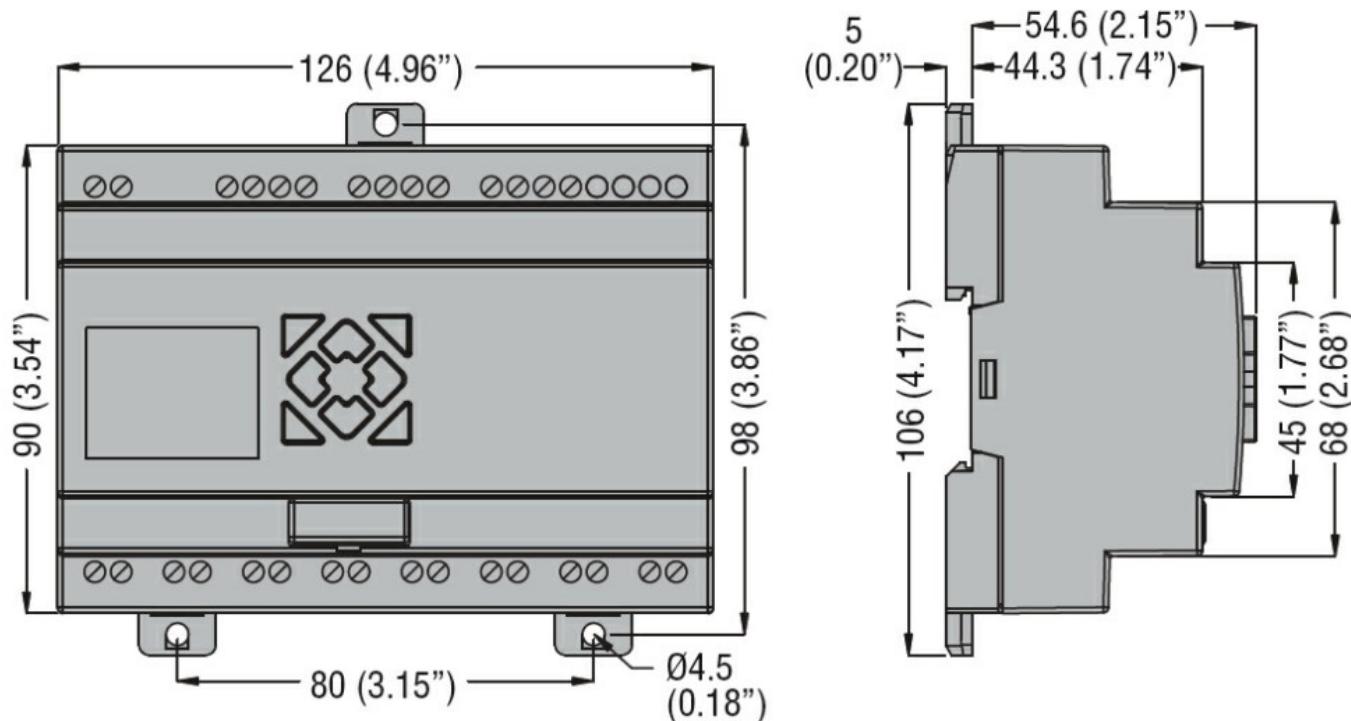


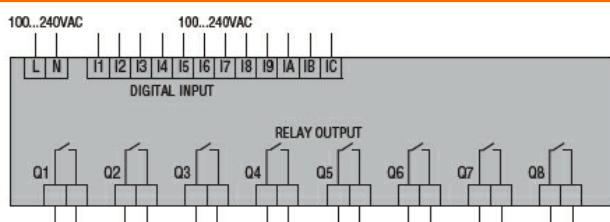


Product designation	Micro PLC - Base module				
Product type designation	LRD20RA240				
Auxiliary supply voltage	100...240VAC				
Number of inputs	Nr. 12 digital				
Number of outputs	Nr. 8 relay				
Max I/O number	20 (12 inputs + 8 outputs) up to 44 with LRE modules				
<b>Power supply</b>					
Rated auxil. supply voltage	100...240VAC				
Operating voltage range	85...265VAC				
Operating frequency range	Hz 47...63				
Average current consumption	mA 100				
Power consumption Max	W 7.5				
<b>Digital inputs</b>					
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)			
<b>Digital outputs</b>					
Number of digital output	Nr. 8				
type	Relay				
<b>System resources</b>					
Display	LCD display, 4 lines x 16 characters				
<b>Connections</b>					
Terminals type	Screw				
Tightening torque for terminals	max	Nm	0.6		
	Max	lbft	0.4		
Conductor section	AWG/Kcmil				

	min	26
	max	14
IEC		
	min	mm <sup>2</sup> 0.14
	max	mm <sup>2</sup> 2.5
<b>Ambient conditions</b>		
Temperature		
Operating temperature	min	°C -20
	max	°C +55
Storage temperature	min	°C -40
	max	°C +70
Relative humidity	%	20...90% without condensation
<b>Housing</b>		
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
<b>Dimensions</b>		



**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**