



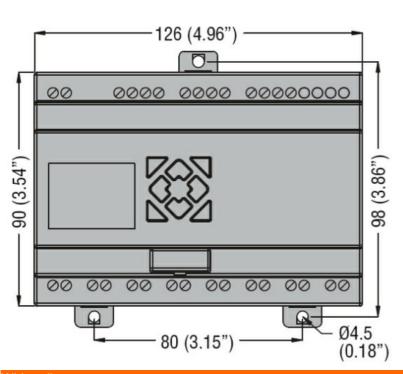
Power supply Rated auxil. supply voltage	Product designation Product type designation Auxiliary supply voltage Number of inputs Number of outputs Max I/O number		Nr. Nr.	Micro PLC - Base module LRD20RA240 100240VAC 12 digital 8 relay 20 (12 inputs + 8 outputs) up to 44 with LRE modules
Operating voltage range 85265VAC Operating frequency range Hz 4763 Avarage current consumption mA 100 Power consumption Max W 7.5 Digital inputs Nr. 12 Rated voltage V 100-240VAC (50/60Hz) Input signals State 0 (OFF) State 1 (ON) >79VAC Response time 50/45ms (Ue=220VAC) (22/18ms (Ue=240VAC) 50/45ms (Ue=2240VAC) 50/45ms (Ue=240VAC) 50/45ms (Ue=240	Power supply			
Operating frequency range Hz 4763 Avarage current consumption mA 100 Power consumption Max W 7.5 Digital inputs Nr. 12 Number of digital input Nr. 12 Rated voltage V 100-240VAC (50/60Hz) Input signals State 0 (OFF) State 1 (ON) >79VAC Response time 50/45ms (Ue=240VAC); 22/18ms (Ue=240VAC); 22/18ms (Ue=240VAC); 50/45ms (Ue=120VAC); 90/85ms (Ue=240VAC) 120VAC); 90/85ms (Ue=240VAC) Digital outputs Nr. 8 Number of digital output Nr. 8 type Relay System resources LCD display, 4 lines x 16 characters Connections Terminals type Screw Terminals type Screw Tightening torque for terminals max Nm 0.6	Rated auxil. supply voltage			100240VAC
Avarage current consumption	Operating voltage range			85265VAC
Power consumption Max	Operating frequency range		Hz	4763
Number of digital input Nr. 12 Rated voltage V 100-240VAC (50/60Hz) Input signals State 0 (OFF) < 40VAC (50/60Hz) Response time State 1 (ON) > 79VAC Response time State 1 (OFF-ON) (Ue=120VAC); (Ue=120VAC); (Ue=240VAC)	·			
Number of digital input Nr. 12 Rated voltage v 100-240VAC (50/60Hz) Input signals State 0 (OFF) State 1 (ON) <40VAC	•		W	7.5
Rated voltage V 100-240VAC (50/60Hz) Input signals State 0 (OFF) State 1 (ON) <40VAC				
Rated Voltage V	Number of digital input		Nr.	
State 0 (OFF) <40VAC 579VAC	Rated voltage		V	
State 1 (ON) >79VAC	Input signals			<u> </u>
Response time	:	State 0 (OFF)		<40VAC
1 to 0 (ON-OFF) 50/45ms (Ue=120VAC); 22/18ms (Ue=240VAC) 50/45ms (Ue=240VAC); 90/85ms (Ue=240VAC) 90/8		State 1 (ON)		>79VAC
Number of digital output type Relay System resources LCD display, 4 lines x 16 characters Connections Terminals type Tightening torque for terminals max Nm 0.6	0 to	, , ,		(Ue=120VAC); 22/18ms (Ue=240VAC) 50/45ms (Ue= 120VAC); 90/85ms (Ue=
type System resources LCD display, 4 lines x 16 characters Connections Terminals type Tightening torque for terminals max Nm 0.6			Nir	Q.
System resources LCD display, 4 lines x 16 characters Connections Terminals type Tightening torque for terminals max Nm 0.6			1 11.	
Display Connections Terminals type Tightening torque for terminals max Nm 0.6				. 10103
Terminals type Tightening torque for terminals max Nm 0.6	Display			lines x 16
Tightening torque for terminals max Nm 0.6				0
max Nm 0.6				Screw
Conductor section		max Max	Nm Ibft	0.6 0.4

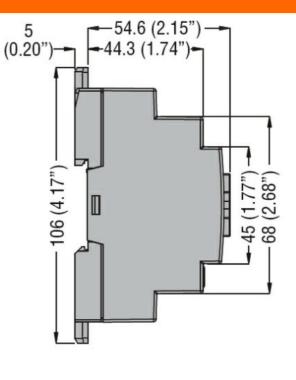
AWG/Kcmil



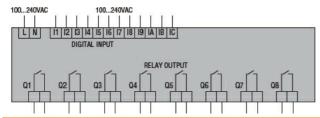
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		min		26
		max		14
	IEC			
		min	mm²	0.14
		max	mm²	2.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Relative humidity			%	2090% without
			70	condensation
Housing				
				35mm DIN rail or
Mounting				screw fixing
				(M4x20mm)
Degree of protection				IP20
Dimensions (W x H x I	D)		mm	126 x 106 x 59.6
Weight			g	367
Dimensions				





Wiring diagrams



Certifications and compliance

Compliance



ENERGY AND AUTOMATION

LRD20RA240

MICRO PLC, MODULES DE BASE, 240VAC 12/8 À RELAIS

	CSA C22.2 n° 142	
	IEC/EN 61131-2	
	UL508	
Certificates		
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC001417 - Logic module