



Product designation Product type designation Auxiliary supply voltage Number of inputs Number of outputs Max I/O number		Nr. Nr.	Micro PLC - Base module LRD10RA240 100240VAC 6 digital 4 relay 10 (6 inputs + 4 outputs) up to 34 with LRE modules
Power supply			
Rated auxil. supply voltage			100240VAC
Operating voltage range			85265VAC
Rated frequency		Hz	50/60
Operating frequency range		Hz	4763
Avarage current consumption		mA	100
Power consumption Max		W	7.5
Digital inputs			
Number of digital input		Nr.	6
Rated voltage		V	100-240VAC (50/60Hz)
Input signals			
	State 0 (OFF)		<40VAC
	State 1 (ON)		>79VAC
Response time	0 to 1 (OFF-ON) 1 to 0 (ON-OFF)		50/45ms (Ue=120VAC); 22/18ms (Ue=240VAC) 50/45ms (Ue= 120VAC); 90/85ms (Ue= 240VAC)
Digital outputs			
Number of digital output		Nr.	4
type			Relay
System resources			
Display			LCD display, 4 lines x 16 characters
Connections			
Terminals type			Screw
Tightening torque for terminals	max Max	Nm Ibft	0.6 0.4
Orandustan anatian	Max	1.510	

Conductor section

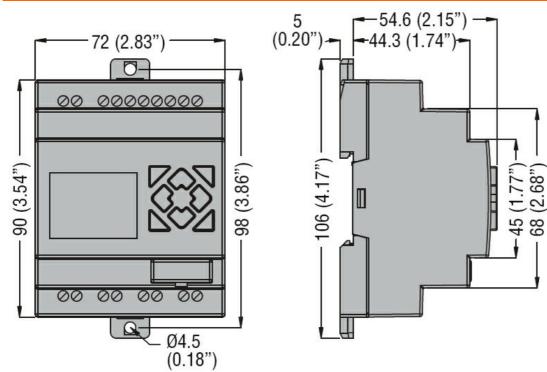


LRD10RA240 MICRO PLCS, BASE MODULE, AUXILIARY SUPPLY VOLTAGE 100-240VAC, 6/4 RELAY

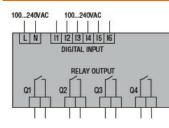
	AWG/Kcmil			
		min		26
		max		14
	IEC			
		min	mm²	0.14
		max	mm²	2.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Relative humidity			%	2090% without condensation
Housing				
Mounting				35mm DIN rail or screw fixing (M4x20mm)
Degree of protection				IP20
Dimensions (W x H x I	)		mm	72 x 106 x 59.6

## Weight

Dimensions



## Wiring diagrams



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Certifications and compliance
Compliance
CSA C22.2 n° 142
IEC/EN 61131-2
UL508
Certificates
Certificates
CULus
EAC
ETIM classification
ETIM 8.0
EC001417 Logic module