

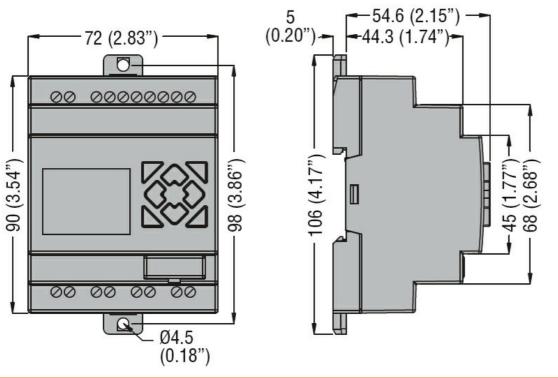


			100
Product designation Product type designation Auxiliary supply voltage Number of inputs Number of outputs Max I/O number		Nr. Nr.	Micro PLC - Base module LRD10RA240 100240VAC 6 digital 4 relay 10 (6 inputs + 4 outputs) up to 34 with LRE modules
Power supply			
Rated auxil. supply voltage			100240VAC
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  Digital outputs	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)
Number of digital output		Nr.	4
type		1 1111	Relay
System resources			. 10.6.,
Display			LCD display, 4 lines x 16 characters
Connections			
Terminals type			Screw
Tightening torque for terminals			0.0
	max	Nm	0.6
O I	Max	lbft	0.4
Conductor section			



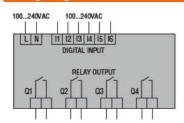
## MICRO PLCS, BASE MODULE, AUXILIARY SUPPLY VOLTAGE 100-240VAC, 6/4 RELAY

Min   26   max		AWG/Kcmil			
IEC			min		26
Ambient conditions         min max mm² mm² mm² 2.5           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 D)         mm 72 x 106 x 59.6			max		14
Max   mm²   2.5		IEC			
Ambient conditions   Temperature   Operating temperature			min	mm²	0.14
Temperature   Operating temperature   min			max	mm²	2.5
Operating temperature           min max         °C max         -20 max           Storage temperature         min max         °C max         -40 max           Relative humidity         %         2090% without condensation           Housing         35mm DIN rail or screw fixing (M4x20mm)           Degree of protection         IP20           Dimensions (W x H x D)         mm         72 x 106 x 59.6	Ambient conditions				
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 D)         mm 72 x 106 x 59.6	Temperature				
Max °C +55		Operating temperature			
Storage temperature  min °C -40 max °C +70  Relative humidity  Housing  Mounting  Mounting  Degree of protection  Dimensions (W x H x D)  min °C -40 max °C +70  % 2090% without condensation  Some DIN rail or screw fixing (M4x20mm)  IP20  mm 72 x 106 x 59.6			min	°C	-20
min max         °C max         -40 max           Relative humidity         %         2090% without condensation           Housing           Mounting         35mm DIN rail or screw fixing (M4x20mm)           Degree of protection         IP20           Dimensions (W x H x D)         mm         72 x 106 x 59.6			max	°C	+55
max         °C         +70           Relative humidity         %         2090% without condensation           Housing         35mm DIN rail or screw fixing (M4x20mm)           Degree of protection         IP20           Dimensions (W x H x D)         mm         72 x 106 x 59.6		Storage temperature			
Relative humidity         %         2090% without condensation           Housing         35mm DIN rail or screw fixing (M4x20mm)           Degree of protection         IP20           Dimensions (W x H x D)         mm         72 x 106 x 59.6			min	°C	-40
Housing   Some DIN rail or Some Six of Six			max	°C	+70
Mounting         35mm DIN rail or screw fixing (M4x20mm)           Degree of protection         IP20           Dimensions (W x H x D)         mm 72 x 106 x 59.6	Relative humidity			%	
Mounting         screw fixing (M4x20mm)           Degree of protection         IP20           Dimensions (W x H x D)         mm 72 x 106 x 59.6	Housing				
Dimensions (W x H x D) mm 72 x 106 x 59.6	Mounting				screw fixing
	Degree of protection				IP20
Weight q 242	Dimensions (W x H x	D)		mm	72 x 106 x 59.6
	Weight			g	242



## Wiring diagrams

Dimensions [mm (in)]







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

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			