



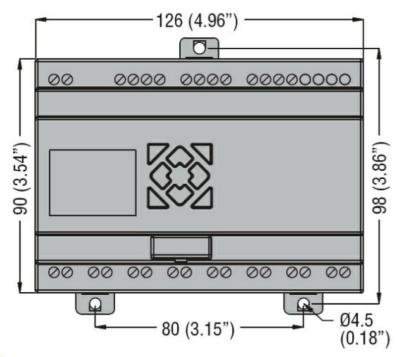
Product designation Product type designation Auxiliary supply voltage Number of inputs Number of outputs Max I/O number		Nr. Nr.	Micro PLC - Base module LRD20RA024 24VAC 12 digital 8 relay 20 (12 inputs + 8 outputs) up to 44 with LRE modules
Power supply			
Rated auxil. supply voltage			24VAC
Operating voltage range			20.428.8VAC
Rated frequency		Hz	50/60
Operating frequency range		Hz	4763
Avarage current consumption		mA	290
Power consumption Max		W	7
Digital inputs			
Number of digital input		Nr.	12
Rated voltage		V	24VAC (50/60Hz)
Input signals			
	(OFF)		<6VAC
	1 (ON)		>14VAC
Response time			
0 to 1 (Ol	,		90ms
1 to 0 (Ol	N-OFF)		90ms
Digital outputs			•
Number of digital output		Nr.	8
type			Relay
System resources			LOD diambas 4
Dienlov			LCD display, 4 lines x 16
Display			characters
Connections			onaraotoro
Terminals type			Screw
Tightening torque for terminals			
rigitorining to iquo for torrimidio	max	Nm	0.6
	Max	lbft	0.4
Conductor section	max	1011	
AWG/Kcmil			
/ WY O/T COTTIL	min		26
	max		14
IEC	····		· ·
	min	mm²	0.14
	max	mm²	2.5
Ambient conditions			

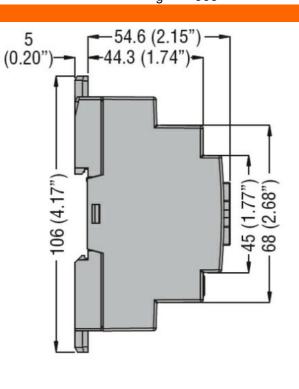


Temperature

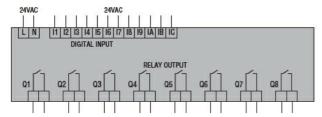
Operating temperature			
	min	°C	-20
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Relative humidity		%	2090% without condensation
Housing			
Mounting			35mm DIN rail or screw fixing (M4x20mm)
Degree of protection			IP20
Dimensions (W x H x D)		mm	126 x 106 x 59.6
Weight		a	368

Dimensions





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 142

IEC/EN 61131-2 UL508

Certificates

cULus

EAC





MICRO PLCS, BASE MODULE, AUXILIARY SUPPLY VOLTAGE 24VAC, 12/8 RELAY

ETIM classification

LRD20RA024

ETIM 8.0 EC001417 - Logic module