



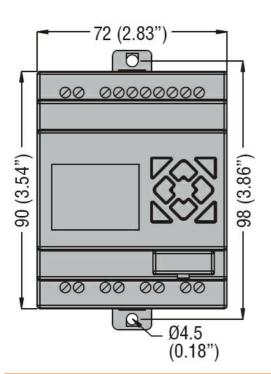
Product designation Product type designation Auxiliary supply voltage Number of inputs Number of outputs Max I/O number		Nr. Nr.	Micro PLC - Base module LRD12RA024 24VAC 8 digital 4 relay 12 (8 inputs + 4 outputs) up to 36 with LRE modules
Power supply			
Rated auxil. supply voltage			24VAC
Operating voltage range			20.428.8VAC
Rated frequency		Hz	50/60
Operating frequency range		Hz	4763
Avarage current consumption		mΑ	290
Power consumption Max		W	7
Digital inputs			
Number of digital input		Nr.	8
Rated voltage		V	24VAC (50/60Hz)
Input signals			
	State 0 (OFF)		<6VAC
	State 1 (ON)		>14VAC
Response time	1. 4 (OFF ON)		00
	to 1 (OFF-ON)		90ms
Digital outputs	to 0 (ON-OFF)		90ms
Number of digital output		Nr.	4
type		INI.	Relay
System resources			Relay
Cystem resources			LCD display, 4
Display			lines x 16
			characters
Connections			
Terminals type			Screw
Tightening torque for terminals			
	max	Nm	0.6
	Max	lbft	0.4
Conductor section			
AWG/Kcmil			22
	min		26
IFO	max		14
IEC	min	mm²	0.14
	min may	mm² mm²	0.14 2.5
Ambient conditions	max	111111	۷.۵
Ambient conditions			

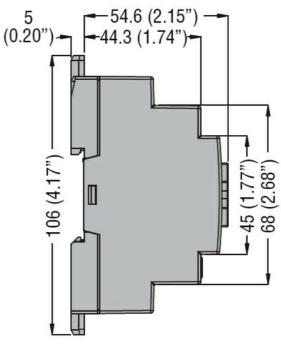


Temperature

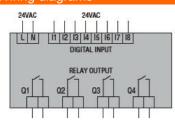
Operating	temperature
Operating	tomporataro

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
Weight		g	250
Dimensions			





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 142

IEC/EN 61131-2

UL508

Certificates

cULus





MICRO PLCS, BASE MODULE, AUXILIARY SUPPLY VOLTAGE 24VAC, 8/4 RELAY

	EAC

ETIM classification

ETIM 8.0 EC001417 - Logic module