LRD12RA024

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



Product designation			Micro PLC - Base module
Product type designation			LRD12RA024
Auxiliary supply voltage			24VAC
Number of inputs		Nr.	8 digital
Number of outputs		Nr.	4 relay
Max I/O number			12 (8 inputs + 4 outputs) up to 36 with LRE modules
Power supply			
Rated auxil. supply voltage			24VAC
Operating voltage range			20.4...28.8VAC
Rated frequency		Hz	50/60
Operating frequency range		Hz	47…63
Avarage current consumption		mA	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			
	0 to 1 (OFF-ON)		90ms
	1 to 0 (ON-OFF)		90ms
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	Nm	0.6
	Max	lbft	0.4
Conductor section			
AWG/Kcmil			
	min		26
	max		14
IEC			
	min	mm²	0.14
	max	mm²	2.5
Ambient conditions			

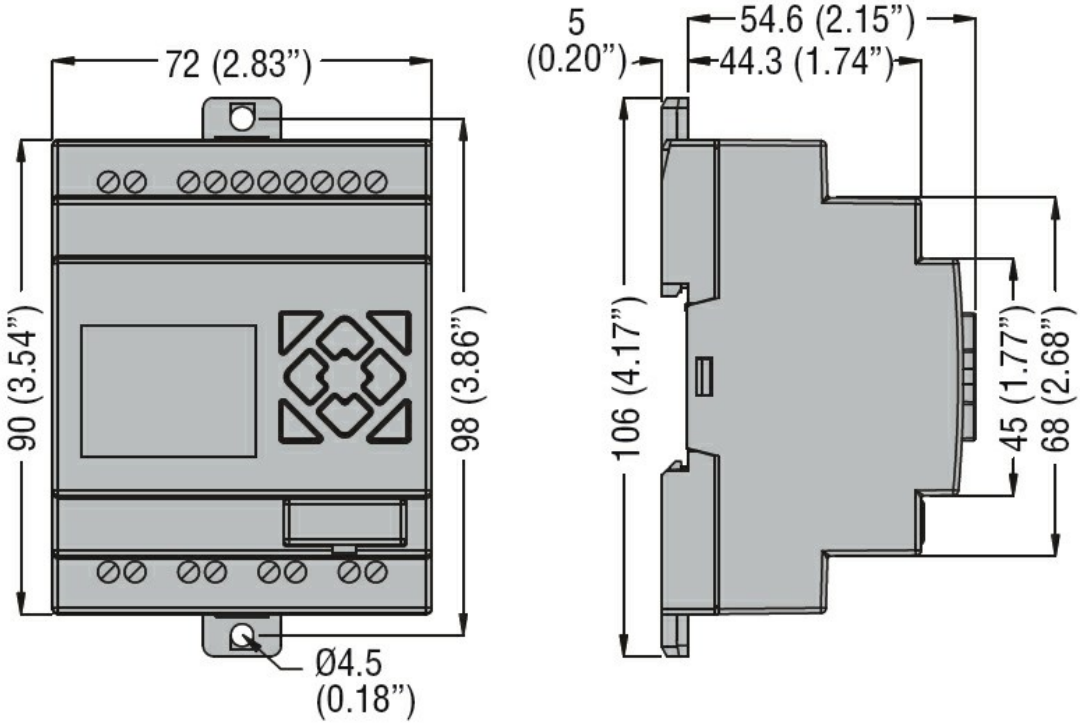
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Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Relative humidity			%	20...90% without condensation

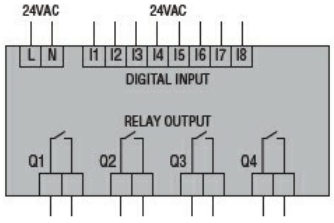
Housing

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	

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EAC

ETIM classification

ETIM 8.0	EC001417 - Logic module

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