



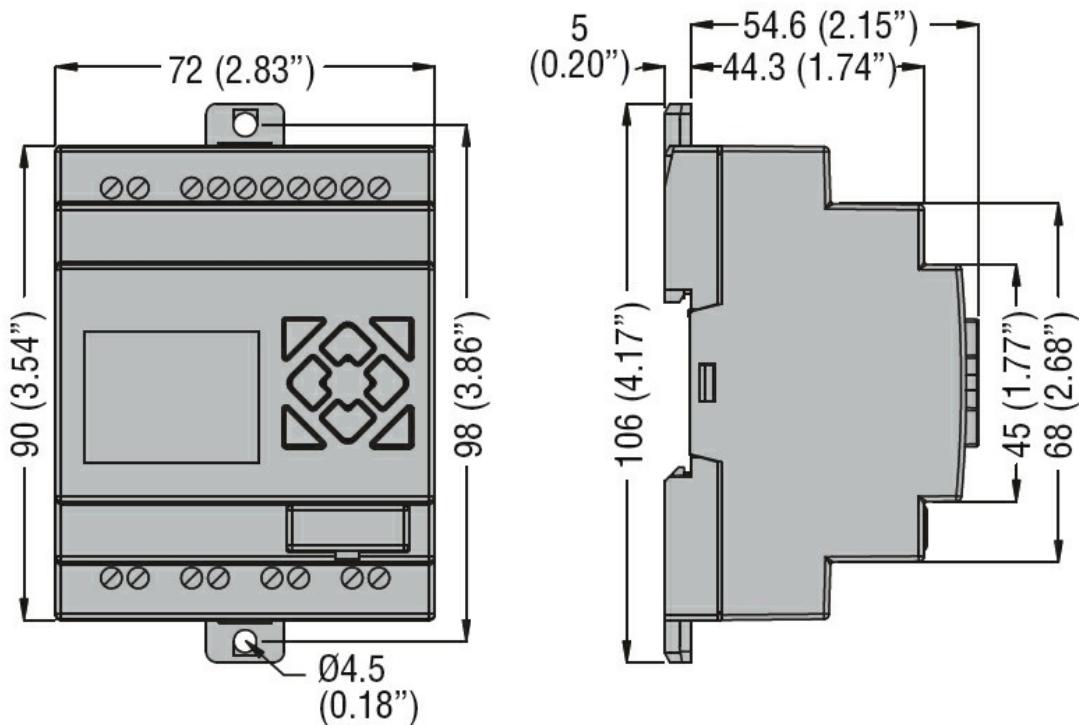
Product designation	Micro PLC - Base module		
Product type designation	LRD12RA024		
Auxiliary supply voltage	24VAC		
Number of inputs	Nr. 8 digital		
Number of outputs	Nr. 4 relay		
Max I/O number	12 (8 inputs + 4 outputs) up to 36 with LRE modules		
Power supply			
Rated auxil. supply voltage	24VAC		
Operating voltage range	20.4...28.8VAC		
Rated frequency	Hz 50/60		
Operating frequency range	Hz 47...63		
Average 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 mm ² 0.14		
	max mm ² 2.5		
Ambient conditions			

Temperature

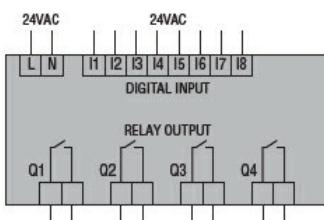
Operating temperature		min	°C	-20
		max	°C	+55
Storage temperature		min	°C	-40
		max	°C	+70
Relative humidity			%	20...90% without condensation

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

EAC

ETIM classification

ETIM 8.0

EC001417 -
Logic module