



Product designation	Micro PLC - Base module				
Product type designation	LRD10RA240				
Auxiliary supply voltage	100...240VAC				
Number of inputs	Nr. 6 digital				
Number of outputs	Nr. 4 relay				
Max I/O number	10 (6 inputs + 4 outputs) up to 34 with LRE modules				
<b>Power supply</b>					
Rated auxil. supply voltage	100...240VAC				
Operating voltage range	85...265VAC				
Rated frequency	Hz	50/60			
Operating frequency range	Hz	47...63			
Average current consumption	mA	100			
Power consumption Max	W	7.5			
<b>Digital inputs</b>					
Number of digital input	Nr.	6			
Rated voltage	V	100-240VAC (50/60Hz)			
Input signals	State 0 (OFF) State 1 (ON)		<40VAC >79VAC		
Response time	50/45ms (Ue=120VAC); 22/18ms (Ue=240VAC) 50/45ms (Ue=120VAC); 90/85ms (Ue=240VAC)				
	0 to 1 (OFF-ON) 1 to 0 (ON-OFF)				
<b>Digital outputs</b>					
Number of digital output	Nr.	4			
type	Relay				
<b>System resources</b>					
Display	LCD display, 4 lines x 16 characters				
<b>Connections</b>					
Terminals type	Screw				
Tightening torque for terminals	max Max	Nm lbft	0.6 0.4		
Conductor section					

AWG/Kcmil

IEC	min	26
	max	14

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

35mm DIN rail or screw fixing (M4x20mm)

Mounting

IP20

Degree of protection

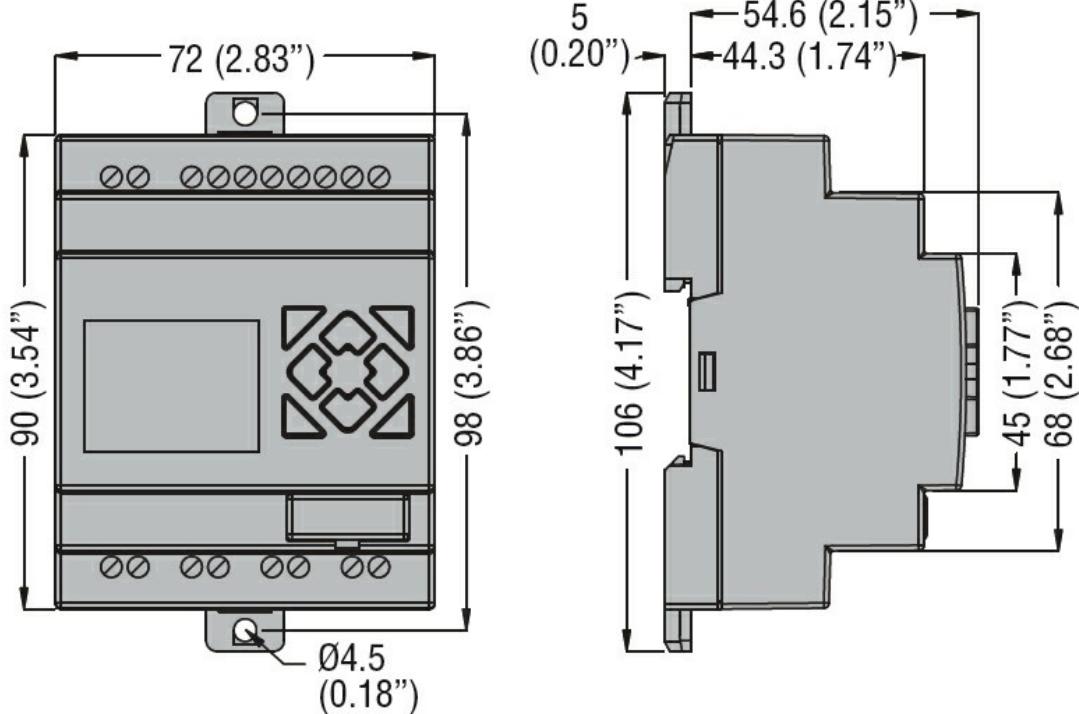
mm 72 x 106 x 59.6

Dimensions (W x H x D)

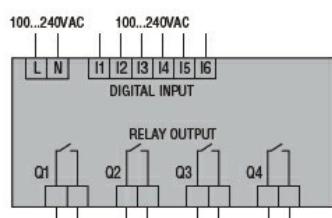
g 242

Weight

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