LRK10RA240

MICRO PLC, BASE MODULE WITH DISPLAY, AUXILIARY SUPPLY VOLTAGE 100…240VAC, 6/4 RELAY, BUILT-IN ETHERNET PORT

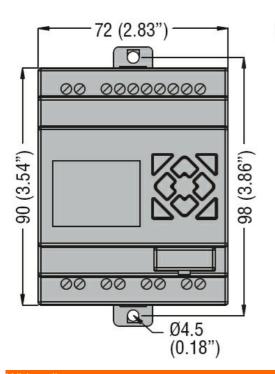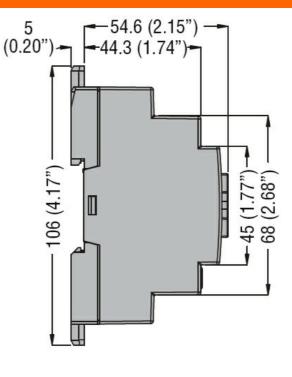|		
Product designation		Micro PLC - Base module with built-in Ethernet port
Product type designation		LRK10RA240
Auxiliary supply voltage		100…240VAC
Number of inputs	Nr.	6 digital
Number of outputs	Nr.	4 relay
Max I/O number		10 (6 inputs + 4 outputs) up to 34 with LRE modules

Power supply		
Rated auxil. supply voltage		100…240VAC
Operating voltage range		85…265VAC
Rated frequency	Hz	50/60
Operating frequency range	Hz	47…63
Avarage current consumption	mA	90

Digital inputs		
Number of digital input	Nr.	6
Rated voltage	V	100-240VAC (50/60Hz)
Input signals		
	State 0 (OFF)	<40VAC
	State 1 (ON)	>79VAC
Response time		
	0 to 1 (OFF-ON)	50/45ms (Ue=120VAC); 22/18ms (Ue=240VAC)
	1 to 0 (ON-OFF)	50/45ms (Ue= 120VAC); 90/85ms (Ue= 240VAC)

Digital outputs		
Number of digital output	Nr.	4
type		Relay

System resources		
Display		LCD display, 4 lines x 16 characters
Real Time Clock		Yes

Communications		
Type of communication port		Ethernet

Connections		
Terminals type		Screw
Tightening torque for terminals		
max	Nm	0.8

Conductor section				
	AWG/Kcmil			
		min		26
		max		14
	IEC			
		min	mm²	0.14
		max	mm²	2.5

Ambient conditions

Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	50
	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	240

Dimensions

Wiring diagrams

Lovato electric
ENERGY AND AUTOMATION

Certifications and compliance

Compliance

IEC/EN/BS 61131-2

ETIM classification

ETIM 8.0

EC001417 - Logic module