



## Product designation

## Product type designation

Auxiliary supply voltage

Number of inputs

Number of outputs

Max I/O number

Starter kit  
complete with  
LRD12RA240  
base module,  
LRXSW software  
and LRXC03  
cable  
LRDKIT10RA240  
100...240VAC  
Nr. 6 digital  
Nr. 4 relay  
10 (6 inputs + 4  
outputs) up to 34  
with LRE  
modules

## Power supply

Rated auxil. supply voltage		100...240VAC
Operating voltage range		85...265VAC
Operating frequency range	Hz	47...63
Average current consumption	mA	100
Power consumption Max	W	7.5

## Digital inputs

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

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

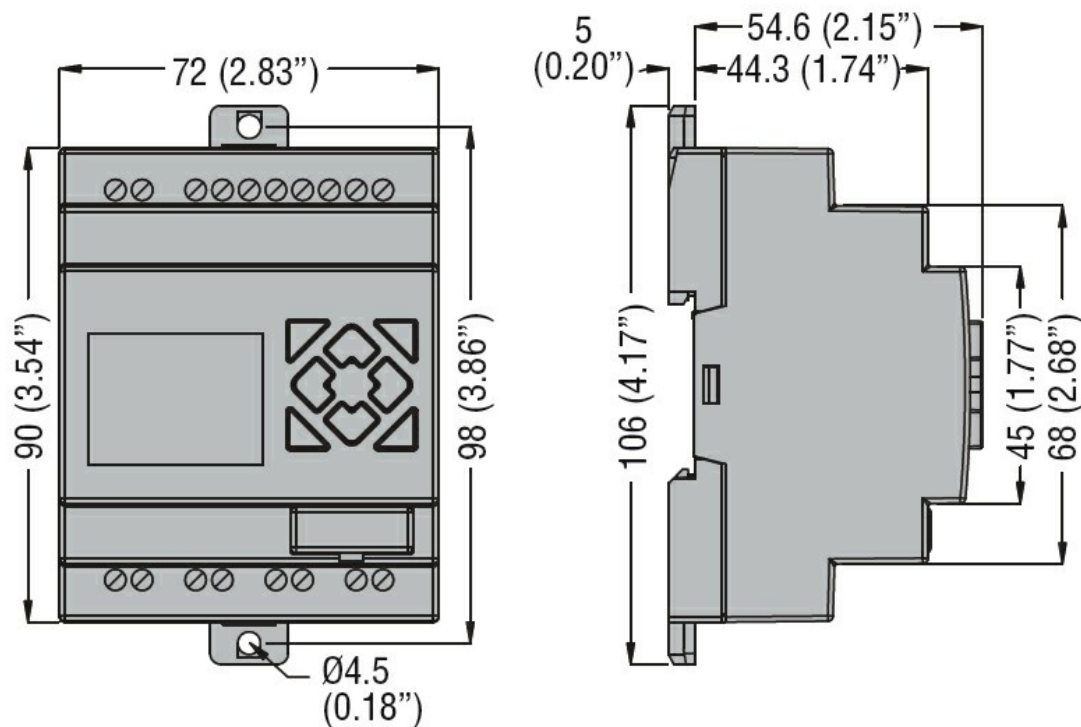
## System resources

Display	LCD display, 4 lines x 16 characters
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## 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 <sup>2</sup>	0.14
		max	mm <sup>2</sup>	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	424
Dimensions				



## Certifications and compliance

### Compliance

CSA C22.2 n° 142

IEC/EN 61131-2

UL508

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Certificates

cULus  
EAC

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ETIM classification

ETIM 8.0

EC002581 - PLC  
device set