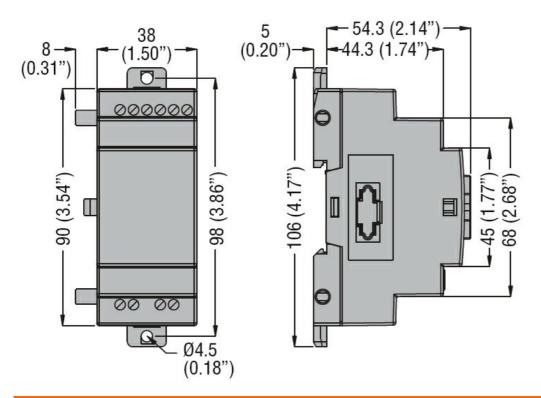


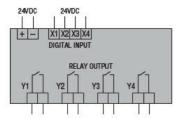


Power supply Rated auxil. supply voltage 24VDC	Product designation Product type designation Auxiliary supply voltage Number of inputs Number of outputs	Nr. Nr.	Micro PLC expansion module, 4 digital inputs + 4 relay outputs LRE08RD024 24VDC 4 digital 4 relay
Operating voltage range 20.428.8VDC Avarage current consumption mA 70 Digital input Nr. 4 4 Rated voltage V 24VDC Input signals State 0 (OFF) State 1 (ON) >15VDC Digital outputs Nr. 4 4 Number of digital output the state 1 (ON) Nr. 4 4 Vege Relay Screw Connections Screw Nr. 4 4 Terminals type Screw Screw Ambient conditions Nr. 4	* * *		
Avarage current consumption			
Digital inputs Number of digital input Nr. 4 Rated voltage V 24VDC Input signals State 0 (OFF) State 1 (ON) <5VDC			
Number of digital input Nr. 4 Rated voltage V 24VDC Input signals State 0 (OFF) State 1 (ON) <5VDC SVDC SVDC State 1 (ON)	•	mA	70
Rated voltage V			
Input signals			
State 0 (OFF) State 1 (ON) >15 VDC	Rated voltage	V	24VDC
State 1 (ON) >15VDC Digital outputs Nr. 4 Number of digital output Nr. 4 type Relay Connections Terminals type Screw Ambient conditions Temperature min °C -20	Input signals		
Digital outputs Number of digital output Nr. 4 type Relay Connections Terminals type Screw Ambient conditions Temperature Min °C -20 max °C +55 Storage temperature min °C -40 max °C +70 Relative humidity % <90% (non condensing) Housing 35mm DIN rail or screw fixing (M4x15mm) Degree of protection IP20 Dimensions (W x H x D) mm 38 x 106 x 59.3 Weight g 171	State 0 (OFF	·)	
Number of digital output Nr. 4 type Relay Connections Connections Terminals type Screw Ambient conditions Temperature min °C -20 max °C +55 Storage temperature min °C -40 max °C +70 Relative humidity % < 90% (non condensing) Housing 35mm DIN rail or screw fixing (M4x15mm) Mounting (M4x15mm) Degree of protection IP20 Dimensions (W x H x D) mm 38 x 106 x 59.3 Weight g 171	State 1 (ON)	>15VDC
type Relay Connections Terminals type Screw Ambient conditions Temperature min °C -20 max °C +55 Storage temperature min °C -40 max °C +70 Relative humidity % 90% (non condensing) Housing Mounting 35mm DIN rail or screw fixing (M4x15mm) Degree of protection IP20 Dimensions (W x H x D) mm 38 x 106 x 59.3 Weight g 171	Digital outputs		
Connections Terminals type Screw Ambient conditions Image: Connection stream or condensing temperature Temperature min °C -20 max °C +55 Storage temperature min °C -40 max °C +70 Relative humidity % <90% (non condensing)	Number of digital output	Nr.	4
Terminals type Screw	type		Relay
Ambient conditions Temperature min °C -20 max °C +55 Storage temperature min °C -40 max °C +70 Relative humidity % < < 90% (non condensing)	Connections		
Temperature	Terminals type		Screw
Operating temperature min or max or max C +55 Storage temperature min or max o	Ambient conditions		
min max °C max -20 max Storage temperature min °C -40 max °C +70 Relative humidity % <90% (non condensing)	Temperature		
max °C +55 Storage temperature min °C -40 max °C +70 Relative humidity % <90% (non condensing)	Operating temperature		
Storage temperature min or condensing -40 max or condensing Relative humidity % <90% (non condensing)	mi mi	n °C	-20
min max °C max -40 max Relative humidity % <90% (non condensing)	ma	x °C	+55
max °C +70 Relative humidity % <90% (non condensing)	Storage temperature		
Relative humidity % <90% (non condensing) Housing 35mm DIN rail or screw fixing (M4x15mm) Degree of protection IP20 Dimensions (W x H x D) mm 38 x 106 x 59.3 Weight g 171	mi mi	n °C	-40
Housing Some DIN rail or Screw fixing (M4x15mm)	ma	x °C	+70
Mounting 35mm DIN rail or screw fixing (M4x15mm) Degree of protection IP20 Dimensions (W x H x D) mm 38 x 106 x 59.3 Weight g 171	Relative humidity	%	,
Mounting screw fixing (M4x15mm) Degree of protection IP20 Dimensions (W x H x D) mm 38 x 106 x 59.3 Weight g 171	Housing		
Dimensions (W x H x D) mm 38 x 106 x 59.3 Weight g 171	Mounting		screw fixing
Weight g 171	Degree of protection		IP20
	Dimensions (W x H x D)	mm	38 x 106 x 59.3
Dimensions		g	171
	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

EC001419 - PLC digital I/O-module