



TRAINING KIT WITH LRD12RD024 MOUNTED IN INPUTS/OUTPUTS SIMULATION BOARD



Product designation Product type designation Auxiliary supply voltage Number of inputs Number of outputs		Nr. Nr.	raining kit with LRD12RD024 mounted on input/output simulation board LRDDEM12RD024 24VDC 6 digital + 2 digital/analog 4 relay
Max I/O number			12 (8 inputs + 4 outputs) up to 36 with LRE modules
Power supply			
Operating voltage range			20.428.8VDC
Avarage current consumption		mA	125
Power consumption Max		W	4.5
Digital inputs			0 0
Number of digital input		Nr.	6 + 2 digital/analog
Rated voltage		V	24VDC
Input signals			
	State 0 (OFF) State 1 (ON)		<5VDC >15VDC
Response time			
	0 to 1 (OFF-ON)		4ms (0.5ms for high speed)
	1 to 0 (ON-OFF)		4ms (0.3ms for high speed)
Analog inputs			
Number of analog input		Nr.	2 digital/analog
Analog input type			Voltage inputs
Inputs signal range		V	010
Resolution			0.01V
Bit of conversion		bit	10
Current consumption at	10VDC	mA	<0.17mA
Input impedance		kΩ	>40
Admissible overload		VDC	28
Sampling time		ms	520ms(LADDER) 210ms (FBD)
Maximum cable lenght		m / ft	≤30m/98ft (shielded wire)
Digital outputs			
Number of digital output		Nr.	4
type			Relay





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Temperature	System resources				
Connections					
Connections Screw Screw Tightening torque for terminals max Nm 0.6 Max Ibft 0.4 Conductor section AWG/Kcmil min 26 min 26 max 14 IEC min °C -20 Ambient conditions Temperature min	Display				
Screw Screw Tightening torque for terminals max Nm 0.6 Max lbf 0.4 Conductor section AWG/Kcmil min 0.26 max 14 EEC min mm 26 max mm 2.5 Ambient conditions Temperature min °C -20 max °C -20 max °C -40 <					characters
Tightening torque for terminals max Nm 0.6 Max 1bft 0.4					
Max Nm 0.6 Max 15ht 0.4					Screw
Max Ibft 0.4	Tightening torque for to	erminals			
AWG/Kcmil					
AWG/Kcmil min 26 max 14 15 15 15 15 15 15 15			Max	lbft	0.4
TEC	Conductor section				
Test		AWG/Kcmil			
IEC			min		
Max			max		14
Max		IEC			
Ambient conditions Temperature			min	mm²	0.14
Temperature			max	mm²	2.5
Operating temperature	Ambient conditions				
Min	Temperature				
Max C +55		Operating temperature			
Storage temperature			min	°C	-20
Min			max	°C	+55
Max		Storage temperature			
Relative humidity % 2090% without condensation Housing 35mm DIN rail or screw fixing (M4x20mm) Degree of protection IP20 Weight g 920 Certifications and compliance CSA C22.2 n° 142 IEC/EN 61131-2 UL508 Certificates CULus EAC ETIM 8.0 EC002581 - PLC			min	°C	-40
Relative numidity % condensation Housing Mounting 35mm DIN rail or screw fixing (M4x20mm) Degree of protection IP20 Weight g 920 Certifications and compliance Compliance CSA C22.2 n° 142 IEC/EN 61131-2 UL508 Certificates CULus EAC ETIM 8.0 EC002581 - PLC			max	°C	+70
Housing Mounting Somm DIN rail or screw fixing (M4x20mm) Degree of protection Degree of protection Weight Gravitications and compliance Compliance CSA C22.2 n° 142 IEC/EN 61131-2 UL508 Certificates CULus EAC ETIM classification EC002581 - PLC	Polativo humidity			0/_	2090% without
Mounting 35mm DIN rail or screw fixing (M4x20mm)				70	condensation
Mounting screw fixing (M4x20mm) Degree of protection IP20 Weight g 920 Certifications and compliance Compliance CSA C22.2 n° 142 IEC/EN 61131-2 UL508 Certificates Cull us EAC ETIM classification	Housing				
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Degree of protection	Mounting				
Section Page 1 Page 2 Page 2					
Certifications and compliance Compliance CSA C22.2 n° 142 IEC/EN 61131-2 UL508 Certificates cULus EAC ETIM classification ETIM 8.0 EC002581 - PLC					
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