

Product designation	Micro PLC expansion module, RS485 Modbus RTU communication port		
Product type designation	LREP00		
Auxiliary supply voltage	24VDC		
Power supply			
Rated auxil. supply voltage	24VDC		
Operating voltage range	20.4...28.8VDC		
Average current consumption	mA	70	
Communications			
Type of communication port	RS485 Modbus-RTU protocol slave communication unit / isolated		
Baud rate	bps	4800...38400bps	
Termination resistance	Integrated 120Ω		
Connections			
Terminals type	Screw		
Tightening torque for terminals	max	Nm	0.6
	Max	lbft	5.4
Conductor section			
	AWG/Kcmil	min	26
		max	16
	IEC	min	mm ² 0.14
		max	mm ² 1.5
Ambient conditions			
Temperature	Operating 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	134	
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

EC001423 - PLC
communication
module