



Micro PLC  
expansion  
module, RS485  
Modbus RTU  
communication  
port  
LREP00  
24VDC

Product designation

Product type designation

Auxiliary supply voltage

#### Power supply

Rated auxil. supply voltage	24VDC
Operating voltage range	20.4...28.8VDC
Average current consumption	mA 70

#### Communications

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 <sup>2</sup>	0.14
max	mm <sup>2</sup>	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)
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#### Housing

Mounting

35mm DIN rail or  
screw fixing  
(M4x15mm)

Degree of protection

IP20

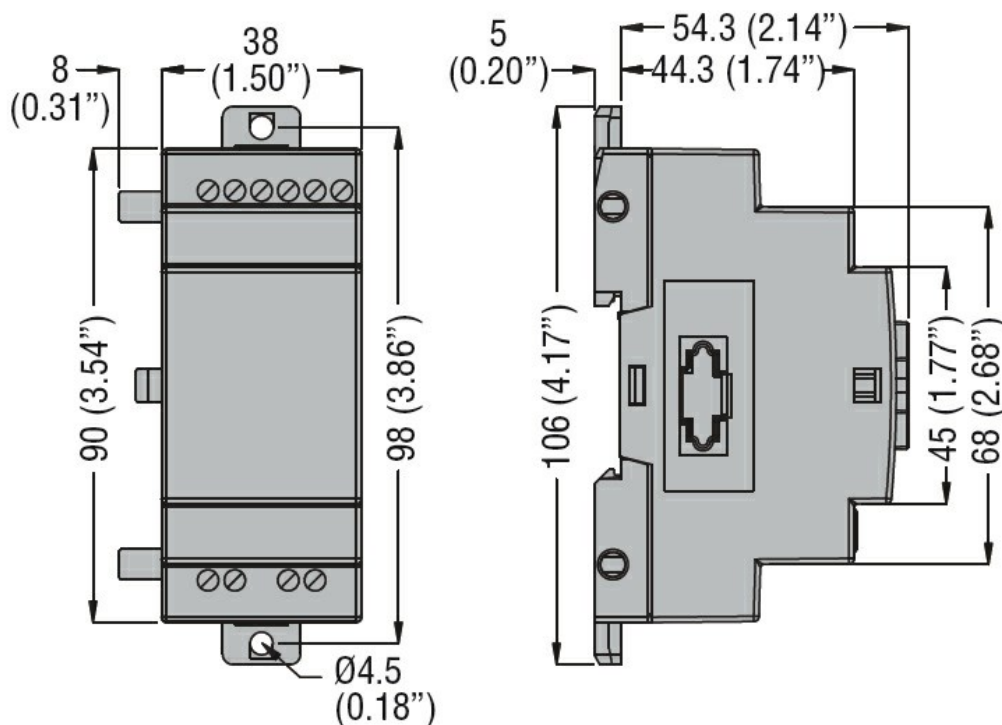
Dimensions (W x H x D)

mm 38 x 106 x 59.3

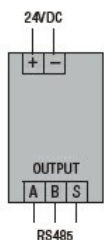
Weight

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