

# Product data sheet

Specifications



## M171 Perf. Plug-in LONWorks

TM171ALON

### Main

Range of product Modicon M171/M172

Product or component type Communication module

Communication port protocol LonWorks

### Complementary

Integrated connection type LON wire crimp - twisted pair

Transmission rate 78 kbit/s

Adjustment Pitch 3.81 mm

Electrical connection removable screw terminal block

Physical interface 90° insertion - 2.5 mm<sup>2</sup> cable

Supply Via base board M171P/M172P

Local signalling 1 LED (red) for service  
1 LED (green) for status

Product compatibility Logic controller M171 performance  
Logic controller M172 performance

Net weight 0.077 kg

### Environment

Product certifications EAC  
CSA  
CE  
cURus

Marking CE

IP degree of protection IP20

Ambient air temperature for operation -10...55 °C

Ambient air temperature for storage -20...85 °C

Relative humidity 10...90 % without condensation

### Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 9.0 cm

Package 1 Width 12.5 cm

Package 1 Length 13.3 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 1 Weight	160.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	4
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	836.0 g



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="#">www.P65Warnings.ca.gov</a>

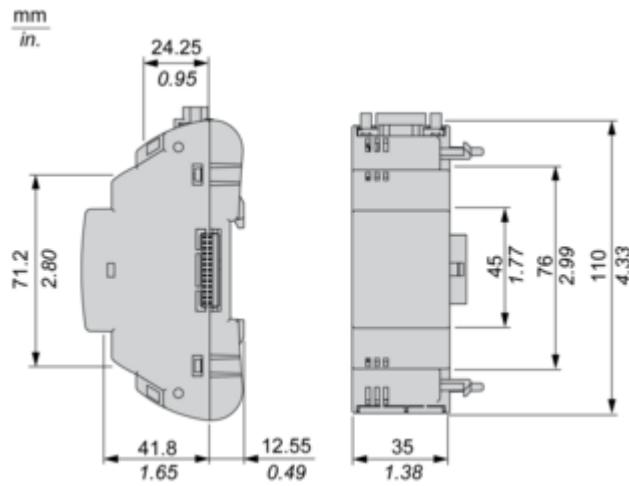
## Use Again

### Repack and remanufacture

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Dimensions Drawings

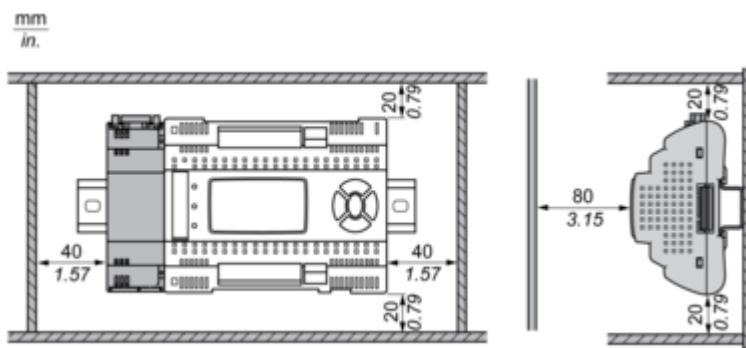
## Dimensions



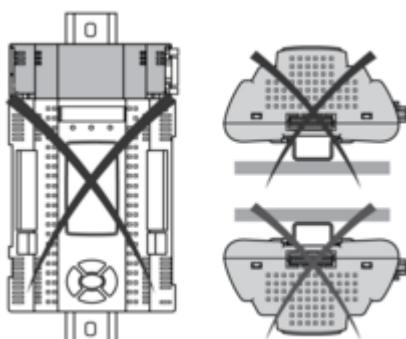
## Mounting and Clearance

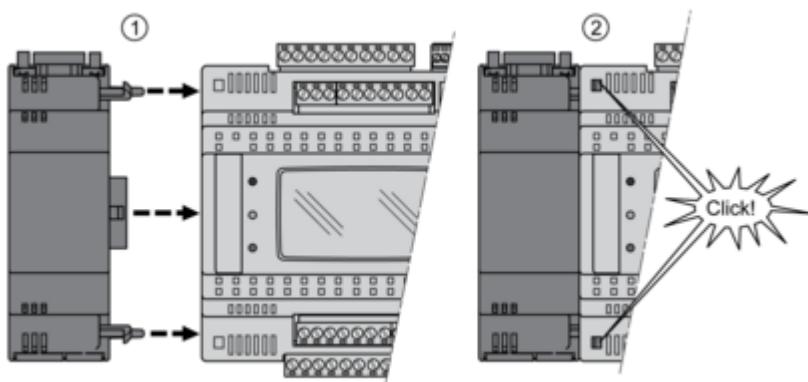
Mounting and Clearance

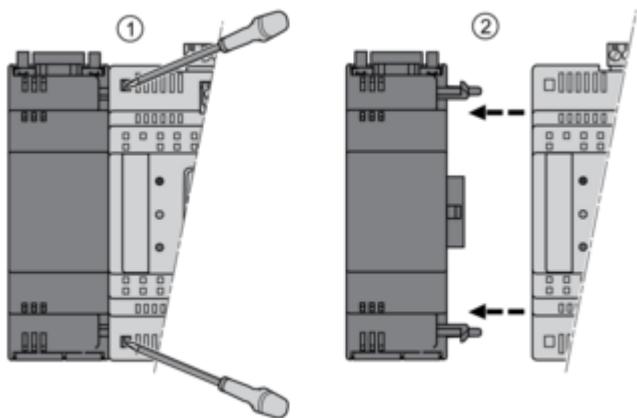
## Clearance



## Misplacement



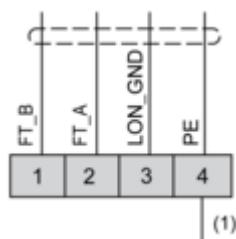
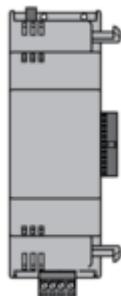
Mounting on Controller

Dismounting

## Connections and Schema

Connections and Schema**LonWorks Communication Module**

TM171ALON



(1) PE to be connected externally to the protective earth.