

NLC-COM-ENET-MB1 - Communication module



2701124

<https://www.phoenixcontact.com/us/products/2701124>

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Ethernet communication module. Allows the Nanoline controller to be connected to an Ethernet, operating as a Modbus TCP Server.

Product description

Adds Ethernet connectivity (Modbus TCP Server functionality) to Nanoline controller. Attaches to left-side of base unit.

Your advantages

- Enables all I/O points, registers, timers, counters, program flags, and system flags to be read and written remotely
- Password control can limit access: read-only or read/write
- Watchdog timer monitors communication, providing either a warning or fault
- Connects to an Ethernet network to function as a Modbus TCP client

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2701124 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DR11 |
| Product key | DRACAE |
| GTIN | 4046356325295 |
| Weight per piece (including packing) | 148.2 g |
| Weight per piece (excluding packing) | 144.3 g |
| Customs tariff number | 85176200 |
| Country of origin | IN |

Technical data

Notes

| | |
|--------------------|--|
| Notes on operation | Program configuration requires a serial connection. It cannot be done via the Ethernet module. |
|--------------------|--|

Product properties

| | |
|----------------|----------------------|
| Product type | Communication module |
| Product family | Nanoline |

Electrical properties

Supply

| | |
|-----------------------------|--|
| Supply voltage | 24 V DC (Power available via logic module) |
| Power supply connection | Screw connection |
| Max. current consumption | 180 mA (at 18 V DC) |
| Typical current consumption | 110 mA |

Connection data

Extension module

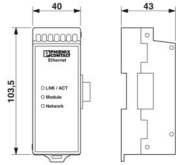
| | |
|-------------------|---------------------------------|
| Connection method | Installs left side of base unit |
|-------------------|---------------------------------|

Interfaces

Ethernet 10/100Base T

| | |
|---------------------|--------------------------------|
| Connection method | RJ45 |
| Transmission speed | 10/100 Mbps (auto negotiation) |
| Transmission length | 100 m |
| Signal LEDs | LNK/ACT; Module; Network |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 40 mm |
| Height | 103.5 mm |
| Depth | 43 mm |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -25 °C ... 60 °C |

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| | |
|---|------------------|
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Permissible humidity (operation) | 90 % |

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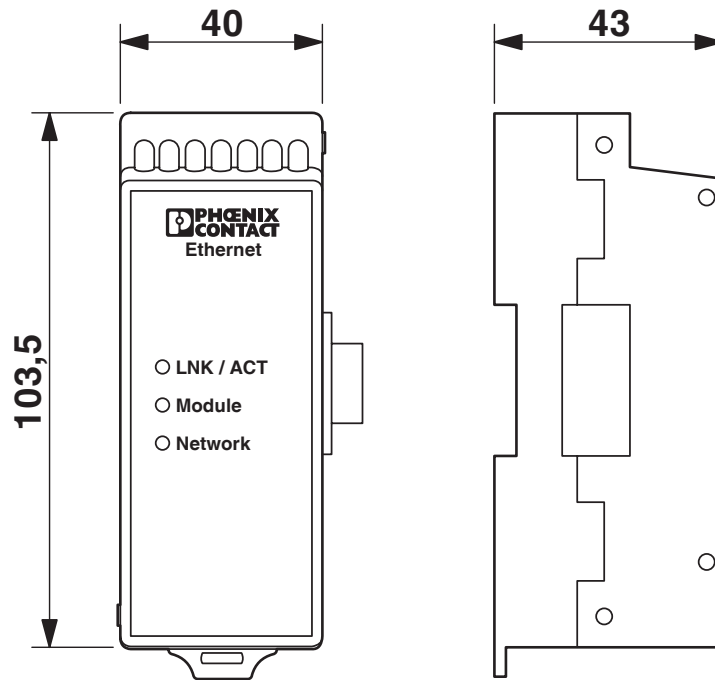


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Drawings

Dimensional drawing



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Approvals

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UL Listed

Approval ID: E238705



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Classifications

ECLASS

ECLASS-13.0

27242216

ETIM

ETIM 9.0

EC001417

UNSPSC

UNSPSC 21.0

39122300

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com