

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
Catalog Page	Page 468 (C-8-2015)
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

General	Program configuration requires a serial connection. It cannot be done via the Ethernet module.
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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

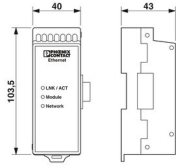
Connection method	Installs left side of base unit
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Interfaces

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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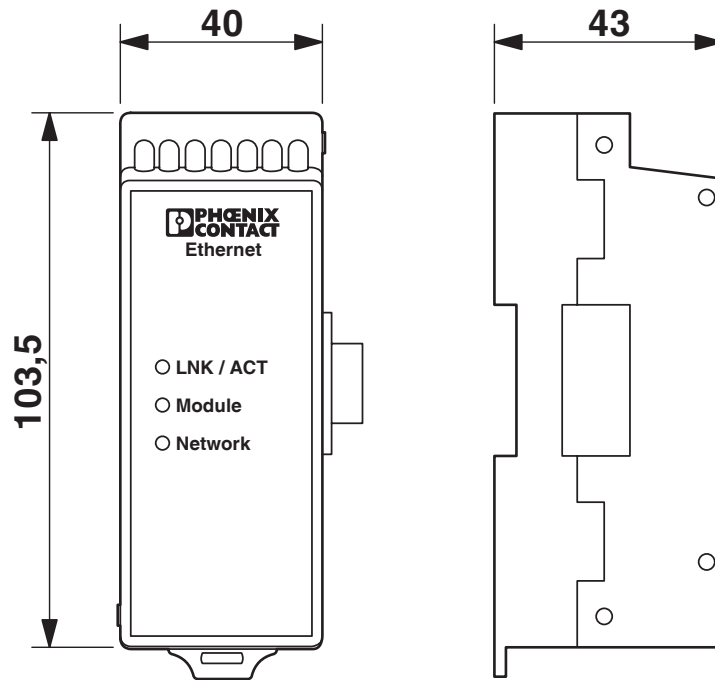


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Drawings


Dimensional drawing





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Approvals

 **UL Listed**
Approval ID: FILE E 238705

 **cUL Listed**
Approval ID: FILE E 238705

 **EAC**
Approval ID: TR_TS_D_01831-19

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Classifications

ECLASS

ECLASS-11.0	27242216
ECLASS-12.0	27242216
ECLASS-13.0	27242216

ETIM

ETIM 8.0	EC001417
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UNSPSC

UNSPSC 21.0	39122300
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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