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

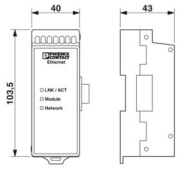
Connection method	Installs left side of base unit

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

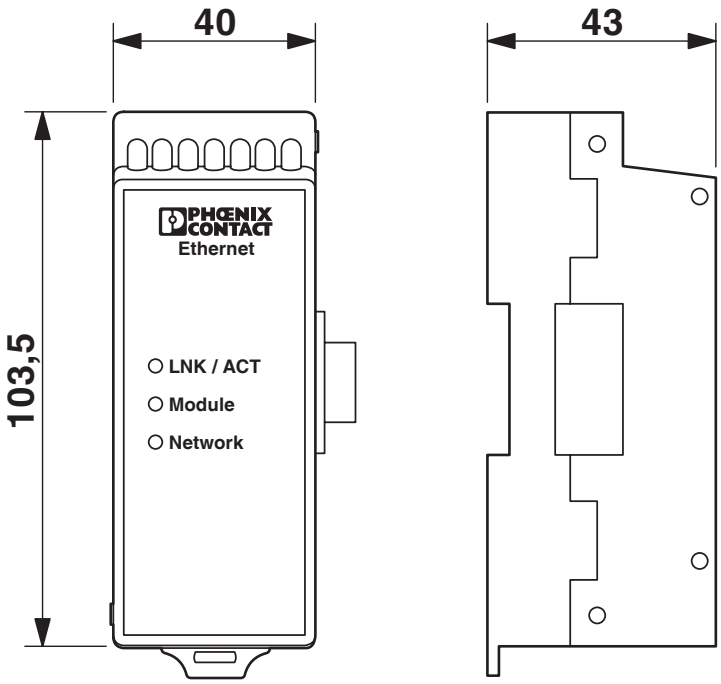
Ambient conditions

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

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

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2701124

UL Listed
Approval ID: E238705

cUL Listed
Approval ID: E238705

Classifications

ECLASS

ECLASS-13.0	27242216

ETIM

ETIM 9.0	EC001417

UNSPSC

UNSPSC 21.0	39122300

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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