

# NLC-MOD-RS485 - Option module



2701182

<https://www.phoenixcontact.com/in/products/2701182>

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RS-485 connection for data transfer or software configuration



## Your advantages

- Password control can limit access: read-only or read/write
- Watchdog timer monitors communication, providing either a warning or fault
- All I/O points, registers, flags, timers, counters, and system flags can be read and written remotely and independently of the program. This enables Nanoline to be used as a simple Modbus I/O block.
- Serial modules provide a PC connection for configuration purposes and downloading/uploading projects to a basic unit

## Commercial Data

Item number	2701182
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	DRA
Product Key	DRACAE
Catalog Page	Page 469 (C-8-2015)
GTIN	4046356325394
Weight per Piece (including packing)	38.9 g
Weight per Piece (excluding packing)	34.6 g
Customs tariff number	85366990
Country of origin	DE

## Technical Data

### Product properties

Product type	Communication module
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### Electrical properties

#### Supply

Supply voltage	24 V DC (Power available via logic module)
I/O voltage	24 V
Max. current consumption	18 mA
Typical current consumption	10 mA

### Connection data

#### Slot 1

Connection method	Installs in slot 1 of logic module
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### Interfaces

Stop bits	1 or 2
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#### Data

Serial transmission speed	115.2 kbps
Connection method	RJ11, shielded

#### RS-232

Connection method	RJ11, shielded
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### Dimensions

Width	24.5 mm
Height	25.5 mm
Depth	49 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

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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-13.0	27242216
ECLASS-12.0	27242216

### ETIM

ETIM 8.0	EC001417
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### UNSPSC

UNSPSC 21.0	39122300
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## Environmental Product Compliance

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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## Accessories

### NLC-RS485-CBL-5M - Cable adapter

2701073

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**Cable**, 5 m RS-485 cable for Nanoline. RJ11 on one end, open on other end.

### NLC-MOD-CAP - Covering hood

2701289

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Replacement cover for slot 1 in base unit.

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