

NLC-MOD-RTC - Option module



2701153

<https://www.phoenixcontact.com/us/products/2701153>

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Real-time clock



Your advantages

- Optional on NLC-050... base units, standard on NLC-055... base units
- Allows time and date comparisons within a project
- Can be set via operator panel or nanoNavigator
- Supports month-day-year, day-month-year, and year-month-day formats

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2701153 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | DR11 |
| Product key | DRACAD |
| GTIN | 4046356324663 |
| Weight per piece (including packing) | 39.1 g |
| Weight per piece (excluding packing) | 34.8 g |
| Customs tariff number | 91109000 |
| Country of origin | IN |

Technical data

Product properties

| | |
|--------------|------------------|
| Product type | Extension module |
|--------------|------------------|

Electrical properties

Supply

| | |
|-----------------------------|--|
| Supply voltage | 24 V DC (Power available via logic module) |
| Max. current consumption | 10 mA |
| Typical current consumption | 4 mA |

Real-time clock

| | |
|----------------------------|--|
| Realtime clock | Yes (battery-backed) |
| Description realtime clock | 2 s/day at 25 °C 4.5 s/day overall (60°C) Life 5 years |

Interfaces

Realtime Clock

| | |
|-------------------|--------|
| Connection method | Slot 2 |
|-------------------|--------|

Dimensions

| | |
|--------|---------|
| Width | 24.5 mm |
| Height | 25.5 mm |
| Depth | 49 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 % |

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2701153>



UL Listed

Approval ID: E238705



cUL Listed

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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, No exemptions |
|---|--------------------|

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.) | 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)(CAS: 110-71-4) |
|-------------------------------------|---|