

## Communication module - NLC-COM-CELLULAR-CDMA - 2400428

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CDMA communication module. Allows SMS messaging to and from the Nanoline controller when connected to the Verizon network.

### Product Description

Adds CDMA connectivity to Nanoline controller, allowing SMS messaging. Attaches to left-side of base unit.

### Why buy this product

- Allows access to read and write registers, flags, timers, and counters
- Sends system faults and warning messages
- Password protection for selective access or broadcast to an onboard address book
- Switches outputs on and off
- Reads inputs

### Key Commercial Data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 STK     |
| Weight per Piece (excluding packing) | 240.000 g |
| Custom tariff number                 | 85176200  |
| Country of origin                    | India     |

### Technical data

#### Dimensions

|        |          |
|--------|----------|
| Width  | 80.5 mm  |
| Height | 103.5 mm |
| Depth  | 43 mm    |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -25 °C ... 55 °C |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |

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## Technical data

### Ambient conditions

|                                  |      |
|----------------------------------|------|
| Permissible humidity (operation) | 90 % |
| Degree of protection             | IP20 |

### Ethernet interface

|           |            |
|-----------|------------|
| Interface | GSM / GPRS |
|-----------|------------|

### Wireless interface

|                           |              |
|---------------------------|--------------|
| Designation               | CDMA         |
| Wireless standard         | CDMA-SMS     |
| Antenna connection method | SMA (female) |
| Frequency band            | 800/1900 MHz |

### Power supply for module electronics

|                      |  |
|----------------------|--|
| Connection method    | Screw connection                       |
| Supply voltage range | 12 V DC ... 24 V DC (9.6 ...28.8 V DC) |

### General

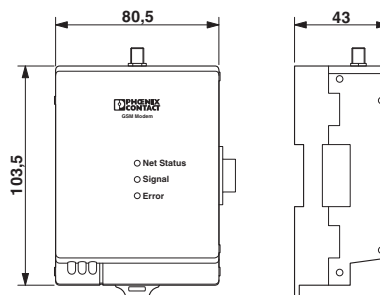
|            |       |
|------------|-------|
| Net weight | 152 g |
|------------|-------|

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing



## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250315 |
| eCl@ss 4.1 | 27250315 |

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.0 | 27242216 |
| eCl@ss 5.1 | 27242216 |
| eCl@ss 6.0 | 27242216 |
| eCl@ss 7.0 | 27242216 |
| eCl@ss 8.0 | 27242216 |
| eCl@ss 9.0 | 27242216 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001417 |
| ETIM 3.0 | EC001417 |
| ETIM 4.0 | EC001417 |
| ETIM 5.0 | EC001417 |
| ETIM 6.0 | EC001417 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 39122329 |

## Approvals

### Approvals

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Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals

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### Approval details

|           |  |   |               |
|-----------|--|---|---------------|
| UL Listed |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|-----------|--|---|---------------|

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### Approvals

cUL Listed



<http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm>

FILE E 238705

cULus Listed



### Accessories

#### Accessories

##### Antenna

Antenna - PSI-GSM/UMTS-QB-ANT - 2313371



GSM UMTS antenna, with omnidirectional characteristic, 2 m antenna cable with SMA round connector

Antenna - TC ANT MOBILE WALL 5M - 2702273



Multiband mobile phone antenna with mounting bracket for outdoor installation. 5 m antenna cable with SMA round plug