# Product datasheet

Specifications

## devicenet communication module - for TeSys U - 24 V DC

Local distributor code:
393517970                                        LULC09

⚠ **Discontinued on:** 10 Apr 2024

**EAN Code: 3389119409759**

⚠ **To be discontinued**

## Main

| | |
|---|---|
| **Range** | TeSys |
| **Device Short Name** | LUL |
| **Product Or Component Type** | Communication module |
| **Product Compatibility** | LUCB<br>LUCM<br>LUCA<br>LUCD<br>LUCL<br>LUCC |
| **Device Application** | Communication |
| **Range Compatibility** | TeSys TeSys U LUB non reversing power base<br>TeSys TeSys U LU2B reversing power base |

## Complementary

| | |
|---|---|
| **Main Function Available** | Communication module |
| **Mounting Mode** | Plug-in |
| **Mounting Location** | Front side |
| **Physical Interface** | Open style connector |
| **Bus Type** | DeviceNet |
| **Communication Port Protocol** | CAN2.0A<br>CAN2.B |
| **Addressing** | 0...63 |
| **Current Consumption** | 1.5 mA at 24 V DC 20...28 V |
| **Logic Input** | Positive at 24 V DC - 7 mA |
| **Response Time** | 10 ms +/- 30 % change to state 0<br>10 ms +/- 30 % change to state 1 |
| **Input Type** | Resistive |
| **Number Of Outputs** | 2 dedicated to starter-controller coil operation<br>1 |
| **[Us] Rated Supply Voltage** | 24 V DC |
| **Output Current** | <= 500 mA |
| **Protection Type** | GL fuse 2 A |
| **Switching Current Capacity** | 0.5 mA at 24 V |
| **Local Signalling** | 3 LEDs front panel |

| Connection Pitch | 5 mm open style DeviceNet |
| --- | --- |
| | 3.81 mm |

| Connections - Terminals | Screw clamp terminals 1 cable(s) 0.14…1 mm²flexible without cable end |
| --- | --- |
| | Screw clamp terminals 1 cable(s) 0.14…1 mm²rigid without cable end |
| | Screw clamp terminals 1 cable(s) 0.25…0.5 mm²flexible with cable end |
| | Screw clamp terminals 1 cable(s) 0.25…1 mm²flexible with cable end |
| | Screw clamp terminals 2 cable(s) 0.14…0.5 mm²rigid without cable end |
| | Screw clamp terminals 2 cable(s) 0.14…0.75 mm²flexible without cable end |
| | Screw clamp terminals 2 cable(s) 0.25…0.34 mm²flexible with cable end |
| | BUS 1 cable(s) 0.2…2.5 mm²flexible without cable end |
| | BUS 1 cable(s) 0.2…2.5 mm²rigid without cable end |
| | BUS 1 cable(s) 0.25…2.5 mm²flexible with cable end |
| | BUS 2 cable(s) 0.14…0.5 mm²rigid without cable end |
| | BUS 2 cable(s) 0.25…1 mm²flexible with cable end |
| | BUS 2 cable(s) 0.5…1.5 mm²flexible with cable end |
| | BUS 2 cable(s) 0.5…1.5 mm²flexible without cable end |
| | Screw clamp terminals 2 cable(s) 0.75 mm²flexible with cable end |

| Associated Cable Type | AWG 26...AWG 16 for screw clamp terminals |
| --- | --- |
| | AWG24...AWG16 for BUS |

| Tightening Torque | 0.2…0.25 N.m flat Ø 2.5 mm screwdriver |
| --- | --- |
| | 0.5…0.6 N.m flat Ø 3.5 mm screwdriver |

# Environment

| Standards | IEC 62026-1 |
| --- | --- |

| Ambient Air Temperature For Operation | -25…55 °C |
| --- | --- |

| Ip Degree Of Protection | IP20 conforming to IEC 60529 |
| --- | --- |

# Packing Units

| Unit Type Of Package 1 | PCE |
| --- | --- |

| Number Of Units In Package 1 | 1 |
| --- | --- |

| Package 1 Height | 4.6 cm |
| --- | --- |

| Package 1 Width | 5.0 cm |
| --- | --- |

| Package 1 Length | 11.3 cm |
| --- | --- |

| Package 1 Weight | 110.0 g |
| --- | --- |

| Unit Type Of Package 2 | S02 |
| --- | --- |

| Number Of Units In Package 2 | 35 |
| --- | --- |

| Package 2 Height | 15.0 cm |
| --- | --- |

| Package 2 Width | 30.0 cm |
| --- | --- |

| Package 2 Length | 40.0 cm |
| --- | --- |

| Package 2 Weight | 4.16 kg |
| --- | --- |

# Contractual warranty

| Warranty | 18 months |
| --- | --- |

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## Well-being performance

| | | |
|---|---|---|
| ✓ | Mercury Free | |
| ✓ | Rohs Exemption Information | Yes |

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |