

Product datasheet

Specifications



communication module - for TeSys U - 24 V DC

LULC033

Main

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|---------------------------|---|
| Range | TeSys |
| Device short name | LUL |
| Product or component type | Communication module |
| Product compatibility | LUCL LUCC LUCB LUCM LUCA LUCD |
| Device application | Communication |
| Range compatibility | TeSys (TeSys U) LUB non reversing power base TeSys (TeSys U) LU2B reversing power base |

Complementary

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|-----------------------------|--|
| Main function available | Communication module |
| Mounting mode | Plug-in |
| Mounting location | Front side |
| Physical interface | RS485 multidrop |
| Bus type | Modbus |
| Cable connector type | RJ45 front panel |
| Communication port protocol | Modbus RTU |
| Addressing | 0...31 |
| Transmission rate | 19200 bit/s |
| Return time | 30 ms |
| Number of inputs | 2 |
| Logic input | Positive at 24 V DC - 7 mA |
| Response time | 10 ms +/- 30 % change to state 0 10 ms +/- 30 % change to state 1 |
| Input type | Resistive |
| Number of outputs | 2 dedicated to starter-controller coil operation 1 |
| [Us] rated supply voltage | 24 V DC |
| Output current | <= 500 mA |

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|----------------------------|---|
| Protection type | GG fuse 1 A |
| Switching current capacity | 0.5 mA at 24 V |
| Local signalling | 3 LEDs front panel |
| Connection pitch | 3.81 mm |
| Connections - terminals | Screw clamp terminals 1 cable(s) 0.14...1 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 0.14...1 mm ² rigid without cable end Screw clamp terminals 1 cable(s) 0.25...0.5 mm ² flexible with cable end Screw clamp terminals 1 cable(s) 0.25...1 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 0.14...0.5 mm ² rigid without cable end Screw clamp terminals 2 cable(s) 0.14...0.75 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 0.25...0.34 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 0.5 mm ² flexible with cable end |
| Associated cable type | AWG 26...AWG 16 |
| Tightening torque | 0.2...0.25 N.m2.5 mm |
| Net weight | 0.08 kg |

Environment

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|---------------------------------------|------------------------------|
| Ambient air temperature for operation | -25...55 °C |
| IP degree of protection | IP20 conforming to IEC 60529 |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.9 cm |
| Package 1 Width | 11.3 cm |
| Package 1 Length | 4.9 cm |
| Package 1 Weight | 85.0 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 | 3.293 kg |

Offer Sustainability

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|----------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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Recommended replacement(s)