# LULC033
## Modbus communication module, TeSys Ultra, 24VDC supply



## Main

| | |
|---|---|
| Range | TeSys |
| Device short name | LUL |
| Product or Component Type | Communication module |
| Product Compatibility | LUCL<br>LUCC<br>LUCB<br>LUCM<br>LUCA<br>LUCD |
| Device Application | Communication |
| Range compatibility | TeSys U LUB non reversing power base<br>TeSys U LU2B reversing power base |

## Complementary

| | |
|---|---|
| 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 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 | GG fuse 1 A |
| Switching current capacity | 0.5 mA 24 V |
| Local signalling | 3 LEDs front panel |
| Connection pitch | 0.15 in (3.81 mm) |
| Connections - terminals | Screw clamp terminals 1 0.00…0.00 in² (0.14…1 mm²)flexible without cable end<br>Screw clamp terminals 1 0.00…0.00 in² (0.14…1 mm²)rigid without cable end<br>Screw clamp terminals 1 0.00…0.00 in² (0.25…0.5 mm²)flexible with cable end<br>Screw clamp terminals 1 0.00…0.00 in² (0.25…1 mm²)flexible with cable end<br>Screw clamp terminals 2 0.00…0.00 in² (0.14…0.5 mm²)rigid without cable end<br>Screw clamp terminals 2 0.00…0.00 in² (0.14…0.75 mm²)flexible without cable end<br>Screw clamp terminals 2 0.00…0.00 in² (0.25…0.34 mm²)flexible with cable end<br>Screw clamp terminals 2 0.00 in² (0.5 mm²)flexible with cable end |
| Associated cable type | AWG 26...AWG 16 |
| Tightening torque | 1.77…2.21 lbf.in (0.2…0.25 N.m) 0.10 in (2.5 mm) |
| Net Weight | 0.18 lb(US) (0.08 kg) |

## Environment

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|---|---|
| Ambient Air Temperature for Operation | -13…131 °F (-25…55 °C) |
| IP degree of protection | IP20 conforming to IEC 60529 |

## Ordering and shipping details

| | |
|---|---|
| Category | 22398-TESYS U - MULTI-FCTN CTRL MOD(LUCM) |
| Discount Schedule | I11 |
| GTIN | 3389119202091 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 3.00 oz (85.0 g) |
| Returnability | Yes |
| Country of origin | FR |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.93 in (4.9 cm) |
| Package 1 width | 4.45 in (11.3 cm) |
| Package 1 Length | 1.93 in (4.9 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 35 |
| Package 2 Weight | 7.26 lb(US) (3.293 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

## Offer Sustainability

| | |
|---|---|
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| 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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