**Product data sheet**

**Characteristics**

**LU2MB0BL**

reverser block LU2M - 32 A - 24 V DC - direct mounting

Product availability: Stock - Normally stocked in distribution facility

Price**: 192.00 USD

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**Main**

- **Range**: TeSys
- **Device short name**: LU2MB
- **Product or component type**: Reverser block

**Complementary**

- **Mounting mode**: Plug-in

- **[Ue] rated operational voltage**
  - 230 V
  - 440 V
  - 500 V
  - 690 V

- **Network frequency**: 40...60 Hz

- **Inrush restraint duration**
  - 25 ms AC 50/60 Hz
  - 15 ms DC

- **Operating time**
  - 150 ms with change of direction
  - 75 ms without change of direction

- **[Uc] control circuit voltage**: 24 V DC

- **Current consumption**
  - 120 mA 24 V DC I maximum while closing
  - 120 mA 24 V DC I rms sealed

- **[Ui] rated insulation voltage**
  - 600 V UL 508
  - 690 V IEC 60947-1
  - 600 V CSA C22.2 No 14

- **[Uimp] rated impulse withstand voltage**: 6 kV IEC 60947-6-2

- **Connections - terminals**
  - Control circuit screw clamp terminals 1 0.00…0.00 in² (0.34…1.5 mm²) 0.12 in (3 mm)) flexible with cable end
  - Control circuit screw clamp terminals 1 0.00…0.00 in² (0.75…1.5 mm²) 0.12 in (3 mm)) rigid without cable end
  - Control circuit screw clamp terminals 2 0.00…0.00 in² (0.34…1.5 mm²) 0.12 in (3 mm)) flexible with cable end

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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
Control circuit screw clamp terminals 2 0.00…0.00 in² (0.75…1.5 mm²) 0.12 in (3 mm)) flexible without cable end
Control circuit screw clamp terminals 2 0.00…0.00 in² (0.75…1.5 mm²) 0.12 in (3 mm)) rigid without cable end
Power circuit screw clamp terminals 1 0.00…0.02 in² (1…10 mm²) 0.16 in (4 mm)) rigid without cable end
Power circuit screw clamp terminals 1 0.00…0.02 in² (1…10 mm²) 0.16 in (4 mm)) flexible without cable end
Power circuit screw clamp terminals 2 0.00…0.01 in² (1…6 mm²) 0.16 in (4 mm)) flexible with cable end
Power circuit screw clamp terminals 2 0.00…0.01 in² (1…6 mm²) 0.16 in (4 mm)) rigid without cable end
Power circuit screw clamp terminals 2 0.00…0.01 in² (1.5…6 mm²) 0.16 in (4 mm)) rigid without cable end
Power circuit screw clamp terminals 2 0.00…0.01 in² (1…6 mm²) 0.16 in (4 mm)) flexible without cable end

Tightening torque
Control circuit 7.08…10.62 lbf.in (0.8…1.2 N.m) flat 0.20 in (5 mm)
Control circuit 7.08…10.62 lbf.in (0.8…1.2 N.m) Philips No 2 0.20 in (5 mm)
Power circuit 16.82…22.13 lbf.in (1.9…2.5 N.m) flat 0.24 in (6 mm)
Power circuit 16.82…22.13 lbf.in (1.9…2.5 N.m) Philips No 2 0.24 in (6 mm)

Net weight
0.88 lb(US) (0.4 kg)

Environment
 Standards
UL 508 type E, with phase barrier
CSA C22.2 No 14 type E
EN 60947-6-2
IEC 60947-6-2

Product certifications
ABS
BV
LROS (Lloyds register of shipping)
CCC
DNV
GOST
CSA
ATEX
UL
ASEFA
GL

IP degree of protection
IP20 IEC 60947-1 front panel and wired terminals)
IP20 IEC 60947-1 other faces)
IP40 IEC 60947-1 front panel outside connection zone)

Protective treatment
TH IEC 60068

Ambient air temperature for operation
-13…140 °F (-25…60 °C) with LUCM
-13…158 °F (-25…70 °C) with LUCA, LUCB, LUCC, LUCD

Ambient air temperature for storage
-40…185 °F (-40…85 °C)

Fire resistance
1760 °F (960 °C) parts supporting live components IEC 60695-2-12
1202 °F (650 °C) IEC 60695-2-12

Operating altitude
6561.68 ft (2000 m)

Shock resistance
10 gn power poles open IEC 60068-2-27
15 gn power poles closed IEC 60068-2-27

Vibration resistance
2 gn 5…300 Hz) power poles open IEC 60686-2-27
4 gn 5…300 Hz) power poles closed IEC 60686-2-27

Resistance to electrostatic discharge
8 kV level 3, in open air IEC 61000-4-2
8 kV level 4, on contact IEC 61000-4-2

Resistance to radiated fields
9.14 V/m (10 V/m) level 3 IEC 61000-4-3

Resistance to fast transients
2 kV 3 serial link IEC 61000-4-4
4 kV 4 all circuits except for serial link IEC 61000-4-4

Immunity to radioelectric fields
10 V IEC 61000-4-6

Ordering and shipping details
Category
22399 - TESYS U, ACCESSORIES

Discount Schedule
I11

GTIN
00785901202615

Package weight(Lbs)
0.40 kg (0.88 lb(US))
<table>
<thead>
<tr>
<th>Returnability</th>
<th>Yes</th>
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<tbody>
<tr>
<td>Country of origin</td>
<td>FR</td>
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**Offer Sustainability**

<table>
<thead>
<tr>
<th>Sustainable offer status</th>
<th>Green Premium product</th>
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<tbody>
<tr>
<td>California proposition 65</td>
<td>WARNING: This product can expose you to chemicals including: Antimony oxide &amp; Antimony trioxide which is known to the State of California to cause Carcinogen harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a></td>
</tr>
<tr>
<td>EU RoHS Directive</td>
<td>Compliant</td>
</tr>
<tr>
<td>EU RoHS Declaration</td>
<td></td>
</tr>
<tr>
<td>Mercury free</td>
<td>Yes</td>
</tr>
<tr>
<td>RoHS exemption information</td>
<td>Yes</td>
</tr>
<tr>
<td>China RoHS Regulation</td>
<td>China RoHS declaration</td>
</tr>
<tr>
<td></td>
<td>Product out of China RoHS scope. Substance declaration for your information.</td>
</tr>
<tr>
<td>Environmental Disclosure</td>
<td>Product Environmental Profile</td>
</tr>
<tr>
<td>Circularity Profile</td>
<td>End of Life Information</td>
</tr>
<tr>
<td>WEEE</td>
<td>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.</td>
</tr>
</tbody>
</table>

**Contractual warranty**

<table>
<thead>
<tr>
<th>Warranty</th>
<th>18 months</th>
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