### LU2MB0FU
reverser block LU2M - 32 A - 110...240 V DC/AC
50...60 Hz - direct mounting

### Main

<table>
<thead>
<tr>
<th>Range</th>
<th>TeSys</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device short name</td>
<td>LU2MB</td>
</tr>
<tr>
<td>Product or component type</td>
<td>Reverser block</td>
</tr>
</tbody>
</table>

### Complementary

<table>
<thead>
<tr>
<th>Mounting mode</th>
<th>Plug-in</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Ue] rated operational voltage</td>
<td>230 V</td>
</tr>
<tr>
<td></td>
<td>440 V</td>
</tr>
<tr>
<td></td>
<td>500 V</td>
</tr>
<tr>
<td></td>
<td>690 V</td>
</tr>
<tr>
<td>Network frequency</td>
<td>40...60 Hz</td>
</tr>
<tr>
<td>Inrush restraint duration</td>
<td>15 ms for DC network</td>
</tr>
<tr>
<td></td>
<td>25 ms for AC network 50/60 Hz</td>
</tr>
<tr>
<td>Operating time</td>
<td>150 ms with change of direction</td>
</tr>
<tr>
<td></td>
<td>75 ms without change of direction</td>
</tr>
<tr>
<td>[Uc] control circuit voltage</td>
<td>110...220 V DC</td>
</tr>
<tr>
<td></td>
<td>110...240 V AC</td>
</tr>
<tr>
<td>Current consumption</td>
<td>1000 mA at 110...220 V DC I maximum while closing</td>
</tr>
<tr>
<td></td>
<td>1000 mA at 110...240 V AC I maximum while closing</td>
</tr>
<tr>
<td>[Ui] rated insulation voltage</td>
<td>600 V conforming to CSA C22.2 No 14</td>
</tr>
<tr>
<td></td>
<td>600 V conforming to UL 508</td>
</tr>
<tr>
<td></td>
<td>690 V conforming to IEC 60947-1</td>
</tr>
<tr>
<td>[Uimp] rated impulse withstand voltage</td>
<td>6 kV conforming to IEC 60947-6-2</td>
</tr>
</tbody>
</table>

### Connections - terminals

- Control circuit : screw clamp terminals 1 cable 0.34...1.5 mm² - external diameter: 3 mm - cable stiffness: flexible - with cable end
- Control circuit : screw clamp terminals 1 cable 0.75...1.5 mm² - external diameter: 3 mm - cable stiffness: flexible - without cable end
- Control circuit : screw clamp terminals 1 cable 0.75...1.5 mm² - external diameter: 3 mm - cable stiffness: rigid - without cable end
- Control circuit : screw clamp terminals 2 cable 0.34...1.5 mm² - external diameter: 3 mm - cable stiffness: flexible - with cable end
- Control circuit : screw clamp terminals 2 cable 0.75...1.5 mm² - external diameter: 3 mm - cable stiffness: flexible - without cable end
- Control circuit : screw clamp terminals 2 cable 0.75...1.5 mm² - external diameter: 3 mm - cable stiffness: rigid - without cable end
- Power circuit : screw clamp terminals 1 cable 1...10 mm² - external diameter: 4 mm - cable stiffness: rigid - without cable end
- Power circuit : screw clamp terminals 1 cable 1...6 mm² - external diameter: 4 mm - cable stiffness: flexible - with cable end
Power circuit: screw clamp terminals
- 1 cable 2.5...10 mm² - external diameter: 4 mm - cable stiffness: flexible - without cable end
- 2 cable 1...6 mm² - external diameter: 4 mm - cable stiffness: rigid - without cable end
- 2 cable 1...6 mm² - external diameter: 4 mm - cable stiffness: flexible - with cable end
- 2 cable 1.5...6 mm² - external diameter: 4 mm - cable stiffness: rigid - without cable end

Tightening torque
- Control circuit: 0.8...1.2 N.m - with screwdriver 5 mm flat
- Power circuit: 1.9...2.5 N.m - with screwdriver 6 mm flat
- Power circuit: 1.9...2.5 N.m - with screwdriver 6 mm Philips No 2
- Control circuit: 0.8...1.2 N.m - with screwdriver 5 mm Philips No 2

Product weight
- 0.4 kg

Environment

Standards
- CSA C22.2 No 14 type E
- EN 60947-6-3
- IEC 60947-6-3
- UL 508 type E with phase barrier

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

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

Protective treatment
- TH conforming to IEC 60068

Ambient air temperature for operation
- -25...60 °C with LUCM
- -25...70 °C with LUCA, LUCB, LUCC, LUCD

Fire resistance
- 650 °C conforming to IEC 60695-2-12
- 960 °C parts supporting live components conforming to IEC 60695-2-12

Operating altitude
- 2000 m

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

Vibration resistance
- 2 gn 5...300 Hz power poles open conforming to IEC 60068-2-27
- 4 gn 5...300 Hz power poles closed conforming to IEC 60068-2-27

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

Resistance to radiated fields
- 10 V/m level 3 conforming to IEC 61000-4-3

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

Non-dissipating shock wave
- 1 kV serial mode conforming to IEC 60947-6-2
- 2 kV common mode conforming to IEC 60947-6-2

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

Contractual warranty

Warranty period
- 18 months