



## Main

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

## Complementary

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting mode                          | Plug-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| System Voltage                         | 230 V<br>440 V<br>500 V<br>690 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Network frequency                      | 40...60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Inrush restraint duration              | 15 ms DC network<br>25 ms AC network 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operating time                         | 150 ms with change of direction<br>75 ms without change of direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| [Uc] control circuit voltage           | 24 V DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Current consumption                    | 120 mA at 24 V DC I maximum while closing<br>120 mA at 24 V DC I rms sealed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| [Ui] rated insulation voltage          | 600 V conforming to UL 508<br>690 V conforming to IEC 60947-1<br>600 V conforming to CSA C22.2 No 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-6-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Connections - terminals                | Control circuit: screw clamp terminals 1 cable 0...0 in <sup>2</sup> (0.34...1.5 mm <sup>2</sup> ) - external diameter: 0.12 in (3 mm) - cable stiffness: flexible - with cable end<br>Control circuit: screw clamp terminals 1 cable 0...0 in <sup>2</sup> (0.75...1.5 mm <sup>2</sup> ) - external diameter: 0.12 in (3 mm) - cable stiffness: flexible - without cable end<br>Control circuit: screw clamp terminals 1 cable 0...0 in <sup>2</sup> (0.75...1.5 mm <sup>2</sup> ) - external diameter: 0.12 in (3 mm) - cable stiffness: rigid - without cable end<br>Control circuit: screw clamp terminals 2 cable 0...0 in <sup>2</sup> (0.34...1.5 mm <sup>2</sup> ) - external diameter: 0.12 in (3 mm) - cable stiffness: flexible - with cable end<br>Control circuit: screw clamp terminals 2 cable 0...0 in <sup>2</sup> (0.75...1.5 mm <sup>2</sup> ) - external diameter: 0.12 in (3 mm) - cable stiffness: flexible - without cable end<br>Control circuit: screw clamp terminals 2 cable 0...0 in <sup>2</sup> (0.75...1.5 mm <sup>2</sup> ) - external diameter: 0.12 in (3 mm) - cable stiffness: rigid - without cable end<br>Power circuit: screw clamp terminals 1 cable 0...0.02 in <sup>2</sup> (1...10 mm <sup>2</sup> ) - external diameter: 0.16 in (4 mm) - cable stiffness: rigid - without cable end<br>Power circuit: screw clamp terminals 1 cable 0...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> ) - external diameter: 0.16 in (4 mm) - cable stiffness: flexible - with cable end<br>Power circuit: screw clamp terminals 1 cable 0...0.02 in <sup>2</sup> (2.5...10 mm <sup>2</sup> ) - external diameter: 0.16 in (4 mm) - cable stiffness: flexible - without cable end<br>Power circuit: screw clamp terminals 2 cable 0...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> ) - external diameter: 0.16 in (4 mm) - cable stiffness: flexible - with cable end<br>Power circuit: screw clamp terminals 2 cable 0...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> ) - external diameter: 0.16 in (4 mm) - cable stiffness: rigid - without cable end<br>Power circuit: screw clamp terminals 2 cable 0...0.01 in <sup>2</sup> (1.5...6 mm <sup>2</sup> ) - external diameter: 0.16 in (4 mm) - cable stiffness: flexible - without cable end |
| Tightening torque                      | Control circuit: 7.08...10.62 lbf.in (0.8...1.2 N.m) - with screwdriver 0.2 in (5 mm) flat<br>Power circuit: 16.81...22.12 lbf.in (1.9...2.5 N.m) - with screwdriver 0.24 in (6 mm) flat<br>Power circuit: 16.81...22.12 lbf.in (1.9...2.5 N.m) - with screwdriver 0.24 in (6 mm) Philips No 2<br>Control circuit: 7.08...10.62 lbf.in (0.8...1.2 N.m) - with screwdriver 0.2 in (5 mm) Philips No 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product weight                         | 0.88 lb(US) (0.4 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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## Environment

|                                       |                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| standards                             | EN 60947-6-2<br>IEC 60947-6-2<br>UL 508 type E with phase barrier<br>CSA C22.2 No 14 type E                                                                                        |
| product certifications                | ABS<br>ASEFA<br>ATEX<br>BV<br>CCC<br>CSA<br>DNV<br>GL<br>GOST<br>LROS (Lloyds register of shipping)<br>UL                                                                          |
| IP degree of protection               | IP20 front panel and wired terminals conforming to IEC 60947-1<br>IP20 other faces conforming to IEC 60947-1<br>IP40 front panel outside connection zone conforming to IEC 60947-1 |
| protective treatment                  | TH conforming to IEC 60068                                                                                                                                                         |
| ambient air temperature for operation | -13...140 °F (-25...60 °C) with LUCM<br>-13...158 °F (-25...70 °C) with LUCA, LUCB, LUCC, LUCD                                                                                     |
| ambient air temperature for storage   | -40...185 °F (-40...85 °C)                                                                                                                                                         |
| fire resistance                       | 1202 °F (650 °C) conforming to IEC 60695-2-12<br>1760 °F (960 °C) parts supporting live components conforming to IEC 60695-2-12                                                    |
| operating altitude                    | 6561.68 ft (2000 m)                                                                                                                                                                |
| shock resistance                      | 10 gn power poles open conforming to IEC 60068-2-27<br>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<br>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<br>8 kV level 4, on contact conforming to IEC 61000-4-2                                                                      |
| resistance to radiated fields         | 9.14 V/yd (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<br>4 kV class 4 all circuits except for serial link conforming to IEC 61000-4-4                                               |
| immunity to radioelectric fields      | 10 V conforming to IEC 61000-4-6                                                                                                                                                   |

## Offer Sustainability

|                                                                                                |                                                                                                |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| WARNING: This product can expose you to chemicals including:                                   | WARNING: This product can expose you to chemicals including:                                   |
| Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. | Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>  | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>  |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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