

# LU6MB0BL

reverser block LU6 - 32 A - 24 V DC - separated mounting

Product availability : Non-Stock - Not normally stocked in distribution facility

Price\* : 222.00 USD



## Main

Range of product	TeSys U
Range	TeSys
Device short name	LU6MB
Product or component type	Reverser block

## Complementary

Mounting mode	Rail
System Voltage	500 V 230 V 690 V 440 V
Network frequency	40...60 Hz
Duration of inrush phase	15 ms DC network 25 ms AC network 50/60 Hz
Operating time	75 ms without change of direction 150 ms with change of direction
Control circuit voltage	24 V DC
Current consumption	120 mA at 24 V DC I maximum while closing 120 mA at 24 V DC I rms sealed
[Ui] rated insulation voltage	600 V conforming to UL 508 690 V conforming to IEC 60947-1 600 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> (0.75...1.5 mm <sup>2</sup> ) - external diameter: 0.12 in (3 mm) - cable stiffness: rigid - without cable end 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 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

	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 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 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 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 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 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 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 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 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
Tightening torque	Power circuit: 16.81...22.12 lbf.in (1.9...2.5 N.m) - with screwdriver 0.24 in (6 mm) flat Power circuit: 16.81...22.12 lbf.in (1.9...2.5 N.m) - with screwdriver 0.24 in (6 mm) Philips No 2 Control circuit: 7.08...10.62 lbf.in (0.8...1.2 N.m) - with screwdriver 0.2 in (5 mm) flat 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	0.94 lb(US) (0.425 kg)
Compatibility code	LU6MB

## Environment

Standards	CSA C22.2 No 14 type E IEC 60947-6-3 UL 508 type E with phase barrier EN 60947-6-3
Product certifications	GOST ABS GL LROS (Lloyds register of shipping) UL BV DNV CCC ASEFA CSA ATEX
IP degree of protection	IP20 front panel and wired terminals conforming to IEC 60947-1 IP40 front panel outside connection zone conforming to IEC 60947-1 IP20 other faces conforming to IEC 60947-1
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-13...158 °F (-25...70 °C) with LUCA, LUCB, LUCC, LUCD -13...140 °F (-25...60 °C) with LUCM
Fire resistance	1760 °F (960 °C) parts supporting live components conforming to IEC 60695-2-12 1202 °F (650 °C) 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 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	9.14 V/yd (10 V/m) level 3 conforming to IEC 61000-4-3
Resistance to fast transients	4 kV class 4 all circuits except for serial link conforming to IEC 61000-4-4 2 kV class 3 serial link conforming to IEC 61000-4-4
Immunity to radioelectric fields	10 V conforming to IEC 61000-4-6

## Ordering and shipping details

Category	22399 - TESYS U, ACCESSORIES
Discount Schedule	I11
GTIN	00785901202646

Nbr. of units in pkg.	1
Returnability	N
Country of origin	FR

### Contractual warranty

Warranty period	18 months
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