



Main

Range	TeSys
Device short name	LU6MB
Product or component type	Reverser block
Device mounting	Separate mounting
Device application	Motor control
[Ie] rated operational current	32 A
[Uc] control circuit voltage	24 V AC 50/60 Hz
Current consumption	2360 mA 24 V AC I maximum while closing

Complementary

[Ue] rated operational voltage	690 V AC power circuit
Network frequency	40...60 Hz
Inrush restraint duration	25 Ms AC 15 ms DC
Operating time	150 ms with change of direction 75 ms without change of direction
Standards	EN 60947-6-2 IEC 60947-6-2 UL 60947-4-1, with phase barrier CSA C22.2 No 60947-4-1, with phase barrier
Product certifications	CE UL CSA CCC EAC ASEFA ATEX Marine
[Ui] rated insulation voltage	690 V IEC 60947-6-2 600 V UL 60947-4-1 600 V CSA C22.2 No 60947-4-1
[Uimp] rated impulse withstand voltage	6 kVIEC 60947-6-2
Fixing mode	Clipped DIN rail) Screw-fixed plate)

Connections - terminals	Control circuit screw clamp terminals 1 0.00...0.00 in ² (0.34...1.5 mm ²) 0.12 in (3 mm)) flexible with cable end Control circuit screw clamp terminals 1 0.00...0.00 in ² (0.75...1.5 mm ²) 0.12 in (3 mm)) flexible without cable end Control circuit screw clamp terminals 1 0.00...0.00 in ² (0.75...1.5 mm ²) 0.12 in (3 mm)) rigid Control circuit screw clamp terminals 2 0.00...0.00 in ² (0.34...1.5 mm ²) 0.12 in (3 mm)) flexible with cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (0.75...1.5 mm ²) 0.12 in (3 mm)) flexible without cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (0.75...1.5 mm ²) 0.12 in (3 mm)) rigid Power circuit screw clamp terminals 1 0.00...0.02 in ² (1...10 mm ²) 0.16 in (4 mm)) rigid Power circuit screw clamp terminals 1 0.00...0.01 in ² (1...6 mm ²) 0.16 in (4 mm)) flexible with cable end Power circuit screw clamp terminals 1 0.00...0.02 in ² (2.5...10 mm ²) 0.16 in (4 mm)) flexible without cable end Power circuit screw clamp terminals 2 0.00...0.01 in ² (1...6 mm ²) 0.16 in (4 mm)) flexible with cable end Power circuit screw clamp terminals 2 0.00...0.01 in ² (1...6 mm ²) 0.16 in (4 mm)) rigid Power circuit screw clamp terminals 2 0.00...0.01 in ² (1.5...6 mm ²) 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)
Width	1.77 in (45 mm)
Height	4.53 in (115 mm)
Depth	4.45 in (113 mm)
Net weight	0.94 lb(US) (0.425 kg)
Compatibility code	LU6MB

Environment

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 60068-2-27 4 gn 5...300 Hz) power poles closed IEC 60068-2-27
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
Non-dissipating shock wave	1 KV serial mode IEC 60947-6-2 2 kV common mode IEC 60947-6-2
Immunity to radioelectric fields	10 V IEC 61000-4-6

Ordering and shipping details

Category	22399 - TESYS U, ACCESSORIES
Discount Schedule	I11
GTIN	00785901202639
Returnability	No
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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