Product data sheet

Specifications



Reverser block for vertical mounting, TeSys Ultra, 32A/690V, coil 24VAC

LU2MB0B

Product availability : Stock - Normally stocked in distribution facility

Price* : 192.00 USD

Main

Range	TeSys
Device short name	LU2MB
Product or Component Type	Reverser block
Device mounting	Direct 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	Plug-in
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)) flexible without cable end Control circuit screw clamp terminals 1 0.00…0.00 in² (0.75…1.5 mm²) 0.12 in (3 mm)) rigid

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 (0.34…1.5 mm²) 0.12 in (3 mm)) flexible with cable end 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 Power circuit screw clamp terminals 1 0.00…0.02 in² (1…10 mm²) 0.16 in (4 mm)) rigid Power circuit screw clamp terminals 1 0.00…0.01 in² (1…6 mm²) 0.16 in (4 mm)) flexible with cable end Power circuit screw clamp terminals 1 0.00…0.02 in² (2.5…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 Power circuit screw clamp terminals 2 0.00…0.01 in² (1.5…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)
Width	1.77 in (45 mm)
Height	3.15 in (80 mm)
Depth	4.13 in (105 mm)
Net Weight	0.88 lb(US) (0.4 kg)
Compatibility code	LU2MB

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	3389110363784
Nbr. of units in pkg.	1
Package weight(Lbs)	13.33 oz (378.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.17 in (5.5 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	5.12 in (13 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Weight	10.88 lb(US) (4.937 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your 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