



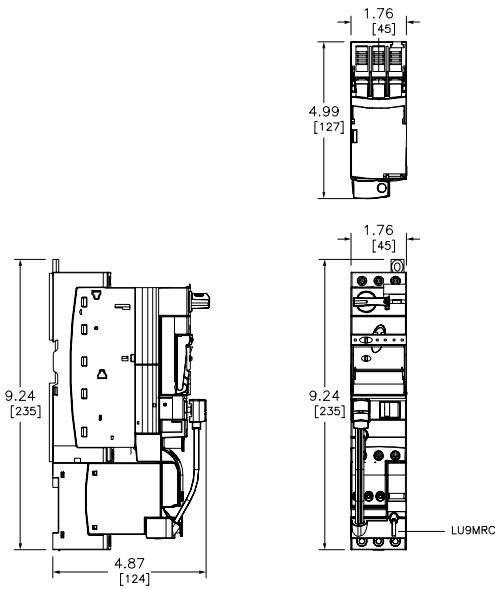
**Technical Characteristics**

|                          |   |
|--------------------------|---|
| Marketing Trade Name     | TeSys   |
| Horsepower Rating        | (3-Phase) 10HP@200/240VAC - 20HP@460VAC - 25HP@575/600VAC (1-Phase) 2HP@120VAC - 5HP@240VAC |
| Control Connection       | Screw Clamp Terminals   |
| Self Protected           | Yes   |
| Ampere Rating            | 32A   |
| Auxiliary Contacts       | 1 N.O/1 N.C   |
| Catalog Reference Number | 8502CT0201  |
| Action                   | Non-Reversing   |
| Terminal Type            | Screw Clamp   |
| Type                     | TeSys U   |
| Weight                   | 1.98 Pounds   |

**Shipping and Ordering**

|                   |              |
|-------------------|--------------|
| Category          | 22396 -      |
| Discount Schedule | I11          |
| Article Number    | 785901221814 |
| Package Quantity  | 1            |
| Weight            | 1.98 lbs.    |
| Availability Code | N            |
| Returnability     | Y            |

DUAL DIMENSIONS: INCHES  
MILLIMETERS



| VOLTAGE CODE TABLE |       |       |         |
|--------------------|-------|-------|---------|
| VOLTS              | 24    | 48-72 | 110-240 |
| DC                 | BL(2) | --    | --      |
| AC                 | B     | --    | --      |
| AC/DC              | --    | ES(3) | FU      |

- (1) VOLTAGE CODE REQUIRED ON CONTROL UNITS AND ON REVERSING POWER BASES. NON-REVERSING POWER BASES DO NOT REQUIRE VOLTAGE CODE.  
 (2) MULTIFUNCTION CONTROL UNITS AVAILABLE ONLY IN 24 Vdc.  
 (3) 48-72 Vdc; 48Vac.

| POWER BASE CATALOG NUMBER | SINGLE PHASE (1) |      | THREE PHASE |          |      |             |
|---------------------------|------------------|------|-------------|----------|------|-------------|
|                           | 120V             | 240V | 200/208V    | 220/240V | 460V | 575/600 (2) |
| LU2B12**(3)               | 1.5              | 2    | 3           | 3        | 7.5  | 10          |
| LU2B32**(3)               | 2                | 5    | 10          | 10       | 20   | 25          |

- (1) REQUIRES CONTROL UNIT LUCC\*\*\*\* OR LUCM\*\*BL FOR SINGLE PHASE APPLICATIONS.  
 (2) REQUIRES USE OF LUALB1 CURRENT LIMITER/ISOLATOR FOR 600 VAC APPLICATIONS.  
 (3) COMPLETE CATALOG NUMBER WITH APPROPRIATE VOLTAGE CODE.

TECHNICAL DATA:  
 RATINGS: LUB12/LU2B12: 12 AMPS; LUB32/LU2B32: 32 AMPS  
 UL FILE: E164871 NKJH  
 CSA FILE: LR43364 3211-08  
 MEETS STANDARDS: IEC/EN 60947-6-2; CSA C22-2 NO. 14; UL508; UL 508 TYPE E (WHEN USED WITH LU9SP0)  
 INTERRUPT RATINGS: 42kA @480V; 130kA @600V WITH LUALB1 CURRENT LIMITER  
 WEIGHT: POWER BASE: NON-REVERSING 1.98 LBS (0.9 kg)/ REVERSING: 2.80 LBS (1.27 kg)  
 CONTROL UNITS: LUCA/B/C/D: 0.31 LBS (0.14kg); LUCM: 0.38 LBS (0.175 kg)  
 WIRE SIZE: POWER: 1 CONDUCTOR: 16-8 AWG (1-6 SQ. MM)  
 CONTROL: 1 CONDUCTOR: 18-14 AWG (0.75-1.5 SQ. MM)  
 TERMINATION TYPE: SCREW TERMINAL (PHILLIPS NO. 2 OR 1/4" SLOTTED SCREWDRIVER)  
 TIGHTENING TORQUE: POWER: 15 LB-IN (1.7 Nm)  
 CONTROL: 7 LB-IN (0.8 Nm)  
 FOR ADDITIONAL PRODUCT TECHNICAL DATA, REVIEW CATALOG 8502CT0201 (LATEST VERSION).

| SETTING RANGE (AMPS) | CATALOG NUMBERS                   |  |                                    |                                    |                                |
|----------------------|-----------------------------------|--|------------------------------------|------------------------------------|--------------------------------|
|                      | STANDARD 3-PHASE CLASS 10 TRIP(1) | ADVANCED SINGLE-PHASE CLASS 10 TRIP(1) | ADVANCED 3-PHASE (1) CLASS 10 TRIP | ADVANCED 3-PHASE (1) CLASS 20 TRIP | MULTIFUNCTION PROGRAMMABLE (2) |
| 0.15-0.6             | LUCAx6**                          | LUCBx6**                               | LUCCx6**                           | LUCDx6**                           | LUCMx6BL                       |
| 0.3-1.4              | LUCA1x**                          | LUCB1x**                               | LUCC1x**                           | LUCD1x**                           | LUCM1xBL                       |
| 1.2-5.0              | LUCA05**                          | LUCB05**                               | LUCC05**                           | LUCD05**                           | LUCM05BL                       |
| 3-12                 | LUCA12**                          | LUCB12**                               | LUCC12**                           | LUCD12**                           | LUCM12BL                       |
| 4.5-18 (3)           | LUCA18**                          | LUCB18**                               | LUCC18**                           | LUCD18**                           | LUCM18BL                       |
| 8-32 (3)             | LUCA32**                          | LUCB32**                               | LUCC32**                           | LUCD32**                           | LUCM32BL                       |

DEFINITIONS:  
 STANDARD UNITS PROVIDE NO NETWORK COMMUNICATION  
 ADVANCED UNITS ALLOW CONTROL AND COMMUNICATION VIA NETWORK WITH SET FEATURES  
 MULTIFUNCTION UNITS ALLOW FULLY PROGRAMMABLE PARAMETERS, NETWORK CONTROL AND COMMUNICATION

- (1) COMPLETE CATALOG NUMBER BY ADDING APPROPRIATE CODE FROM VOLTAGE CODE TABLE.  
 (2) MULTIFUNCTION UNITS AVAILABLE ONLY IN 24Vdc.  
 (3) CONTROL UNITS FOR 4.5-18 AND 8-32 CAN BE USED ONLY WITH 32 AMP RATED POWER BASES (LUB32/LU2B32).

U-LINE  
 SELF PROTECTED MOTOR CONTROLLER  
 REVERSING



DWG#  
 NO. LU2B003