



Electrically held lighting contactor  
**300 Amp**  
**3NO / 0NC Poles**  
**Maximum voltage rating 600VAC**  
**Control voltage 240-277V AC 40-60HZ, DC**  
**NEMA Type 12 enclosure**



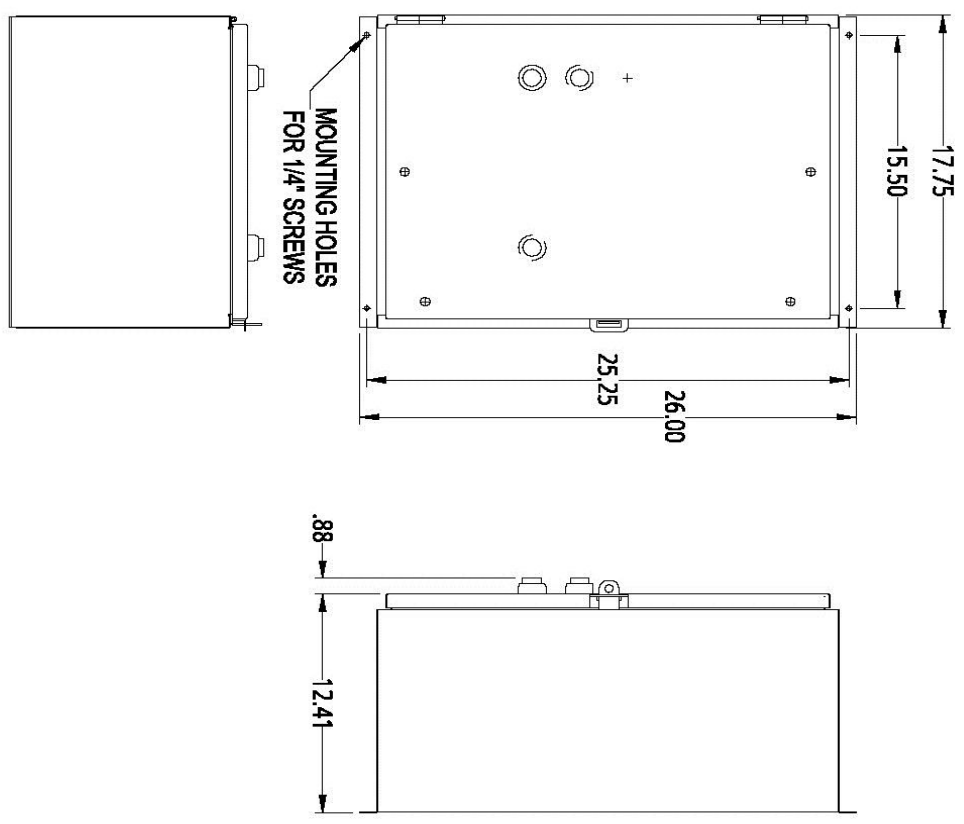
Image is representative and may not depict the actual product.

| <b>General technical data:</b>                    |   |
|---|---|
| Weight  | 113 lb  |
| Height x Width x Depth                            | 25 x 18 x 13 in.  |
| Finger-safe (main circuit / control circuit)      | NA / NA   |
| Maximum altitude                                  | 6560 ft   |
| Ambient storage temperature                       | (-55 to 80)°C / (-67 to 176)°F                              |
| Ambient operating temperature                     | (0 to 40)°C / (32 to 104)°F                                 |
| Humidity (% non-condensing)                       | 10 to 95  |
| Country of origin                                 | USA   |
| <b>Contactors:</b>                                |   |
| Number of poles                                   | 3NO / 0NC   |
| Mechanical operating cycles                       | 10,000,000  |
| <b>Current ratings:</b>                           |   |
| Tungsten (poles per phase)                        | 300A @277V 1p 1ph<br>300A @480V 2p 1ph<br>300A @480V 3p 3ph |
| Ballast (poles per phase)                         | 300A @277V 1p 1ph<br>300A @480V 2p 1ph<br>300A @480V 3p 3ph |
| General & resistive (poles per phase)             | 300A @600V 1p 1ph<br>300A @600V 2p 1ph<br>300A @600V 3p 3ph |
| <b>Internal/standard auxiliary contact:</b>       |   |
| Number of NC / NO auxiliary contacts              | 2NC / 2NO   |
| Rating  | A300 / Q300   |
| <b>Optional auxiliary contact:</b>                |   |
| Max number of NC / NO auxiliary contacts          | 2NC / 2NO   |
| Rating  | A300 / Q300   |
| <b>Coil:</b>                                      |   |
| Voltage   | 240-277V AC 40-60HZ, DC Coil                                |
| Sealed watts                                      | (no data)   |
| Inrush / sealed power                             | 590 / 6.7 VA  |
| Normal coil operating limits (% of rated voltage) | 85% - 110%  |
| Typical drop-out volts (% of rated voltage)       | (no data)   |
| Pick-up time / Drop-out time                      | (no data)   |
| <b>Disconnect type (none):</b>                    |   |
| Rating  | NA  |
| Fuse type accepted                                | NA  |

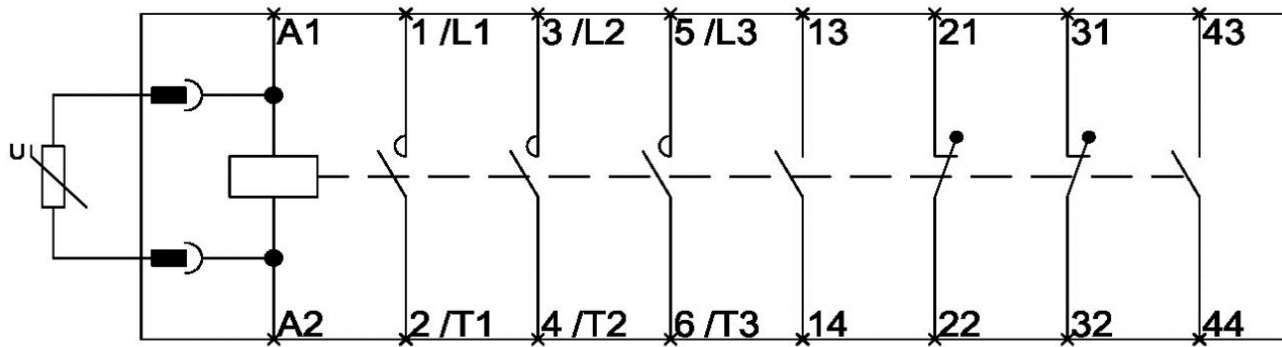
|  |                                       |
|--|---------------------------------------|
| <b>Enclosure:</b>                                  |                                       |
| Type   | NEMA Type 12 enclosure                |
| Rating   | Dust tight and drip proof for indoors |
| <b>Mounting/wiring:</b>                            |                                       |
| Mounting orientation                               | Vertical                              |
| Mounting type                                      | Surface                               |
| Line side connection type / torque                 | Screw / 180 - 195 lb-in               |
| Line side solid & stranded conductors              | 2 x (2/0 AWG - 500 MCM) 75°C CU       |
| Load side connection type / torque                 | Screw / 180 - 195 lb-in               |
| Load side solid & stranded conductors              | 2 x (2/0 AWG - 500 MCM) 75°C CU       |
| Coil connection type / torque                      | Screw / 7 - 10 lb in.                 |
| Coil solid & stranded conductors                   | 2x(18-14) CU 75°C                     |
| Main auxiliary contact connection type / torque    | Screw / 7 - 10 lb-in                  |
| Main auxiliary contact solid & stranded conductors | 2 x (18 - 14) AWG 75°C CU             |
| <b>Short circuit current rating:</b>               |                                       |
| Fuses  | 100kA@600V (Class J 400A max)         |
| Thermal magnetic circuit breaker                   | 100kA@480V; 42kA@600V (300A max CB)   |
| <b>Additional information:</b>                     |                                       |
|  | <a href="#">Brochure</a>              |

49EB70J0251813 Outline 25x18x13 NEMA 12  
49EB70JW251813 Outline 25x18x13 NEMA 4X

E87010-A0408-T005-A4-49EB



DIMENSIONS ARE IN INCHES.



LENOOF G & H Wiring Diagram