



Electrically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 3 N.O. Poles, 198VAC 50HZ/208VAC 60HZ coil, Combination type, 30A/600V fusible disconnect, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

|                                                                         |                                                                     |
|-------------------------------------------------------------------------|---------------------------------------------------------------------|
| product brand name                                                      | Class LE                                                            |
| design of the product                                                   | Electrically held lighting contactor with fusible disconnect switch |
| special product feature                                                 | Compact design; Finger safe control terminals                       |
| <b>General technical data</b>                                           |                                                                     |
| weight [lb]                                                             | 39 lb                                                               |
| Height x Width x Depth [in]                                             | 24 × 11 × 8 in                                                      |
| touch protection against electrical shock                               | NA for enclosed products                                            |
| installation altitude [ft] at height above sea level maximum            | 6560 ft                                                             |
| ambient temperature [°F]                                                |                                                                     |
| • during storage                                                        | -67 ... +176 °F                                                     |
| • during operation                                                      | 32 ... 104 °F                                                       |
| ambient temperature                                                     |                                                                     |
| • during storage                                                        | -55 ... +80 °C                                                      |
| • during operation                                                      | 0 ... 40 °C                                                         |
| country of origin                                                       | USA                                                                 |
| <b>Contactor</b>                                                        |                                                                     |
| size of contactor                                                       | 30 Amp                                                              |
| number of NO contacts for main contacts                                 | 3                                                                   |
| number of NC contacts for main contacts                                 | 0                                                                   |
| operating voltage for main current circuit at AC at 60 Hz maximum       | 600 V                                                               |
| mechanical service life (operating cycles) of the main contacts typical | 10000000                                                            |
| contact rating of the main contacts of lighting contactor               |                                                                     |
| • with electronic ballast [LED driver] (1 pole per 1 phase) rated value | 16A @120V / 8A @277V 1p 1ph                                         |
| • at tungsten (1 pole per 1 phase) rated value                          | 30A @277V 1p 1ph                                                    |
| • at tungsten (2 poles per 1 phase) rated value                         | 30A @480V 2p 1ph                                                    |
| • at tungsten (3 poles per 3 phases) rated value                        | 30A @480V 3p 3ph                                                    |
| • at ballast (1 pole per 1 phase) rated value                           | 30A @347V 1p 1ph                                                    |
| • at ballast (2 poles per 1 phase) rated value                          | 30A @600V 2p 1ph                                                    |
| • at ballast (3 poles per 3 phases) rated value                         | 30A @600V 3p 3ph                                                    |
| • at resistive load (1 pole per 1 phase) rated value                    | 30A @600V 1p 1ph                                                    |
| • at resistive load (2 poles per 1 phase) rated value                   | 30A @600V 2p 1ph                                                    |
| • at resistive load (3 poles per 3 phases) rated value                  | 30A @600V 3p 3ph                                                    |
| <b>Auxiliary contact</b>                                                |                                                                     |
| number of NC contacts at contactor for auxiliary contacts               | 1                                                                   |
| number of NO contacts at contactor for auxiliary contacts               | 1                                                                   |
| number of total auxiliary contacts maximum                              | 4                                                                   |
| contact rating of auxiliary contacts of contactor according to UL       | A600 / Q600                                                         |
| <b>Coil</b>                                                             |                                                                     |

|                                                                                                                          |                                                |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| type of voltage of the control supply voltage                                                                            | AC                                             |
| control supply voltage                                                                                                   |                                                |
| • at AC at 50 Hz rated value                                                                                             | 198 V                                          |
| • at AC at 60 Hz rated value                                                                                             | 208 V                                          |
| apparent pick-up power of magnet coil at AC                                                                              | 87 VA                                          |
| apparent holding power of magnet coil at AC                                                                              | 9.4 VA                                         |
| operating range factor control supply voltage rated value of magnet coil                                                 | 0.85 ... 1.1                                   |
| <b>Disconnect Switch</b>                                                                                                 |                                                |
| response value of switch disconnecter                                                                                    | 30A / 600V                                     |
| design of fuse holder                                                                                                    | Class R fuse clips                             |
| operating class of the fuse link                                                                                         | Class R                                        |
| <b>Enclosure</b>                                                                                                         |                                                |
| degree of protection NEMA rating of the enclosure                                                                        | NEMA 4x 304 stainless steel enclosure          |
| design of the housing                                                                                                    | dustproof, waterproof & resistant to corrosion |
| <b>Mounting/wiring</b>                                                                                                   |                                                |
| mounting position                                                                                                        | Vertical                                       |
| fastening method                                                                                                         | Surface mounting and installation              |
| type of electrical connection for supply voltage line-side                                                               | Box lug                                        |
| tightening torque [lbf-in] for supply                                                                                    | 35 ... 35 lbf-in                               |
| type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded                        | 1x (14 ... 2 AWG)                              |
| temperature of the conductor for supply maximum permissible                                                              | 75 °C                                          |
| material of the conductor for supply                                                                                     | AL or CU                                       |
| type of electrical connection for load-side outgoing feeder                                                              | Screw-type terminals                           |
| tightening torque [lbf-in] for load-side outgoing feeder                                                                 | 18 ... 22 lbf-in                               |
| type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded       | 2x (16 ... 12 AWG), 2x (14 ... 8 AWG)          |
| temperature of the conductor for load-side outgoing feeder maximum permissible                                           | 75 °C                                          |
| material of the conductor for load-side outgoing feeder                                                                  | CU                                             |
| type of electrical connection of magnet coil                                                                             | Screw-type terminals                           |
| tightening torque [lbf-in] at magnet coil                                                                                | 7 ... 10 lbf-in                                |
| type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded                      | 2x (20 ... 16 AWG), 2x (18 ... 14 AWG)         |
| temperature of the conductor at magnet coil maximum permissible                                                          | 75 °C                                          |
| material of the conductor at magnet coil                                                                                 | CU                                             |
| type of electrical connection at contactor for auxiliary contacts                                                        | Screw-type terminals                           |
| tightening torque [lbf-in] at contactor for auxiliary contacts                                                           | 7 ... 12 lbf-in                                |
| type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded | 2x (20 ... 16 AWG), 2x (18 ... 14 AWG)         |
| temperature of the conductor at contactor for auxiliary contacts maximum permissible                                     | 75 °C                                          |
| material of the conductor at contactor for auxiliary contacts                                                            | CU                                             |
| <b>Short-circuit current rating</b>                                                                                      |                                                |
| design of the fuse link for short-circuit protection of the main circuit required                                        | 100kA@600V (Class J)                           |
| certificate of suitability                                                                                               | NEMA ICS 2; UL 508                             |
| <b>Approvals Certificates</b>                                                                                            |                                                |
| <b>Test Certificates</b>                                                                                                 |                                                |



#### Further information

Industrial Controls - Product Overview (Catalogs, Brochures,...)

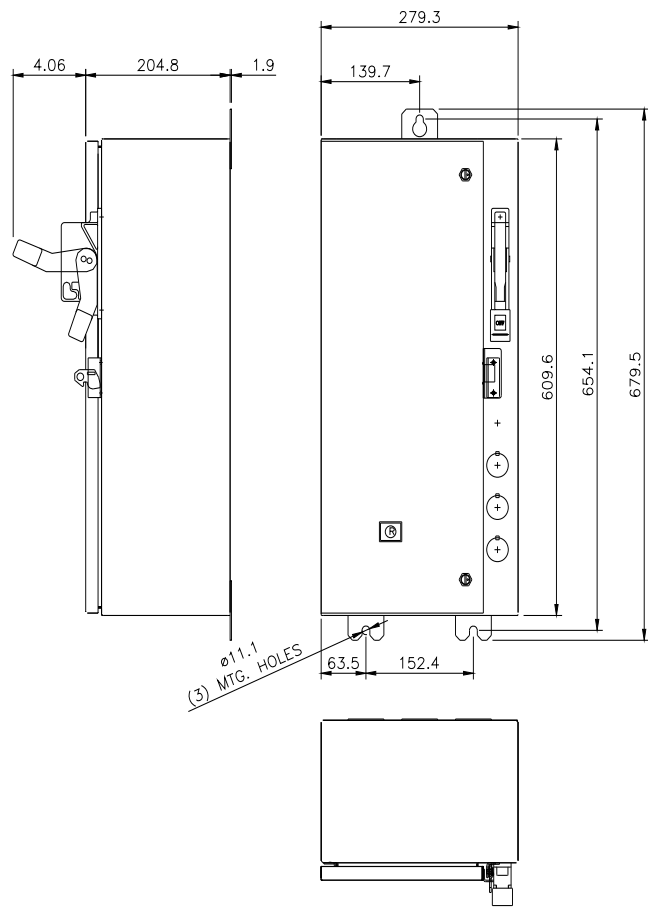
[www.usa.siemens.com/iccatalog](http://www.usa.siemens.com/iccatalog)

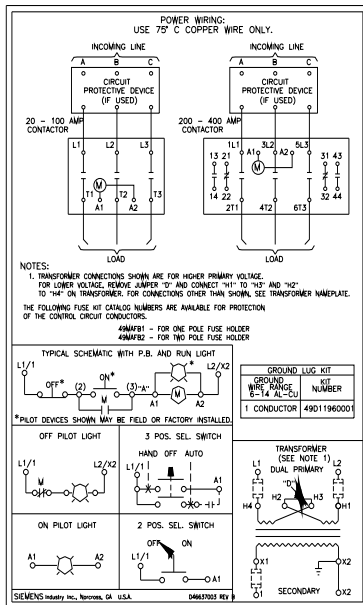
Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LEFB4C003208B>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/US/en/ps/US2:LEFB4C003208B>





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