



Electrically held lighting contactor, Contactor amp rating 60A, 0 N.C. / 3 N.O. Poles, 208VAC 50/60HZ coil, 1 NO / 1 NC auxiliary contacts Non-combination type, (no disconnect device), Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

|                                                                         |                                               |
|-------------------------------------------------------------------------|-----------------------------------------------|
| product brand name                                                      | Class LE                                      |
| design of the product                                                   | Electrically held lighting contactor          |
| special product feature                                                 | Compact design; Finger safe control terminals |
| <b>General technical data</b>                                           |                                               |
| weight [lb]                                                             | 19 lb(av)                                     |
| Height x Width x Depth [in]                                             | 16 × 13 × 6 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                                                       | Germany                                       |
| <b>Contactors</b>                                                       |                                               |
| size of contactor                                                       | 60 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                          | 60A @277V 1p 1ph                              |
| • at tungsten (2 poles per 1 phase) rated value                         | 60A @480V 2p 1ph                              |
| • at tungsten (3 poles per 3 phases) rated value                        | 60A @480V 3p 3ph                              |
| • at ballast (1 pole per 1 phase) rated value                           | 60A @347V 1p 1ph                              |
| • at ballast (2 poles per 1 phase) rated value                          | 60A @600V 2p 1ph                              |
| • at ballast (3 poles per 3 phases) rated value                         | 60A @600V 3p 3ph                              |
| • at resistive load (1 pole per 1 phase) rated value                    | 60A @347V 1p 1ph                              |
| • at resistive load (2 poles per 1 phase) rated value                   | 60A @600V 2p 1ph                              |
| • at resistive load (3 poles per 3 phases) rated value                  | 60A @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                              | 14                                            |
| contact rating of auxiliary contacts of contactor according to UL       | A600 / P600                                   |
| <b>Coil</b>                                                             |                                               |

|                                                                                                                                                                                               |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| type of voltage of the control supply voltage                                                                                                                                                 | AC                                             |
| control supply voltage                                                                                                                                                                        |                                                |
| • at DC rated value                                                                                                                                                                           | 0 ... 0 V                                      |
| • at AC at 50 Hz rated value                                                                                                                                                                  | 208 ... 208 V                                  |
| • at AC at 60 Hz rated value                                                                                                                                                                  | 208 ... 208 V                                  |
| apparent pick-up power of magnet coil at AC                                                                                                                                                   | 188 VA                                         |
| apparent holding power of magnet coil at AC                                                                                                                                                   | 16.5 VA                                        |
| operating range factor control supply voltage rated value of magnet coil                                                                                                                      | 0.85 ... 1.1                                   |
| ON-delay time                                                                                                                                                                                 | 80 ms                                          |
| OFF-delay time                                                                                                                                                                                | 10 ... 18 ms                                   |
| <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                                                                                                                                    | Screw-type terminals                           |
| tightening torque [lbf-in] for supply                                                                                                                                                         | 26 ... 39 lbf-in                               |
| type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded                                                                                             | 2x (18 ... 2 AWG), 1x (18 ... 1 AWG)           |
| temperature of the conductor for supply maximum permissible                                                                                                                                   | 75 °C                                          |
| material of the conductor for supply                                                                                                                                                          | CU                                             |
| type of electrical connection for load-side outgoing feeder                                                                                                                                   | Screw-type terminals                           |
| tightening torque [lbf-in] for load-side outgoing feeder                                                                                                                                      | 26 ... 39 lbf-in                               |
| type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded                                                                            | 2x (18 ... 2 AWG), 1x (18 ... 1 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 ... 10 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 80A max)                   |
| design of the short-circuit trip                                                                                                                                                              | Thermal magnetic circuit breaker               |
| maximum short-circuit current breaking capacity (I <sub>cu</sub> )                                                                                                                            |                                                |
| • at 240 V                                                                                                                                                                                    | 24 kA                                          |
| • at 480 V                                                                                                                                                                                    | 65 kA                                          |
| • at 600 V                                                                                                                                                                                    | 25 kA                                          |
| certificate of suitability                                                                                                                                                                    | NEMA ICS 2; UL 508                             |
| <b>Further information</b>                                                                                                                                                                    |                                                |
| <b>Industrial Controls - Product Overview (Catalogs, Brochures,...)</b>                                                                                                                       |                                                |
| <a href="http://www.usa.siemens.com/iccatalog">www.usa.siemens.com/iccatalog</a>                                                                                                              |                                                |
| <b>Industry Mall (Online ordering system)</b>                                                                                                                                                 |                                                |
| <a href="https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LEN04D003208C">https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LEN04D003208C</a>         |                                                |
| <b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b>                                                                                                                 |                                                |
| <a href="https://support.industry.siemens.com/cs/US/en/ps/US2:LEN04D003208C">https://support.industry.siemens.com/cs/US/en/ps/US2:LEN04D003208C</a>                                           |                                                |
| <b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)</b>                                                                          |                                                |
| <a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:LEN04D003208C&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:LEN04D003208C&amp;lang=en</a> |                                                |
| <b>Certificates/approvals</b>                                                                                                                                                                 |                                                |
| <a href="https://support.industry.siemens.com/cs/US/en/ps/US2:LEN04D003208C/certificate">https://support.industry.siemens.com/cs/US/en/ps/US2:LEN04D003208C/certificate</a>                   |                                                |



