## SIEMENS

## Data sheet

## US2:LCE02C301208A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 3 N.C. / 1 N.O. poles, 200-208V 60Hz coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

product brand name	Class LC
design of the product	Electrically held lighting contactor (convertible to mechanically held)
special product feature	Electrically held convertible to mechanically held; Power poles convertible between NO and NC
General technical data	
weight [lb]	19 lb
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	-22 +149 °F
<ul> <li>during operation</li> </ul>	-13 +104 °F
ambient temperature	
during storage	-30 +65 °C
<ul> <li>during operation</li> </ul>	-25 +40 °C
country of origin	USA
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	1
number of NC contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
Type of main contacts	Silver alloy, double break
mechanical service life (operating cycles) of the main contacts typical	100000
contact rating of the main contacts of lighting contactor	
<ul> <li>with electronic ballast [LED driver] (1 pole per 1 phase) rated value</li> </ul>	10A @120V / 3A @277V 1p 1ph
<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @277V 1p 1ph
<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @480V 2p 1ph
<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @480V 3p 3ph
<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	30A @347V 1p 1ph
<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	30A @600V 2p 1ph
<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	30A @600V 3p 3ph
<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @600V 1p 1ph
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	30A @600V 2p 1ph
<ul> <li>at resistive load (3 poles per 3 phases) rated value</li> </ul>	30A @600V 3p 3ph
Auxiliary contact	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of total auxiliary contacts maximum	4

Coil       Spee of voltage of the control supply voltage       AC         control supply voltage       at C       200 208 V         apparent pick-up power of magnet coil at AC       248 VA         apparent holding power of magnet coil at AC       28 VA         operating range factor control supply voltage rated value of       0.85 1.1 <b>Bedree of</b> protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         degree of protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         mounting position       Vertical         mounting position       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-type terminals         tightening incrue [Uf-in] for supply       35 35 lbr/in         type of electrical connection for supply maximum permissible       75 °C         Cu       Uppe of electrical connection for load-side outgoing feeder         Storew-type terminals       116 16 NBC         tightening torque [Uf-in] for load-side outgoing feeder       24 (1 8 AWG)         tore of electrical connection for load-side outgoing feeder       25 °C         tore outgoing feeder stighe or mult-stranded       24 (1 8 AWG)         tightening torque [Uf-in] for load-	
A result       A result       200 208 V         apparent holds up power of magnet coil at AC       248 VA         apparent holds up power of magnet coil at AC       248 VA         opparent holds up power of magnet coil at AC       248 VA         opparent holds up power of magnet coil at AC       28 VA         opparent holds up power of magnet coil at AC       28 VA         opparent holds up power of magnet coil at AC       28 VA         degree of protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         degree of protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         mounting position       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-type terminals         tightening torque [Ib/in] for supply       35 35 lb/in         type of connectable conductor ross-sections at line-side for 2x (14 8 AWG)         AWG cables single or multi-stranded       Screw-type terminals         tightening torque [Ib/in] for load-side outgoing feeder       35 35 lb/in         type of electrical connection for load-side outgoing feeder       35 35 lb/in         type of electrical connection for load-side outgoing feeder       35 35 lb/in         type of electrical connection for	
• at AC at 60 Hz rated value     200 208 V       apparent pick-up power of magnet coil at AC     248 VA       apparent holding power of magnet coil at AC     28 VA       operating range factor control supply voltage rated value of magnet coil     0.85 1.1       degree of protection NEMA rating of the enclosure     NEMA Type 3R (convertible), 4, 12 enclosure       degree of protection NEMA rating of the enclosure     NEMA Type 3R (convertible), 4, 12 enclosure       degree of protection NEMA rating of the enclosure     NEMA Type 3R (convertible), 4, 12 enclosure       mounting position     Vertical       fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side     Screw-type terminals       tightening torque [bfrin for supply     24 x (14 8 AWG)       AWG cables single or multi-stranded     CU       temperature of the conductor for supply maximum permissible     75 °C       material of the conductor for load-side outgoing feeder     Screw-type terminals       tightening torque [bfrin fin (tord-side outgoing feeder     Sur (14 8 AWG)       tore of the conductor for load-side outgoing feeder     Strew-type terminals       tightening torque [bfrin fin (tord-side outgoing feeder     Sur (4 8 AWG)       type of electrical connection of magnet coil     Sarew-type terminals       tightening torque [bfrin fin (tord-side outgoing feeder     Sur (4 8 AWG)	
apparent holding power of magnet coil at AC       248 VA         apparent holding power of magnet coil at AC       28 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1         Enclosure       0.85 1.1         degree of protection NEMA rating of the enclosure       0.85 1.1         design of the housing       Dust-light, watertight & weather proof         Mounting/wiring       Dust-light, watertight & weather proof         mounting position       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-type terminals         tightening torque [lbFin] for supply       35 35 lbFin         VAVC cables single or multi-stranded       2k (14 8 AVKG)         type of electrical connector for load-side outgoing feeder       35 35 lbFin         type of electrical connector for load-side outgoing feeder       35 35 lbFin         type of electrical connector for load-side outgoing feeder       2k (14 8 AVKG)         type of electrical connector for load-side outgoing feeder       75 °C         type of electrical connector for load-side outgoing feeder       2k (14 8 AVKG)         type of electrical connector for load-side outgoing feeder       2k (14 18 MVG)         type of electrical connector	
Interference       28 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1         Enclosure       0.85 1.1         degree of protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         degree of protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         degree of protection NEMA rating of the enclosure       Dust-tight, watertight & weather proof         Mounting/wring       Dust-tight, watertight & weather proof         Mounting position       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side for       2x (14 8 AWG)         AVG cables single or multi-stranded       75 °C         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       2x (14 8 AWG)         type of electrical connection for load-side outgoing feeder       3z 35 lbf in         type of electrical connection for load-side outgoing feeder       2x (14 8 AWG)         tightening torque [lbf-in] for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       2x (14 8 AWG) <td></td>	
Image and a factor control supply voltage rated value of magent coll       0.85 1.1         Enclosure       0.85 1.1         degree of protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         design of the housing       Dust-light, watertight & weather proof         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       25 35 lbf in         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       35 35 lbf in         type of connectable conductor for load-side outgoing feeder       2x (14 8 AWG)         type of connectable conductor for load-side outgoing feeder       35 35 lbf in         type of connectable conductor for load-side outgoing feeder       2x (14 8 AWG)         for load-side outgoing feeder       75 °C         maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       2x (14 8 AWG)         type of electrical connection of magnet coil       55 re         type of electrical connection of magnet coil       75 °C         material of the conductor for load-side outgoing	
magnet coll         Enclosure         degree of protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         design of the housing       Dust-tight, watertight & weather proof         Mounting/wiring       mounting position         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-type terminals         tightening torque [lbf-in] for supply       35 35 lbf-in         YWe cobles single or multi-stranded       2x (14 8 AWCG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       35 35 lbf-in         type of electrical connection for load-side outgoing feeder       32 x (14 8 AWG)         temperature of the conductor for load-side outgoing feeder       35 35 lbf-in         type of electrical connection for load-side outgoing feeder       35 x (14 8 AWG)         for load-side outgoing feeder       75 °C         maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       20 x (14 8 AWG)         type of connectable conductor for load-side outgoing feeder       20 x (14 8 AWG)         type of electrical connection of magnet coil       15 s 15 lbf-in         type o	
degree of protection NEMA rating of the enclosure         NEMA Type 3R (convertible), 4, 12 enclosure           design of the housing         Dust-tight, watertight & weather proof           Mounting/wiring	
design of the housing       Dust-tight, watertight & weather proof         Mounting/wiring       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       35 35 lbf-in       2x (14 8 AWG)         AWG cables single or multi-stranded       75 °C         material of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       35 35 lbf-in         type of electrical connection for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for supply CU       CU         type of connectable conductor for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for load-side outgoing feeder       75 °C         maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         maximum permissible       Screw-type terminals         tightening torque [lbf-in] at magnet coil       15 15 lbf-in         type of electrical connection of magnet coil       2x (14 8 AWG)         for connectable conductor at magnet coil for	
Mounting/wiring         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         35           type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         2x (14 8 AWG)           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for supply coulding feeder         Screw-type terminals           type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder         35 35 lbf-in           type of electrical connection for load-side outgoing feeder         75 °C           temperature of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor roms-sections of magnet coil of 2x (18 15 lbf-in         2x (18 14 AWG)           AWG cables single or multi-stranded         2x (18 14 AWG)	
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         35 35 lbf in           type of connectable conductor for supply maximum permissible         2x (14 8 AWG)           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for supply deduct cores-sections for AWG cables         Screw-type terminals           tightening torque [lbf in] for load-side outgoing feeder         35 35 lbf in           type of electrical connection for load-side outgoing feeder         35 35 lbf in           type of electrical connection for load-side outgoing feeder         35 35 lbf in           type of electrical connection for load-side outgoing feeder         35 35 lbf in           type of electrical connection for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         CU           type of electrical connectable on ductor for load-side outgoing feeder         CU           type of electrical connectable on ductor for load-side outgoing feeder         CU           type of electrical connectable on ductor for supply         2x (14 8 AWG)           distingtheming torque [lbf in] at magnet coil         15 15 l	
fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-type terminals         tightening torque [lbf-in] for supply       35 35 lbf-in         Ype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded       2x (14 8 AWG)         temperature 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       35 35 lbf-in         type of connectable conductor for supply       CU         type of connectable conductor for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for load-side outgoing feeder       2x (14 8 AWG)         for load-side outgoing feeder single or multi-stranded       2x (14 8 AWG)         temperature of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       CU         type of electrical connectable conductor cross-sections of magnet coil       15 15 lbf-in         type of electrical connectable conductor at magnet coil for       2x (18 14 AWG)         AWG cables single or multi-stranded       2x (18 14 AWG)         tem	
type of electrical connection for supply voltage line-sideScrew-type terminalstightening torque [lbf:in] for supply35 35 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded2x (14 8 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyCUtype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder35 35 lbf-intightening torque [lbf-in] for load-side outgoing feeder35 35 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (14 8 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Ctype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil15 15 lbf-intype of electrical connectable conductor rat magnet coil for AWG cables single or multi-stranded2x (18 14 AWG)two cables single or multi-strandedCUtheremerature of the conductor at magnet coilCUtightening torque [lbf-in] at magnet coilCUShort-circuit current ratingCudesign of the short-circuit protection of the main circuit required100kA@600V (Class R or J 40A max)<	
tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side for       2x (14 8 AWG)         AWG cables single or multi-stranded       75 °C         material of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       Screw-type terminals         tightening torque [lbf-in] for load-side outgoing feeder       35 35 lbf-in         type of electrical connection for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       2x (14 8 AWG)         type of electrical connectable conductor cross-sections of magnet coil       5 15 lbf-in         type of connectable conductor at magnet coil maximum       75 °C         material of the conductor	
Uppe of connectable conductor cross-sections at line-side for       2x (14 8 AWG)         AWG cables single or multi-stranded       2x (14 8 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       Screw-type terminals         tightening torque [lbf-in] for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for load-side outgoing feeder       2x (14 8 AWG)         tightening torque [lbf-in] for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       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       15 15 lbf-in         type of connectable conductor at magnet coil maximum       75 °C         wWG cables single or multi-stranded       2x (18 14 AWG)         temperature of the conductor at magnet coil maximum       75 °C         material of the conductor at magnet coil       CU         Short-circuit current rating       100kA@600V (Class R or J 40A max) </td <td></td>	
AWG cables single or multi-stranded       75 °C         material 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       35 35 lbf in         type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded       75 °C         temperature of the conductor for load-side outgoing feeder maximum permissible       75 °C         material of the conductor for load-side outgoing feeder maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       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       15 15 lbf in         type of connectable conductor at magnet coil maximum       2x (18 14 AWG)         AWG cables single or multi-stranded       CU         temperature of the conductor at magnet coil maximum       75 °C         material of the conductor at magnet coil <td< td=""><td></td></td<>	
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       35 35 lbf-in         type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded       2x (14 8 AWG)         temperature of the conductor for load-side outgoing feeder       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       15 15 lbf-in         type of connectable conductor at magnet coil maximum permissible       2x (18 14 AWG)         AWG cables single or multi-stranded       2x (18 14 AWG)         temperature of the conductor at magnet coil maximum permissible       CU         type of the conductor at magnet coil       CU         Short-circuit current rating       CU         design of the short-circuit protection of the main circuit required       100kA@600V (Class R or J 40A max)         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit trip       24 kA	
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder35 35 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (14 8 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder cut type of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil15 15 lbf-intype of connectable conductor ross-sections of magnet coil for AWG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil or AWG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUShort-circuit current ratingCUdesign of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class R or J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V24 kA	
tightening torque [lbf-in] for load-side outgoing feeder35 35 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (14 8 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil15 15 lbf-intype of connectable conductor at magnet coil maximum permissible75 °CawdG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the sconductor at magnet coilCUShort-circuit current ratingCUdesign of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class R or J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu) • at 240 V24 kA	
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (14 8 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil15 15 lbf-intype of connectable conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cdesign of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class R or J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu) • at 240 V24 kA	
for load-side outgoing feeder single or multi-stranded75 °Ctemperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil15 15 lbf-intype of connectable conductor cross-sections of magnet coil of AWG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUShort-circuit current ratingCUdesign of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class R or J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V24 kA	
maximum permissibleCUmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil15 15 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUShort-circuit current rating100kA@600V (Class R or J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V24 kA	
type of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil15 15 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUShort-circuit current ratingCUdesign of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class R or J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V24 kA	
tightening torque [lbf·in] at magnet coil15 15 lbf·intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUShort-circuit current ratingdesign of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class R or J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V24 kA	
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded       2x (18 14 AWG)         temperature of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil       CU         Short-circuit current rating       design of the fuse link for short-circuit protection of the main circuit required       100kA@600V (Class R or J 40A max)         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu) • at 240 V       24 kA	
AWG cables single or multi-stranded       4         temperature of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil       CU         Short-circuit current rating       CU         design of the fuse link for short-circuit protection of the main circuit required       100kA@600V (Class R or J 40A max)         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu)       24 kA	
permissible       CU         material of the conductor at magnet coil       CU         Short-circuit current rating       design of the fuse link for short-circuit protection of the main circuit required         design of the short-circuit trip       100kA@600V (Class R or J 40A max)         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu)       24 kA	
Short-circuit current rating         design of the fuse link for short-circuit protection of the main circuit required       100kA@600V (Class R or J 40A max)         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu)       24 kA	
design of the fuse link for short-circuit protection of the main       100kA@600V (Class R or J 40A max)         circuit required       Thermal magnetic circuit breaker         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu)       24 kA	
circuit required     Thermal magnetic circuit breaker       design of the short-circuit trip     Thermal magnetic circuit breaker       maximum short-circuit current breaking capacity (Icu)     24 kA	
maximum short-circuit current breaking capacity (Icu)       • at 240 V       24 kA	
• at 240 V 24 kA	
• at 480 V 65 kA	
• at 600 V 25 kA	
certificate of suitability NEMA ICS 2; UL 508	
Approvals Certificates	
Test Certificates	



Industrial Controls - Product Overview (Catalogs, Brochures,...) www.usa.siemens.com/iccatalog Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE02C301208A

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

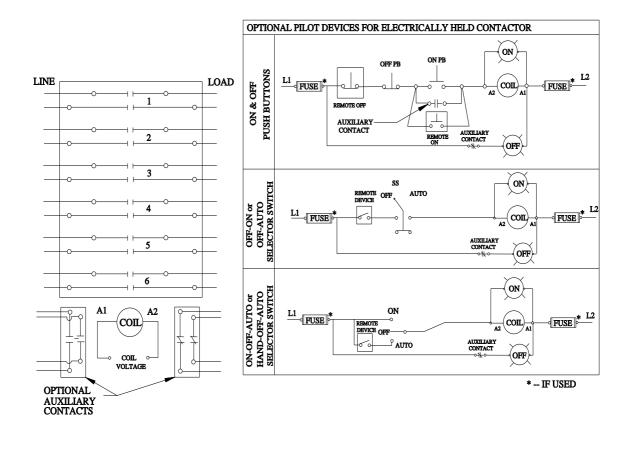
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C301208A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE02C301208A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C301208A/certificate





D38297001

last modified:

6/3/2024