## SIEMENS

## Data sheet

## US2:LCE02C602347A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 6 N.C. / 2 N.O. poles, 347V 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
during operation	-25 +40 °C
country of origin	USA
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	2
number of NC contacts for main contacts	6
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

Coll       Spe of voltage of the control supply voltage       AC         control supply voltage       AC       AC         apparent holding power of magnet coll at AC       248 VA         apparent holding power of magnet coll at AC       248 VA         operant holding power of magnet coll at AC       248 VA         operant holding power of magnet coll at AC       28 VA         operating range factor control supply voltage rated value of magnet coll       0.85 1.1         Enclosure       Dest-initial value of magnet coll at AC         degree of protection NEMA rating of the enclosure       Dust-tight, watertight & weather proof         Mountingy obstion       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side for       2x (14 8 AWG)         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       75 °C         rol connectable conductor ross-sections for AWC cables       2x (14 8 AWG)         type of electrical connection for load-side outgoing feeder       35 35 lbrin         type of electrical connection for load-side outgoing feeder       35 35 lbrin         type of electrical connection of magnet coll       52 °C         tightening torue [Ipfin] of ma	contact rating of auxiliary contacts of contactor according to UL	NA	
A AC at 60 Hz rated value       347 347 V         apparent pick-up power of magnet coil at AC       248 VA         apparent pick-up power of magnet coil at AC       28 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1         fragmet coil       0.85 1.1         degree of protection NEMA rating of the enclosure       NEMA Type 3R (convertible), 4, 12 enclosure         design of the housing       Dusktight, watertight & weather proof         Mounting/wring       mounting position         fastening method       Surface mounting and installation         Vpe of electrical connectable conductor cross-sections at line-side for 2x (14 8 AVG)         AWG acables single or multi-stranded       Screw-type terminals         tightening torque (Ipt-In) for supply       CU         type of connectable conductor ros-sections for AWG cables       2x (14 8 AWG)         r/red conductor for supply mountum permissible       75 °C         material of the conductor for load-side outgoing feeder       35	Coil		
• at AC at 60 Hz rated value347 347 Vapparent hick-up power of magnet coil at AC248 VAoperating range factor control supply voltage rated value of magnet coil28 VAdesign of the housing0.85 1.1design of the housingDust-tight, waterlight & weather proofdesign of the housingVerticalmounting positionVerticalfasterning methodScrew-type terminalstype of electrical connection for supply voltage line-sideScrew-type terminalstightening torque [lbf-in] for supply35 35 lbF-intype of electrical connection for supply maximum permissible75 °Cmaterial of the conductor for supply maximum permissible55 rew-type terminalstightening torque [lbf-in] for lad-side outgoing feeder55 35 lbF-intype of electrical connection for lad-side outgoing feeder57 °Cmaterial of the conductor for lad-side outgoing feeder57 °Ctorl dad-side outgoing feeder57 °Ctorl dad-side outgoing feeder57 °Ctorl dad-side outgoing feeder75 °Ctorl dad-side outgoing feeder57 °Ctype of electrical connection for lad-side outgoing feeder50 °Ctype of connectable conductor for lad-side outgoing feeder50 °Ctype of connectable conductor for lad-side outgoing feeder50 °Ctype of connectable conductor for lad-side outg	type of voltage of the control supply voltage	AC	
apparent pick-up power of magnet coil at AC         248 VA           apparent holding power of magnet coil at AC         28 VA           operating transpl factor control supply voltage rated value of         0.85 1.1           Berdisour         0.85 1.1           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         Total Surface mounting and installation           type of electrical connection for supply voltage line-side         Screw-type terminals           tightening torque [tbrin] for supply maximum permissible         Zx (14 & AWG)           AWC cables single or multi-stranded         Screw-type terminals           tightening torque [tbrin] for load-side outgoing feeder         Screw-type terminals           tightening torque [tbrin] for load-side outgoing feeder         Screw-type terminals           tightening torque [tbrin] for load-side outgoing feeder         Screw-type terminals           tightening torque [tbrin] for load-side outgoing feeder         Screw-type terminals           tightening torque [tbrin] at magnet coil         Screw-type terminals           tightening torque [tbrin] at magnet coil         Screw-type terminals           tightening torque [tbrin] at magnet coil         Screw-type terminals           tigh	control supply voltage		
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           Enclosure         NEMA Type 3R (convertible), 4, 12 enclosure           degree of protection NEMA rating of the enclosure         NEMA Type 3R (convertible), 4, 12 enclosure           design of the housing         Dusk-light, waterlight & weather proof           Mounting/wring         Dusk-light, waterlight & 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 [tik-in] for supply maximum permissible         Zx (14 8 AWG)           Yee of onnectable conductor orsupply.         CU           type of electrical connection for load-side outgoing feeder         Screw-type terminals           tightening torque [tik-in] for load-side outgoing feeder         Screw-type terminals           tightening torque [tik-in] at magnet coil         Screw-type termina		347 347 V	
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         Dust-tight, watertight & weather proof           Mounting/witing         Dust-tight, watertight & weather proof           Mounting/witing         Vertical           mouning position         Vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Screw-type terminals           tightening torque [tik-in] for supply         35 35 lbFin           type of one-cable conductor orse-sections at line-side for         2x (14 8 AWG)           VWG cables single or multi-stranded         Screw-type terminals           tightening torque [tik-in] for toad-side outgoing feeder         35 35 lbFin           type of electrical connection for load-side outgoing feeder         35 35 lbFin           type of electrical connection for load-side outgoing feeder         35 35 lbFin           type of electrical connection of nod-side outgoing feeder         35 35 lbFin           type of electrical connection of magnet coil         5 crew-type terminals           tightening torque [tik-in] at magnet coil         5 crew-type terminals <td>apparent pick-up power of magnet coil at AC</td> <td>248 VA</td>	apparent pick-up power of magnet coil at AC	248 VA	
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 position       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-type terminals         tightening torque [lbf-in] for supply       35 35 lbFin         type of electrical connection cross-sections at line-side for       2x (14 8 AWG)         AWG cables single or multi-stranded       Screw-type terminals         temperature of the conductor for supply maximum permissible       75 °C         to conductor for supply maximum permissible       75 °C         to conductor for supply maximum permissible       75 °C         to conductor for load-side outgoing feeder       35 35 lbFin         type of electrical connection for load-side outgoing feeder       25	apparent holding power of magnet coil at AC	28 VA	
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         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         Valtage line-side         Screw-type terminals         Xx(14 8 AWG)           WQC cables single or multi-stranded         Xx (14 8 AWG)         XX(14 8 AWG)         Xx(14 8 AWG)           type of electrical connection for supply maximum permissible         75 °C         material of the conductor for supply         CU           type of electrical connection for load-side outgoing feeder         35 35 lbf-in         Yype of alectrical connection for load-side outgoing feeder         32 35 lbf-in           type of alectrical connection for load-side outgoing feeder         32 35 lbf-in         22 x (14 8 AWG)           maximum permissible         75 °C         Tremaximum permissible         Tremaximum permissible           material of the conductor for load-side outgoing feeder         32 43 lbf-in         22 x (14 8 AWG)           type of electrical connection of magnet coil         15 15 lbf-in         2 x (14 8 AWG)	operating range factor control supply voltage rated value of	0.85 1.1	
design of the housing     Dust-light, waterlight & 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 [librin] for supply     35 35 librin       type of electrical connection for supply naximum permissible     Zx (14 8 AWG)       type of electrical connection for supply maximum permissible     75 °C       material of the conductor for supply     CU       type of electrical connection for load-side outgoing feeder     35 35 librin       type of electrical connection for load-side outgoing feeder     35 35 librin       type of electrical connection for load-side outgoing feeder     35 35 librin       type of electrical connection for load-side outgoing feeder     35 35 librin       type of electrical connection of magnet coil     Screw-type terminals       tightening torque [librin] 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 14 AWG)       type of electrical connection of magnet coil     Screw-type terminals       tightening torque [librin]	· · · · · · · · · · · · · · · · · · ·		
Mounting/wiring       Vertical         mounting position       Vertical         fastening method       Surface mounting and installation         type of electrical connectable conductor rosupply voltage line-side       Surracemounting not pressure terminals         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 supply maximum permissible       75 °C         tightening torque [lbf-in] for load-side outgoing feeder       56 35 lbf-in         type of electrical connection for load-side outgoing feeder       57 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       50 °C         type of connectable conductor for load-side outgoing feeder       75 °C         type of connectable conductor for load-side outgoing feeder       22 x (14 8 AWG)         type of electrical connection of magnet coil       15 15 lbf-in         type of connectable conductor at magnet coil       15 14 AWG)         AWG cables single or multi-stranded	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 [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         25 35 lbf-in           type of connectable conductor cross-sections for AVG cables         75 °C           for load-side outgoing feeder         35 35 lbf-in           type of connectable conductor for load-side outgoing feeder         25 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         21 (1 8 AWG)           type of electrical connection of magnet coil         15 15 lbf-in           type of connectable conductor and magnet coil         5 75 °C           material of the conductor for load-side outgoing feeder         22 (1 8 14 AWG)           AVG cables single or multi-stranded         27 °C           gengr	design of the housing	Dust-tight, watertight & weather proof	
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 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 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 electrical connection for load-side outgoing feeder       75 °C         temperature of the conductor 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         type of electrical connection of magnet coil       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)         type of electrical connection of magnet coil       2x (14 14 AWG)         type of onnectable conductor at magnet coil       15 15 lbf-in         type of electri	Mounting/wiring		
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 supply (Lgt)CUtype of electrical connection for load-side outgoing feeder35 35 lbf-intype of connectable conductor for load-side outgoing feeder35 35 lbf-intype of onnectable conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cfor load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connectuon of magnet coil5crew-type terminalstightening torque [lbf-in] at magnet coil15 15 lbf-intype of electrical connectuon 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 maximum permissible75 °Cmaterial of the conductor at magnet coil of the main circuit required75 °CAWG cables single or multi-stranded2x (14 14 AWG)tightening torque [lbf-in] at magnet coilCUShort-circuit current rating100kA@600V (Class R or J 40A max)design of the short-circuit	mounting position	Vertical	
Ightening torque [lbf in] for supply       35 35 lbf in         Vpe 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       CU         type of electrical connection for load-side outgoing feeder       35 35 lbf in         tightening torque [lbf in] for load-side outgoing feeder       35 35 lbf in         type of connectable conductor for sos-sections for AWG cables       2x (14 8 AWG)         for load-side outgoing feeder       35 35 lbf in         type of connectable conductor 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       CU         type of electrical connectable conductor rors-sections of magnet coil       5 15 lbf in         type of connectable conductor at magnet coil       5 15 lbf in         type of the conductor at magnet coil       5 15 lbf in         type of electrical connectable conductor at magnet coil       2x (18 14 AWG)         AWG cables single or multi-stranded       CU         temperature of the conductor at magnet coil       CU	fastening method	Surface mounting and installation	
Type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded2x (14 8 AWG)temperature of the conductor for supplyCUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder35 35 lbf intype of connectable conductor for load-side outgoing feeder2x (14 8 AWG)tor load-side outgoing feeder35 35 lbf intype of connectable conductor for load-side outgoing feeder2x (14 8 AWG)tor load-side outgoing feeder single or multi-stranded75 °Ctemperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederCUtype of connectable conductor cross-sections of magnet coil15 15 lbf·intype of connectable conductor at magnet coil2x (18 14 AWG)AWG cables single or multi-stranded75 °Ctemperature of the conductor at magnet coil maximum75 °Cpermissible2x (18 14 AWG)AWG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil maximum75 °Cgentarial of the conductor at magnet coil maximum75 °Cmaterial of the conductor at magnet coil maximum75 °Cgentarial of the conductor at magnet coil maximum75 °Cmaterial of the conductor at magnet coilCUShort-circuit current rating100kA@600V (Class R or J 40A max)design of the fuse link for	type of electrical connection for supply voltage line-side	Screw-type terminals	
AWG cables single or multi-stranded       75 °C         material of the conductor for supply maximum permissible       75 °C         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 rorss-sections for AWG cables       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       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 rats-sections of magnet coil of Cu       2x (18 14 AWG)         AWG cables single or multi-stranded       CU         temperature of the conductor at magnet coil maximum permissible       CU         temperature of the conductor at magnet coil maximum permissible       2x (18 14 AWG)         temperature 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)         circuit required       tat 480 V       <	tightening torque [lbf·in] for supply	35 35 lbf·in	
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 AVVG cables       2x (14 8 AWG)         for load-side outgoing feeder single or multi-stranded       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       Screw-type terminals         tightening torque [lbf-in] at magnet coil       Screw-type terminals         tightening torque of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil       Screw-type terminals         tightening torque [lbf-in] at magnet coil       Screw-type terminals         tightening torque [lbf-in] at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil maximum permissible       75 °C         design of the fuse link for short-circuit protection of the main circuit required       CU         design of the fuse link for short-circuit protection of the main circuit trequired       100kA@600V (Class R or J 40A max)         design of the short-circuit trip       Thermal magnetic circuit breaker		2x (14 8 AWG)	
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 maximum permissibleCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf in] at magnet coil15 15 lbf intype of connectable conductor arross-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 maximum design of the fuse link for short-circuit protection of the main circuit required75 °Cdesign of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class R or J 40A max)edign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V24 kA• at 480 V • at 480 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	temperature of the conductor for supply maximum permissible	75 °C	
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 cross-sections of magnet coil for AWG cables single or multi-stranded75 °Ctemperature 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)edign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V24 kAeat 480 V • at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	material of the conductor for supply	CU	
Upper 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 maximum permissibleCUtype of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil5 crew-type terminalstype of connectable conductor at magnet coil material of the conductor at magnet coil maximum permissible2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Cdesign of the short-circuit protection of the main circuit requiredCUtorue tarting100kA@600V (Class R or J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V • at 480 V • at 480 V • at 480 V24 kAeat 600 V • at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	type of electrical connection for load-side outgoing feeder	Screw-type terminals	
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 at magnet coil maximum permissible2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cdesign of the fuse link for short-circuit protection of the main circuit requiredCUdesign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V • at 480 V • at 480 V24 kAeat 600 V • at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	tightening torque [lbf·in] for load-side outgoing feeder	35 35 lbf·in	
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 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 (Icu)24 kA• at 240 V24 kA• at 600 V25 kA• at 600 VNEMA ICS 2; UL 508		2x (14 8 AWG)	
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 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)24 kA• at 240 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508		75 °C	
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 (Icu)24 kA• at 240 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	material of the conductor for load-side outgoing feeder	CU	
type 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 (Icu)24 kA• at 480 V • at 600 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals	
AWG cables single or multi-stranded75 °Ctemperature 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 (Icu)24 kA• at 240 V24 kA• at 480 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	tightening torque [lbf·in] at magnet coil	15 15 lbf·in	
permissibleCumaterial of the conductor at magnet coilCUShort-circuit current rating100kA@600V (Class R or J 40A max)design 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• at 480 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508		2x (18 14 AWG)	
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         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508		75 °C	
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         • at 240 V       24 kA         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508	material of the conductor at magnet coil	CU	
circuit requiredCircuit requireddesign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu)24 kA• at 240 V24 kA• at 480 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	Short-circuit current rating		
maximum short-circuit current breaking capacity (Icu)       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	<b>o</b>	100kA@600V (Class R or J 40A max)	
• at 240 V       24 kA         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508	design of the short-circuit trip	Thermal magnetic circuit breaker	
• at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (Icu)		
• at 600 V 25 kA certificate of suitability NEMA ICS 2; UL 508	• at 240 V	24 kA	
certificate of suitability NEMA ICS 2; UL 508	• at 480 V	65 kA	
	• at 600 V	25 kA	
Approvals Certificates	certificate of suitability	NEMA ICS 2; UL 508	
	Approvals Certificates		
Test Certificates			



## Further information

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:LCE02C602347A

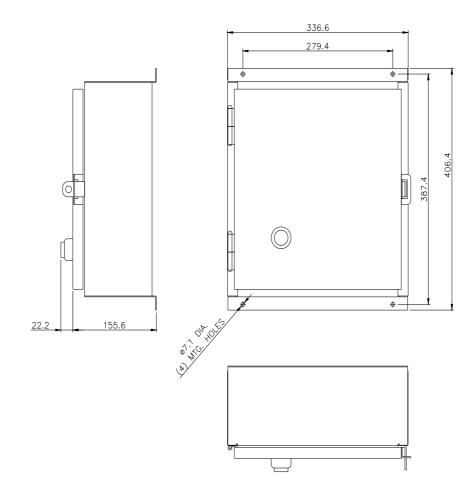
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

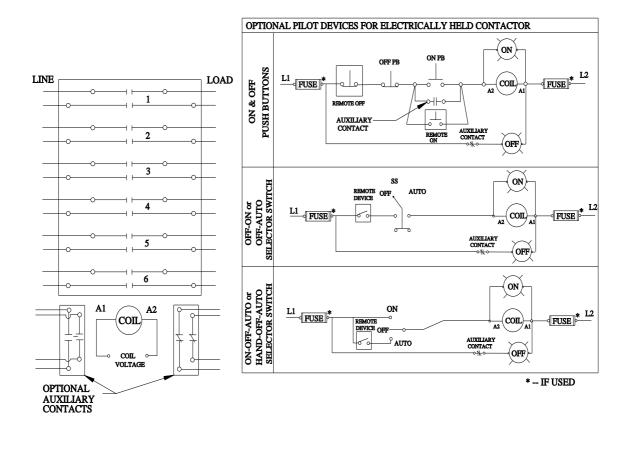
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C602347A

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:LCE02C602347A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C602347A/certificate





D38297001

last modified: