## SIEMENS

## Data sheet

## US2:LCE02C201024A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 1 N.O. poles, 24V 60Hz / 20V 50Hz 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
during operation	-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	1
number of NC contacts for main contacts	2
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
uxiliary contact	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0

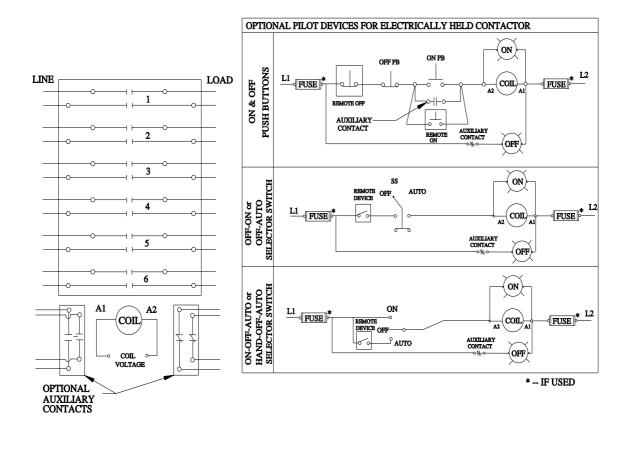
Coll       Second Supply voltage       AC         control supply voltage       at AC at 50 Hz rated value       20 V         • at AC at 50 Hz rated value       24 V         apparent bickup power of magnet coil at AC       28 VA         apparent bickup power of magnet coil at AC       28 VA         operating 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       NetKaT type 3R (convertible), 4, 12 enclosure         degree of protection NEMA rating of the enclosure       NetKaT type 3R (convertible), 4, 12 enclosure         Mounting/wring       Dust-tight, watertight & waterter proof         Mounting position       Vertical         Surface mounting and installation       Surface mounting and installation         type of electrical connection for supply voltage line-side for AWC cables is for a Surface mounting and installation       Surface mounting and installation         type of electrical connection for bod-side outgoing feeder       Surface mounting and installation         type of electrical connection for load-side outgoing feeder       Sur-Supple         material of the conductor for supply       Surface mains is 116 and 120 and	contact rating of auxiliary contacts of contactor according to UL	NA
type of voltage of the control supply voltage         AC           control supply voltage         20 V           • at A C at 60 Hz rated value         24 V           apparent holicing power of magnet coil at AC         28 VA           apparent holicing power of magnet coil at AC         28 VA           operating range factor control supply voltage rated value of magnet coil         0.85 1.1           magnet coil         0.85 1.1           Enclosure         Desktight, watertight & weather proof           Mounting position         Vertical           fastening method         Surface mounting and installation           type of connectable conductor cross-sections at line-side for         2x (14 8 AWG)           type of connectable conductor cross-sections at line-side for         2x (14 8 AWG)           type of connectable conductor cross-sections for AWG cables         2x (14 8 AWG)           AVW cables angle or multi-standed         75 °C           material of the conductor for supply maximum permissible         75 °C           rolation for load-side outgoing feeder         75 °C           trademater of the conductor for load-side outgoing feeder         75 °C           trademater of the conductor for load-side outgoing feeder         75 °C           trademater of the conductor for load-side outgoing feeder         75 °C		
control supply voltage       20 V         • it AC at 50 Hz rated value       20 V         • at AC at 50 Hz rated value       24 V         apparent pick-up power of magnet coil at AC       24 VA         apparent bloing power of magnet coil at AC       28 VA         operating range factor control supply voltage rated value of magnet coil       28 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1         finance       Dust-tight, watertight & weather proof         Mounting/wing       Dust-tight, watertight & weather proof         mounting position       Vertical         fastering method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-type terminals         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       75 °C         temperature of the conductor for supply maximum permissible       75 °C         tightening torque [bin fin totad-side outgoing feeder       55 51 bin in         type of electrical connection for load-side outgoing feeder       55 51 bin in         type of electrical connection for load-side outgoing feeder       57 °C         material of the conductor for supply maximum permissible       75 °C		AC
• at AC at 80 Hz rated value     20 V       • at AC at 80 Hz rated value     24 V       apparent pickup power of magnet coil at AC     28 VA       apparent pickup power of magnet coil at AC     28 VA       operating range factor control supply voltage rated value of mignet coil     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       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       fastering method     Surface mounting and installation       type of electrical connection for supply voltage line-side     Screw-type terminals       type of electrical connection for load-side outgoing feeder     Screw-type terminals       type of electrical connection for load-side outgoing feeder     Screw-type terminals       tightering torque [life] for supply     Screw-type terminals       tightering torque [life] for load-side outgoing feeder     Screw-type terminals       tightering torque [life] for load-side outgoing feeder     Screw-type terminals       tightering torque [life] for load-side outgoing feeder     Screw-type terminals <t< td=""><td></td><td></td></t<>		
• at AC at 60 Hz rated value         24 V           apparent holiding power of magnet coil at AC         28 VA           apparent holiding power of magnet coil at AC         28 VA           operating range factor control supply voltage rated value of magnet coil         0.85 1.1           inclusion         NEMA Type 3R (convertible), 4, 12 enclosure           design of the housing         Dust-tight, watertight & weather proof           Mounting/Wing         Vertical           mounting position         Vertical           fastering method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Screw-type terminals           tightering torque [bf/in] for supply         SS 35 lb/in           type of oncontectable conductor for supply notiging feeder         Screw-type terminals           tightering torque [bf/in] for load-side outgoing feeder         Screw-type terminals           tightering torque [bf/in] for load-side outgoing feeder         Screw-type terminals           tightering torque [bf/in] for load-side outgoing feeder         Screw-type terminals           tightering torque [bf/in] for load-side outgoing feeder         Screw-type terminals           tightering torque [bf/in] for load-side outgoing feeder         Screw-type terminals           tightering torque [bf/in] for load-side outgoing feeder         Screw-type te		20.1/
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         Enclosure       MEMA Type 3R (convertible). 4, 12 enclosure         design of the housing       Dust-tight, watertight & weather proof         Mounting/writing       mounting position         Vertical       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-kype terminals         tightening toruge [bfrin] for supply voltage line-side       Screw-kype terminals         tightening toruge [bfrin] for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       25 35 Ibrin         type of electrical connection for load-side outgoing feeder       25 35 Ibrin         type of connectable conductor for load-side outgoing feeder       25 35 Ibrin         type of electrical connection for load-side outgoing feeder       26 1 a 8 AWC)         termeature of the conductor for load-side outgoing feeder       27 °C         maximum permissible       75 °C         maximum permissible       75 °C         maximum permissible       75 °C		
In India power of magnet coil at AC         28 VA           operating range factor control supply voltage rated value of magnet coil magnet coil more interval and the process of protection NEMA rating of the 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-tight, 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 [bf-in] for supply         35 35 lbFin           type of electrical connection for supply voltage line-side         Screw-type terminals           tightening torque [bf-in] for supply         CU           type of electrical connection for supply maximum permissible         75 °C           material of the conductor for supply maximum permissible         75 °C           material of the conductor for torad-side outgoing feeder         Screw-type terminals           tightening torque [bf-in] for ad-side outgoing feeder         Screw-type terminals           tightening torque [bf-in] for ad-side outgoing feeder         Screw-type terminals           tightening torque [bf-in] for ad-side outgoing feeder         Screw-type terminals           tightening torque [bf-in] for ad-side outgo		
Operating range factor control supply voltage rated value of magnetic coll         0.85 1.1           Enclosure         NEMA Type 3R (convertible), 4, 12 enclosure           design of the housing         Dust-tight, waterlight & weather proof           Mounting/winsig         Usertight, waterlight & weather proof           mounting position         Vertical           fastering method         Screw-type terminals           type of electrical connection for supply voltage line-side         Screw-type terminals           type of electrical connection for supply maximum permissible         S ° ° C           material of the conductor for supply maximum permissible         S ° ° C           maximum permissible         S ° ° C           vipe of electrical connection for load-side outgoing feeder         S ° ° C           tor load-side outgoing feeder singe or multi-stranded         S (14 8 AWG)           temperature of the conductor for load-side outgoing feeder         S ° ° C           tor load-side outgoing feeder singe or multi-stranded         S (14 8 AWG)           temperature of the conductor for load-side outgoing feeder         S ° ° C           upter of electrical connection for load-side outgoing feeder         S ° ° ° ° °           tor load-side outgoing feeder singe or multi-stranded         S ° ° ° °           temperature of the conductor for load-side outgoing feeder         S		
magnet coll         Hermitian           Enclosure         Gegree 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         Surface mounting and installation           type of electrical connectable conductor cross-sections at line-side for         2x (14 & AVG)         AVG           AWG cables single or multi-stranded         2x (14 & AVG)         AVG           Wype of electrical connectable conductor cross-sections of line side for         75 °C         C           material of the conductor for supply         CU         2x (14 & AVG)         CU           Ype of electrical connection for load-side outgoing feeder         Screw-type terminals         2x (14 & AVG)           tightening torque [br in] for load-side outgoing feeder         Screw-type terminals         2x (14 & AVG)           type of electrical connection or load-side outgoing feeder         Screw-type terminals         2x (14 & AVG)           type of electrical connection for load-side outgoing feeder         Screw-type terminals         2x (14 & AVG)           type of electrical connection of magnet coil         Screw-type terminals         2x (16 & AVG) </td <td></td> <td></td>		
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         fastening and installation           type of electrical connection for supply voltage line-side         Sorew-type terminals         tightening torque [bt <sup>-</sup> in] for supply           type of connectable conductor coss-sections at line-side for AWG cables single or multi-stranded         Zx (14 8 AWG)           temperature of the conductor for supply maximum permissible         75 "C           material of the conductor for supply multi-stranded         Sorew-type terminals           tightening torque [bt <sup>-</sup> in] for load-side outgoing feeder         Sorew-type terminals           tightening torque [bt <sup>-</sup> in] for load-side outgoing feeder         Sorew-type terminals           tightening torque [bt <sup>-</sup> in] for load-side outgoing feeder         Sorew-type terminals           tightening torque [bt <sup>-</sup> in] or load-side outgoing feeder         Zx (14 8 AWG)           material of the conductor for load-side outgoing feeder         Zx (14 8 AWG)           type of electrical connection of magnet coil         Sorew-type terminals           tightening torque [bt <sup>-</sup> in] at magnet coil         Sorerew-type terminals           tightening		0.85 1.1
design of the housing       Dust-tight, 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 [lt6/in] for supply       35 35 lb6/in         type of connectable conductor crose-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 supply grazimum permissible       75 "C         material of the conductor for supply       2x (14 8 AWG)         type of electrical connection for load-side outgoing feeder       35 35 lb7 in         type of connectable conductor for supply that maded       2x (14 8 AWG)         temperature of the conductor for load-side outgoing feeder       2x (14 8 AWG)         type of connectable conductor crose-sections for AWG cables       75 "C         maximum permissible       75 "C         maximum permissible       75 "C         material of the conductor for load-side outgoing feeder       2x (14 8 AWG)         type of connectable conductor rorse-sections of magnet coil       515 lb7 in         type of connectable conductor rose-sections of ma	Enclosure	
Mounting Wiring       Vertical         mounting position       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Screw-type terminals         tightening torque [lib*in] for supply       35 35 lib*in         2xx (14 8 AWG)       2xx (14 8 AWG)         AWG cables single or multi-stranded       2x (14 8 AWG)         type of electrical connection for load-side outgoing feeder       35 crew-type terminals         tightening torque [lib*in] for load-side outgoing feeder       35 crew-type terminals         tightening torque [lib*in] for load-side outgoing feeder       35 35 lib*in         type of connectable conductor for load-side outgoing feeder       35 35 lib*in         type of connectable conductor for load-side outgoing feeder       35 35 lib*in         type of electrical connection for load-side outgoing feeder       75 °C         makerial of the conductor for load-side outgoing feeder       CU         type of electrical connection of magnet coil       15 15 lib*in         type of electrical connection of magnet coil       2x (18 14 AWG)         AWG cables single or multi-stranded       75 °C         anterial of the conductor at magnet coil       CU         Short-circuit current rating       2x (18 14 AWG) <td>degree of protection NEMA rating of the enclosure</td> <td>NEMA Type 3R (convertible), 4, 12 enclosure</td>	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 trouge [libFin] for supply         35         35 libFin           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 ross-sections of NWG cables         Screw-type terminals           tightening torque [libFin] for load-side outgoing feeder         Screw-type terminals           tightening torque [libFin] for load-side outgoing feeder         35 35 libFin           type of connectable conductor for load-side outgoing feeder         2x (14 8 AWG)           temperature of the conductor for load-side outgoing feeder         2x (14 8 AWG)           temperature of the conductor for load-side outgoing feeder         2x (14 8 AWG)           temperature of the conductor for load-side outgoing feeder         CU           type of connectable conductor for load-side outgoing feeder         2x (14 8 AWG)           temperature of the conductor for load-side outgoing feeder         CU           type of electrical connection of magnet coil         15 15 libFin           type of onnectable conductor at magnet coil<	design of the housing	Dust-tight, watertight & weather proof
fastering method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Screw-type terminals           tightening torque [Ibr in] for supply         35 35 IbF in           type of onnectable conductor cross-sections at line-side for         Ak WG           AWG cables single or multi-stranded         Zx (14 8 AWG)           material of the conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         Screw-type terminals           tightening torque [Ibr in] for load-side outgoing feeder         Screw-type terminals           tightening torque [Ibr in] for load-side outgoing feeder         Screw-type terminals           tightening torque [Ibr in] for load-side outgoing feeder         Screw-type terminals           tightening torque [Ibr in] for load-side outgoing feeder         Screw-type terminals           tightening torque [Ibr in] for load-side outgoing feeder         Zx (14 8 AWG)           type of electrical connection of magnet coil         Screw-type terminals           tightening torque [Ibr in] at magnet coil         Screw-type terminals           tightening torque [Ibr in] at magnet coil         Screw-type terminals           tightening torque [Ibr in] at magnet coil         Screw-type terminals           tightening torque [Ibr in] at magnet coil         Screw-type terminals	Mounting/wiring	
type of electrical connection for supply voltage line-side         Screw-type terminals           tightening torque [lbrin] for supply         35 35 lbFin           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 collaging feeder         35 35 lbFin           tightening torque [lbrin] for load-side outgoing feeder         35 35 lbFin           type of electrical connection for load-side outgoing feeder         35 35 lbFin           type of connectable conductor ros-sections for AWG cables for load-side outgoing feeder         35 35 lbFin           type of econcetable 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         24 (14 8 AWG)           type of electrical connection on magnet coil         Screw-type terminals           tightening torque [lbrin] at magnet coil         5 15 lbfin           type of electrical connection or magnet coil on szimum         2x (14 8 AWG)           two conductor at magnet coil         5 15 lbfin           type of electrical connection of magnet coil on szimum         2x (18 14 AWG)           two conductor at magnet coil maximum         75 °C	mounting position	Vertical
tightening torque [ibf-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         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       75 °C         tightening torque [ibf-in] for load-side outgoing feeder       Screw-type terminals         tightening torque [ibf-in] for load-side outgoing feeder       35 35 lbf-in         type of electrical connection 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       CU         waterial of the conductor for load-side outgoing feeder       CU         tightening torque [ibf-in] at magnet coil       Screw-type terminals         tightening torque [ibf-in] at magnet coil       Screw-type terminals         tightening torque [ibf-in] at magnet coil       2x (18 14 AWG)         wWG 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 maximum permissible       75 °C         material of the conductor at magnet coil maximum short-circuit trip	fastening method	Surface mounting and installation
by e 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 maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       Screw-type terminals         tightening torque [bthin] for load-side outgoing feeder       35 35 lbf in         type of connectable conductor for load-side outgoing feeder       2x (14 8 AWG)         tor load-side outgoing feeder single or multi-stranded       2x (14 8 AWG)         tor 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         tope of electrical connection of magnet coil       15 15 lbf in         type of electrical connection of magnet coil       2x (18 14 AWG)         VWG cables single or multi-stranded       2x (18 14 AWG)         tope of connectable conductor at magnet coil       5 °C         tope of the fuse link for short-circuit protection of the main circuit required       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	type of electrical connection for supply voltage line-side	Screw-type terminals
AWG cables single or multi-stranded         75 °C           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 connectable conductor for load-side outgoing feeder         35 35 lbf-in           type of electrical connectable conductor for load-side outgoing feeder         2x (14 8 AWG)           temperature of the conductor for load-side outgoing feeder         CU           material of the conductor for load-side outgoing feeder         CU           material of the conductor for load-side outgoing feeder         CU           type of electrical connection of magnet coil         5 crew-type terminals           tightening torque [lbf-in] at magnet coil         15 15 lbf-in           type of electrical conductor at magnet coil maximum         75 °C           remerature of the conductor at magnet coil         CU           stort-cut current rating         CU           were single or multi-stranded         CU           temperature of the conductor at magnet coil maximum         75 °C           material of the conductor at magnet coil         CU           stort-curre trating         100kA@600V (Class R or J 40A max)           design	tightening torque [lbf·in] for supply	35 35 lbf·in
material 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 cross-sections for AWG cables2x (14 8 AWG)for load-side outgoing feeder single or multi-stranded75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connectable conductor for load-side outgoing feederCUwaterial of the conductor for load-side outgoing feederCUtype of electrical connectable conductor rorss-sections of magnet coilScrew-type terminalstightening torque [lbf in] at magnet coil15 15 lbf intype of connectable conductor at magnet coil2x (18 14 AWG)AWG cables single or multi-strandedCUtemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUShort-circuit current ratingCUdesign of the lise 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 480 V25 kA• at 480 V25 kA• at 480 V25 kA• at 600 V25 kACortificate of suitabilityNEMA ICS 2; UL 508		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 feederCUtype of electrical connectable conductor for load-side outgoing feederCUtype of electrical connectable conductor for load-side outgoing feederCUtype of electrical connectable conductor ross-sections of magnet coil5 15 lbf.intype of connectable conductor at magnet coil2x (18 14 AWG)type of connectable conductor at magnet coilCUtype of the conductor at magnet coilCUstort-circuit current ratingCUdesign of the fuse link for short-circuit protection of the main circuit required100kA@@600V (Class R or J 40A max)eat 240 Vet 480 Veat 480 V25 kAeat 480 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508Approvals Certificates	temperature of the conductor for supply maximum permissible	75 °C
Lightening 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 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       15 15 lbf-in         type of connectable conductor at magnet coil of cables single or multi-stranded       2x (18 14 AWG)         AWG cables single or multi-stranded       2x (18 14 AWG)         temperature of the conductor at magnet coil of the conductor at magnet coil       CU         structure of the conductor at magnet coil       CU         structure of the conductor at magnet coil       CU         Short-circuit current rating       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 (lcu)       24 kA         eat 240 V       65 kA         eat 480 V       65 kA         eat 480 V       25 kA         certifica	material of the conductor for supply	CU
SectorSectortype 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 or AWG cables single or multi-stranded2x (18 14 AWG)temperature of the conductor at magnet coil or temperature of the conductor at magnet coilCUtemperature of the conductor at magnet coilCUtemperature 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 trip24 kAeat 480 V65 kAeat 480 V25 kAeat 480 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508Approvals CertificatesSector	type of electrical connection for load-side outgoing feeder	Screw-type terminals
for load-side outgoing feeder single or multi-stranded         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         15 15 lbf in           tightening torque [lbf-in] at magnet coil         15 15 lbf in           type of electrical conductor at magnet coil maximum         2x (18 14 AWG)           AWG cables single or multi-stranded         75 °C           temperature of the conductor at magnet coil maximum         75 °C           material of the conductor at magnet coil         2x (18 14 AWG)           MWG cables single or multi-stranded         CU           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)           design of the short-circuit trip         Thermal magnetic circuit breaker           maximum short-circuit trip         24 kA           e at 480 V         65 kA           e at 600 V         25 kA           certificate of suitability         NEMA ICS 2; UL 508	tightening torque [lbf·in] for load-side outgoing feeder	35 35 lbf·in
maximum permissible       CU         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 cross-sections of magnet coil       2x (18 14 AWG)         AWG cables single or multi-stranded       75 °C         material of the conductor at magnet coil       CU         startial 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 trip       24 kA         e at 480 V       25 kA         e at 600 V       25 kA         certificate of suitability       NEMA 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 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)easign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit trip24 kA• at 240 V24 kA• at 480 V55 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508Approvals Certificates		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 480 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508Approvals Certificates	material of the conductor for load-side outgoing feeder	CU
Upper 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 trip24 kA• at 240 V • at 480 V • at 600 V24 kAcertificate of suitabilityNEMA ICS 2; UL 508Approvals CertificatesNEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals
AWG cables single or multi-stranded       75 °C         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         • at 240 V       24 kA         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508	tightening torque [lbf·in] at magnet coil	15 15 lbf·in
permissible       CU         material of the conductor at magnet coil       CU         Short-circuit current rating       100kA@600V (Class R or J 40A max)         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)       Thermal magnetic circuit breaker         • at 240 V       24 kA         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA 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)       44 kA         • at 240 V       24 kA         • 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 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 V • at 480 V • at 600 V24 kA65 kA • at 600 V65 kAcertificate of suitabilityNEMA ICS 2; UL 508Approvals Certificates	material of the conductor at magnet coil	CU
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       • at 240 V     24 kA       • at 480 V     65 kA       • at 600 V     25 kA       certificate of suitability     NEMA 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		100kA@600V (Class R or J 40A max)
e at 240 V     e at 480 V     e at 600 V     certificate of suitability Approvals Certificates	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 (lcu)	
• 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       Approvals Certificates	• at 480 V	65 kA
Approvals Certificates	• at 600 V	25 kA
	certificate of suitability	NEMA ICS 2; UL 508
Test Certificates	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:LCE02C201024A Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C201024A 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:LCE02C201024A&lang=en Certificates/approvals





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