SIEMENS

Data sheet US2:LCE02C209480A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 9 N.O. poles, 460-480V 60Hz/440V 50Hz coil, Noncombination 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	9
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	
 with electronic ballast [LED driver] (1 pole per 1 phase) rated value 	10A @120V / 3A @277V 1p 1ph
 at tungsten (1 pole per 1 phase) rated value 	20A @277V 1p 1ph
 at tungsten (2 poles per 1 phase) rated value 	20A @480V 2p 1ph
 at tungsten (3 poles per 3 phases) rated value 	20A @480V 3p 3ph
 at ballast (1 pole per 1 phase) rated value 	30A @347V 1p 1ph
 at ballast (2 poles per 1 phase) rated value 	30A @600V 2p 1ph
 at ballast (3 poles per 3 phases) rated value 	30A @600V 3p 3ph
 at resistive load (1 pole per 1 phase) rated value 	30A @600V 1p 1ph
 at resistive load (2 poles per 1 phase) rated value 	30A @600V 2p 1ph
• at resistive load (3 poles per 3 phases) rated value	30A @600V 3p 3ph
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

Cotlet voltage of the control supply voltage • at AC at 50 Hz rated value • at 240 V • at 480 V • at 600 V certificate substallity NEMA ICS 2; UL 508		
type of voltage of the control supply voltage at AC at 50 Hz rated value at AC at 50 Hz rated value apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent ploting power of magnet coil at AC apparent plotiding power of magnet coil at AC apparent ploting power of magnet coil at AC apparent plotiding power of magnet coil for AV apparent plotiding power of magnet coil at AC apparent plotiding power of magnet plotiding feeder bype of connectable conductor for load-side outgoing feeder ype of electrical connection for to load-side outgoing feeder apparent plotiding plotiding plotiding feeder bype of connectable conductor for load-side outgoing feeder apparent plotiding plotiding plotiding plotiding feeder apparent plo	, , ,	NA
control supply voltage at AC at 50 Hz rated value apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC apparent pick-up power pick-up pick-up power pick-up pic		
at AC at 50 Hz rated value at AC at 60 Hz rated value 460 480 V apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent holding power at AC apparent power power at AC apparent holding power at AC apparent power p	type of voltage of the control supply voltage	AC
e at AC at 60 Hz rated value apparent plick-up power of magnet coil at AC apparent plick-up power of magnet coil at AC apparent plicking power of magnet coil at AC apparent plicking power of magnet coil at AC apparenting range factor control supply voltage rated value of magnet coil Enclosuro degree of protection NEMA rating of the enclosure design of the housing NEMA Type 3R (convertible), 4, 12 enclosure design of the housing NEMA Type 3R (convertible), 4, 12 enclosure design of the housing Neutring position Vertical satening method Surface mounting and installation bype of electrical connection for supply voltage line-side tightening torque [blirin] for supply 35 35 lbirin 2x (14 8 AWG) AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible anterial of the conductor for supply maximum permissible for load-side outgoing feeder flype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder side outgoing feeder flype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder side outgoing feeder assimum permissible for load-side outgoing feeder side outgoing feeder flype of electrical connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder flype of electrical connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder flype of electrical connection of magnet coil flythening torque [lbirin] at magnet coil flythening t	control supply voltage	
apparent pick-up power of magnet coil at AC apparent holding power at AC apparent holding power apparent of the conductor for supply voltage intensity apparent power of the conductor for supply voltage intensity apparent power	 at AC at 50 Hz rated value 	440 V
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil magnet coil Enclosure degree of protection NEMA rating of the enclosure design of the housing Dust-tight, watertight & weather proof Mounting/wiring Wertical mounting position Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [librin] for supply yeb of onectable conductor or supply type of connectable conductor cross-sections at line-side for AWG cables for load-side outgoing feeder tightening torque [librin] for supply type of connectable conductor cross-sections or AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for rosupely type of connectable conductor for not AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder supper of connectable conductor for load-side outgoing feeder sustain of the conductor for load-side outgoing feeder sustain of the conductor for load-side outgoing feeder sustain of the conductor for load-side outgoing feeder maximum permissible material of the conductor for magnet coil type of connectable conductor or magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil for AWG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder surface and the conductor for load-side outgoing feeder surface and the conductor for load-side outgoing feeder surface and the conductor of magnet coil type of connectable conductor of magnet coil type of onectable conductor at magnet coil type of onectable conductor of magn	at AC at 60 Hz rated value	460 480 V
operating range factor control supply voltage rated value of magnet coil Enclosure degree of protection NEMA rating of the enclosure design of the housing mounting position Street-type terminals Upst-tight, watertight & weather proof Mounting/wiring mounting position Vertical Surface mounting and installation Surface whype terminals Upstening torque [libf-in] for supply voltage line-side Upstening torque [libf-in] for supply voltage line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply Upse of electrical connection for load-side outgoing feeder Upse of electrical connection for load-side outgoing feeder Upse of connectable conductor cross-sections for AWG cables for load-side outgoing feeder Upse of electrical connection of magnet coil Upse of connectable conductor for load-side outgoing feeder Screw-type terminals Upse of electrical connection of magnet coil Upse of connectable conductor at magnet coil Upse of connectable conductor of load-side outgoing feeder Upsection of the conductor of load-side outgoing f	apparent pick-up power of magnet coil at AC	248 VA
magnet coll Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque (lbf-in) for supply ype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connectable conductor cross-sections of magnet coil type of electrical connectable conductor of load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the se conductor at magnet coil maximum permissible of the sel ink for short-circuit protection of the main circuit required design of the fixe link for short-circuit protection of the main circuit required design of the fixe link for short-circuit protection of the main circuit required eacilo of the short-circuit try maximum permissible of the short-circuit try maximum permissible of the short-circuit try maximum permissible of th	apparent holding power of magnet coil at AC	28 VA
design of the housing Dust-tight, watertight & weather proof Mounting/wiring mounting position fastening method Surface mounting and installation Sype of electrical connection for supply voltage line-side tightening torque (lbf-in) for supply 35 35 lbf-in XVF cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply Lype of connectable conductor for load-side outgoing feeder Lype of electrical connection of magnet coil Lype of connectable conductor cross-sections for MWG cables material of the conductor for load-side outgoing feeder MyG cables single or multi-stranded Lemperature of the conductor at magnet coil Lype of connectable conductor at magnet coil for AWG cables single or multi-stranded Lemperature of the conductor at magnet coil maximum permissible Material of the conductor at magnet coil maximum permissible Material of the conductor at magnet coil maximum permissible Material of the conductor at magnet coil maximum permissible Laperature of the conductor at magnet coil maximum permissible Material of the conductor at magnet coil maximum permissible Laperature of the conductor at magnet coil maximum permissible Laperature of the conductor at magnet coil maximum permissible Laperature of the conductor at magnet coil maximum permissible Laperature of the conductor at magnet coil maximum		0.85 1.1
Dust-tight, watertight & weather proof	Enclosure	
mounting position Vertical fastening method type of electrical connection for supply voltage line-side lightening torque [lbf-in] for supply S5 35 lbf-in Ype of connectable conductor cross-sections at line-side for AWO cables single or multi-stranded lemperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible Type of electrical connection for load-side outgoing feeder S5 35 lbf-in Ype of electrical connection for load-side outgoing feeder S5 35 lbf-in Ype of onnectable conductor for supply Sarew-type terminals Sightening torque [lbf-in] for load-side outgoing feeder Type of connectable conductor rorss-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder Screw-type terminals Sightening torque [lbf-in] at magnet coil Screw-type termin	degree of protection NEMA rating of the enclosure	NEMA Type 3R (convertible), 4, 12 enclosure
mounting position fastening method 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 AVMC cables single or multi-stranded temperature of the conductor for supply CU type of electrical connection for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder stremperature of the conductor for load-side outgoing feeder stremperature of the conductor for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder type of electrical connection of magnet coil stype of connectable conductor for load-side outgoing feeder type of connectable conductor 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 [lbf-in] at 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 [lbf-in] at 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 [lbf-in] at 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 [lbf-in] at 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 [lbf-in] at magnet coil screw-type term	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 AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connectable conductor for load-side outgoing feeder type of electrical connectable conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder type of electrical connectable conductor cross-sections 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 [lbf-in] at magnet coil CU Short-circuit current rating design of the conductor at magnet coil maximum permissible 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 Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (lcu) • at 240 V • at 480 V • at 650 V • at 600 V 25 kA certificate of suitability NEMA ICS 2; UL 508	Mounting/wiring	
type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply ype of connectable conductor cross-sections at line-side for AWC cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible ype of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder screw-type terminals to screw-type terminals 2x (14 8 AWG) 75 °C 2x (14 8 AWG) 6x (14 8 AWG) 75 °C	mounting position	Vertical
tightening torque [lbf-in] for supply ype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply CU type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections of AWG cables for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the fuse link for short-circuit protection of the main circuit required design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V • 25 kA certificate of suitability NEMA ICS 2; UL 508	fastening method	Surface mounting and installation
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible 75 °C 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 cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C C To desire a connectable 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 15 15 lbf-in type of connectable conductor cross-sections of magnet coil or AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible 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 fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (lcu) • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	type of electrical connection for supply voltage line-side	Screw-type terminals
AWG cables single or multi-stranded 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 electrical connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible and 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 temperature of the conductor at magnet coil maximum permissible and the conductor at magnet coil 15 15 lbf-in Type of connectable conductor at magnet coil 15 15 lbf-in Type of connectable conductor at magnet coil 15 15 lbf-in Type of connectable conductor at magnet coil 15 15 lbf-in Type of the conductor at magnet coil maximum permissible and the conductor at magnet coil maximum permissible and the conductor at magnet coil 15 15 lbf-in Type of the conductor at magnet coil 15 15 lbf-in Type of the conductor at magnet coil maximum permissible and the conductor at magnet coil maximum permissible Type of the conductor at magnet coil 15 15 lbf-in Type Type of the conductor at magnet coil 15 15 lbf-in Type Type of the conductor at magnet coil 15 15 lbf-in Type Type of the short-circuit current rating 100kA@600V (Class R or J 40A max) Type Type Type Type Type Type Type Type	tightening torque [lbf·in] for supply	35 35 lbf-in
material of the conductor for supply type of electrical connection for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder stype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder (CU type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) at 240 V at 480 V at 480 V at 480 V at 65 kA certificate of suitability NEMA ICS 2; UL 508		2x (14 8 AWG)
type of electrical connection for load-side outgoing feeder 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 temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible 75 °C 2x (18 14 AWG) AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible To C Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) at 24 V at 480 V at 480 V at 480 V at 65 kA at 600 V certificate of suitability NEMA ICS 2; UL 508	temperature of the conductor for supply maximum permissible	75 °C
tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil To °C Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit turrent breaking capacity (Icu) at 24 kA at 480 V at 480 V at 480 V at 65 kA certificate of suitability NEMA ICS 2; UL 508		CU
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible 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 current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	type of electrical connection for load-side outgoing feeder	Screw-type terminals
for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder 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 for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible 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 Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	tightening torque [lbf-in] for load-side outgoing feeder	35 35 lbf-in
maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible 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 maximum short-circuit current breaking capacity (lcu) • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	**	2x (14 8 AWG)
type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible 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 maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508		75 °C
tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible 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 Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA 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-stranded temperature of the conductor at magnet coil maximum permissible 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 Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals
AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible 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 Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) at 240 V at 480 V at 65 kA at 600 V certificate of suitability NEMA ICS 2; UL 508	tightening torque [lbf·in] at magnet coil	15 15 lbf-in
permissible 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 Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 600 V Certificate of suitability NEMA ICS 2; UL 508		2x (18 14 AWG)
design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508		75 °C
design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) at 240 V at 480 V at 600 V Certificate of suitability 100kA@600V (Class R or J 40A max) Thermal magnetic circuit breaker 24 kA 65 kA 25 kA	material of the conductor at magnet coil	CU
circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability Thermal magnetic circuit breaker 24 kA 65 kA 25 kA	Short-circuit current rating	
maximum short-circuit current breaking capacity (Icu) • at 240 V		100kA@600V (Class R or J 40A max)
 at 240 V at 480 V at 600 V certificate of suitability 24 kA 65 kA 25 kA 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 480 V 65 kA ● at 600 V 25 kA certificate of suitability NEMA ICS 2; UL 508	• at 240 V	24 kA
• at 600 V 25 kA certificate of suitability NEMA ICS 2; UL 508	• at 480 V	65 kA
certificate of suitability NEMA ICS 2; UL 508		



Test Certificates

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

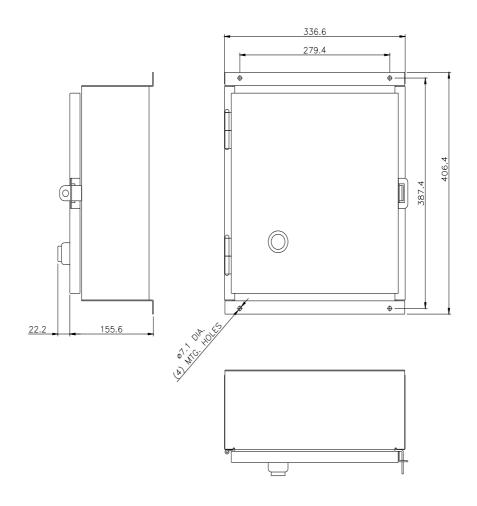
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE02C209480A

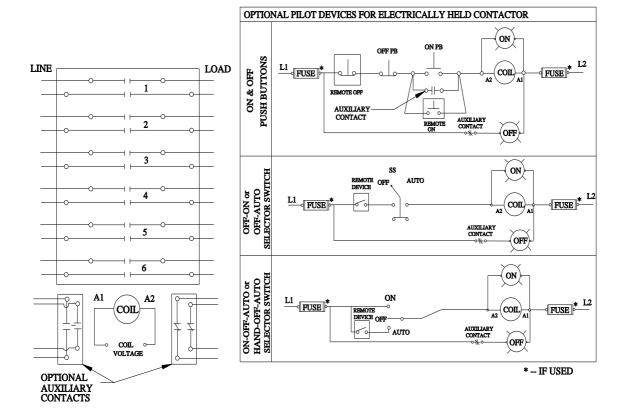
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C209480A

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:LCE02C209480A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C209480A/certificate





D38297001

last modified: 4/20/2024 🖸

