SIEMENS

Data sheet US2:LCE00C202208A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 2 N.O. poles, 200-208V 60Hz coil, Non-combination type, Enclosure NEMA type (open), No enclosure

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]	2 lb
Height x Width x Depth [in]	7.39 × 4.18 × 3.86 in
touch protection against electrical shock	Main circuit (finger-safe); Control circuit (finger-safe)
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	2
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

type of voltage of the control supply voltage	contact rating of auxiliary contacts of contactor according to UL	NA	
ontrol supply voltage			
outrol supply voltage	type of voltage of the control supply voltage	AC	
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 operating range factor control supply voltage rated value of magnet coil apparent bridging power of magnet coil apparent coil Ferciosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method fastening method fastening method Sirve whose mounting and installation (bype of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply yes of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor rorsupply yes of electrical connection for load-side outgoing feeder type of connectable conductor for supply yes of electrical connection for load-side outgoing feeder flype of connectable conductor for supply yes of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder ype of electrical connection of magnet coil tightening torque [lbf-in] amagnet coil type of electrical connection of magnet coil type of electrical connection of magnet coil of the conductor for load-side outgoing feeder anterial of the conductor for load-side outgoing feeder ype of electrical connection of magnet coil for AWG cables for the single or multi-stranded temperature of the conductor at magnet coil maximum permissible anterial of the conductor at magnet coil maximum permissible yield of the fuse link for short-circuit protection of the	***		
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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		248 VA	
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design of the housing NA 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 temperature of the conductor for supply maximum permissible outgoing feeder single or multi-stranded tightening torque (lbf-in) for load-side outgoing feeder Screw-type terminals tightening torque (lbf-in) for supply CU type of conductor for supply maximum permissible CU type of electrical connection 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 tightening torque (lbf-in) for load-side outgoing feeder Screw-type terminals tightening torque (lbf-in) for load-side outgoing feeder CU type of electrical connection of magnet coil Screw-type terminals tightening torque (lbf-in) at magnet coil	operating range factor control supply voltage rated value of	0.85 1.1	
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 type 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 stype of electrical connection for load-side outgoing feeder stype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder sinc load-side outgoing feeder stype of electrical connection 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 maximum permissible fightening torque [lbf-in] at magnet coil type of electrical connectable conductor or load-side outgoing feeder single or multi-stranded temperature of the conductor 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 75 °C Surface maximum single or multi-stranded 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 24 kA at 480 V Self KA NEMA ICS 2; UL 508	·		
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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 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 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508		2x (14 8 AWG)	
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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	
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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	9	100kA@600V (Class R or J 40A max)	
 at 240 V at 480 V at 600 V certificate of suitability 24 kA 65 kA NEMA ICS 2; UL 508 	design of the short-circuit trip	Thermal magnetic circuit breaker	
• at 480 V • at 600 V 25 kA certificate of suitability NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (Icu)		
• at 600 V certificate of suitability 25 kA 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	
Further information	certificate of suitability	NEMA ICS 2; UL 508	
Tarthor information—	Further information		

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)
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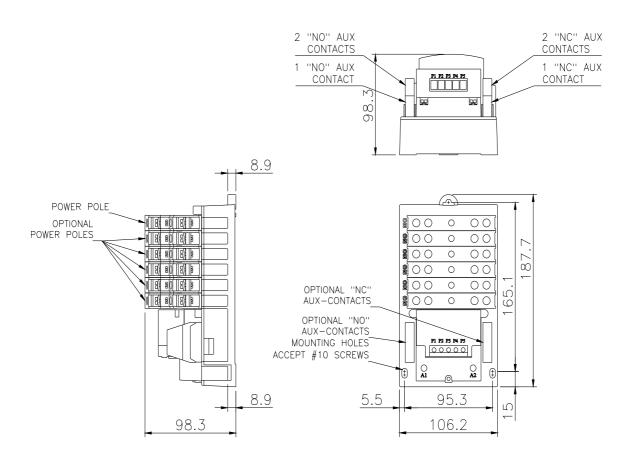
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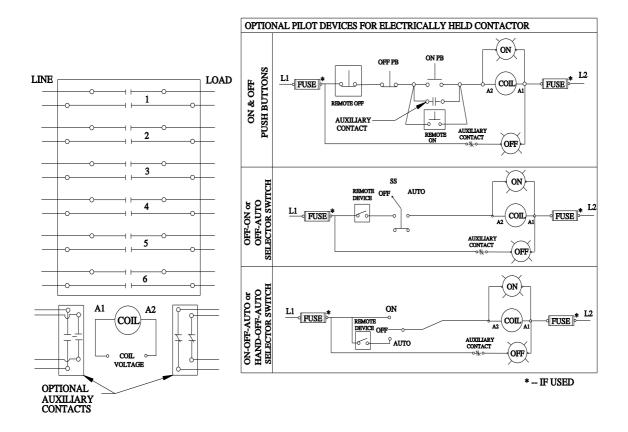
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

Certificates/approvals

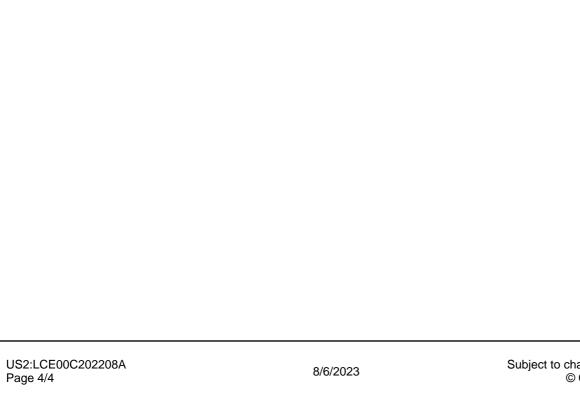
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