SIEMENS

Data sheet US2:LCE00C207277A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 7 N.O. poles, 277V 60Hz / 240V 50Hz coil, Noncombination type, Enclosure NEMA type (open), No enclosure

Weight [Ib] 3 lb 1,30 × 4.18 × 3.86 in 1,30 × 4.18 × 4.18 × 3.86 in 1,30 × 4.18 × 4.18 × 3.86 in 1,30 × 4.18 × 4.1	product brand name	Class LC
weight [Ib] 3 lb Height x Width x Depht [In] 7.39 x 4.18 x 3.86 in touch protection against electrical shock Main circuit (finger-safe); Control circuit (finger-safe) installation altitude [If] at height above sea level maximum 6560 ft ambient temperature [*F] 4.0 during storage 2.2 +149 *F 4.0 during storage 4.0 during operation 2.3 +65 *C 4.0 during storage 4.0 during operation 2.5 +40 *C 4.0 during operation 2.5 +40 *C 4.0 during operation 2.5 +40 *C 4.0 during operation 3.0 Amp 4.0 during operation 4.0 during operation 4.0 during operation 5.0 during operation 5.0 during operation 5.0 during operation 6.0 during operation 6.0 during operation 7.0 during operation 7.0 during operation 8.0 during operation 8.0 during operation 9.0 du	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [ib] 3 lb Height x Width x Depth [in] 7.39 x 4.18 x 3.86 in touch protection against electrical shock Main circuit (finger-safe); Control circuit (finger-safe) installation altitude [it] at height above sea level maximum 6560 ft ambient temperature [F] 4 uring storage -22 +149 °F • during operation -13 +104 °F ambient temperature 4 uring storage -30 +66 °C • during operation -25 +40 °C country of origin USA 20 intentor 30 Amp number of NO contacts for main contacts 7 number of NO contacts for main contacts 2 operating voltage for main current circuit at AC at 60 Hz 500 V maximum 100000 Type of main contacts 510000 mechanical service life (operating cycles) of the main contacts typical 100000 contact rating of the main contacts of lighting contactor 100000 • with electronic ballast (EED driver) (I pole per 1 phase) rated value 20A @277V 1p 1ph • at tungsten (2 poles per 3 phases) rated value 20A @480V 2p 1ph • at ballast (2 poles per 3 phases) ra	special product feature	
Height x Width x Depth [in] touch protection against electrical shock Installation altitude [ft] at height above sea level maximum 6660 ft 6600 V	General technical data	
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during operation -25 +40 °C country of origin USA Contactor size of contactor number of NO contacts for main contacts number of NC contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum Type of main contacts mechanical service life (operating cycles) of the main contacts prical value at tungsten (1 pole per 1 phase) rated value at tungsten (2 poles per 1 phase) rated value at tungsten (2 poles per 1 phase) rated value at ballast (1 pole per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (3 poles per 3 phases) rated value at resistive load (1 pole per 1 phase) rated value at resistive load (2 poles per 1 phase) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (5 poles per 1 phase) rated value at resistive load (6 pole per 1 phase) rated value at resistive load (7 pole per 1 phase) rated value at resistive load (7 pole per 1 phase) rated value at resistive load (7 pole per 1 phase) rated value at resistive load (7 pole per 1 phase) rated value at resistive load (7 pole per 1 phase) rated value at resistive load (8	ambient temperature	
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number of total auxiliary contacts maximum 4	·	0
	number of total auxiliary contacts maximum	4

type of voltage of the control supply voltage at AC at 50 Hz rated value apparent pick-up power of magnet coil at AC apparent holding power apparent power of magnet coil for AWG cables for apparent power of power apparent power	contact rating of auxiliary contacts of contactor according to UL	NA
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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 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 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 Further information 2x (14 8 AWG) 75 °C CU Short-circuit current rating 2x (14 8 AWG) 75 °C CU U 10 10 10 10 10 10 10 10 10	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 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 current breaking capacity (Icu) at 240 V at 480 V at 480 V at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information	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 tightening torque [ibf-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 240 V at 480 V at 480 V at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information		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 480 V • at 600 V certificate of suitability Further information		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 Further information	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 Further information	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 Further information	tightening torque [lbf·in] at magnet coil	15 15 lbf·in
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 650 kA at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information		2x (18 14 AWG)
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 Further information		75 °C
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 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 NEMA ICS 2; UL 508 Further information	Short-circuit current rating	
maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information		100kA@600V (Class R or J 40A max)
 at 240 V at 480 V at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information	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 Further information	maximum short-circuit current breaking capacity (Icu)	
• at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information	• at 240 V	24 kA
certificate of suitability NEMA ICS 2; UL 508 Further information	• at 480 V	65 kA
Further information	• at 600 V	25 kA
	certificate of suitability	NEMA ICS 2; UL 508
	Further information	

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

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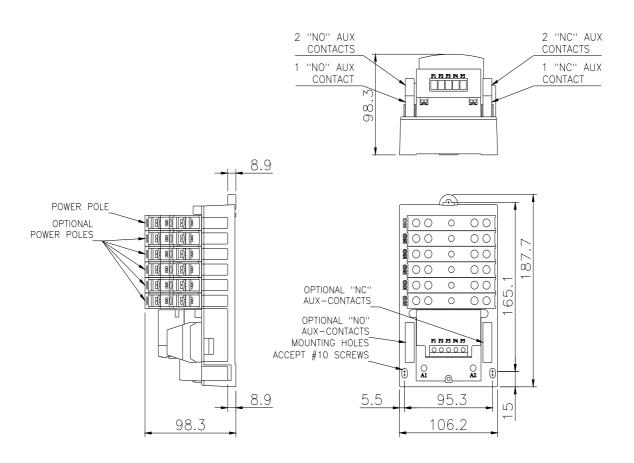
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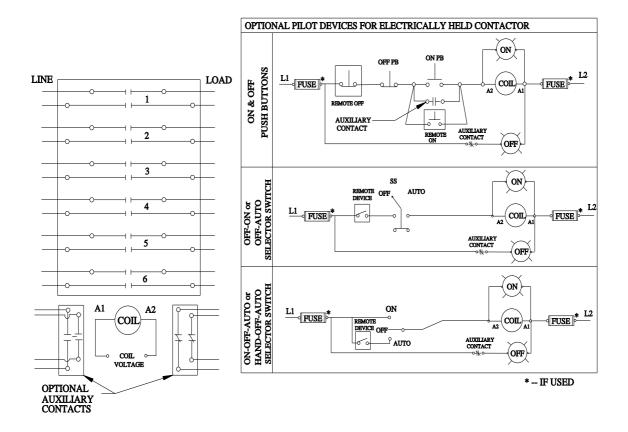
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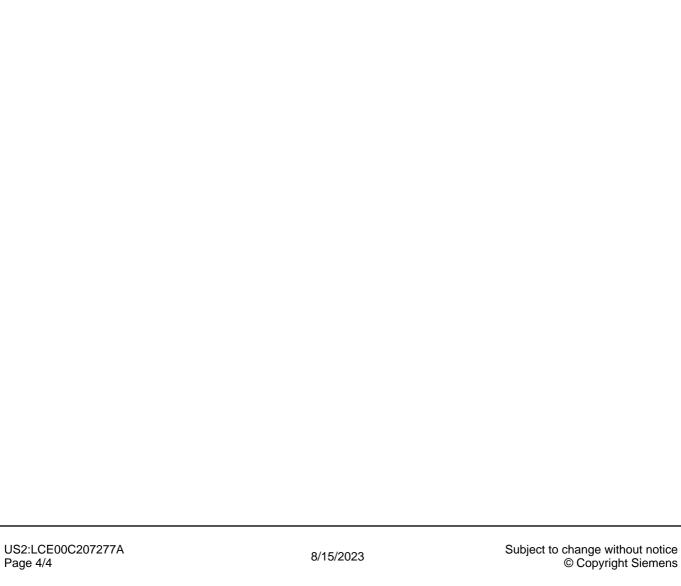
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