SIEMENS

Data sheet US2:LCE00C303480A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 3 N.C. / 3 N.O. poles, 460-480V 60Hz/440V 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 during storage 4 during operation 5 during storage 5 during operation 5 during storage 5 during operation 6 during storage 7 during storage 7 during operation 8 during operation 9 during operating of NO contacts for main contacts 9 during operating voltage for main contacts 9 during voltage for main contacts 10 during voltage for for main contacts 10 during voltage for main contacts 10 during voltage for	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 3 size of contactor 30 Amp number of NC contacts for main contacts 3 operating voltage for main contacts 3 operating voltage for main contacts 500 V maximum 100000 Type of main contacts 500 V mechanical service life (operating cycles) of the main contacts (pipical 100000 contact rating of the main contacts of lighting contactor 100 @ 120 V / 3A @ 277V 1p 1ph • at tungsten (1 pole per 1 phase) rated value 20A @ 480V 2p 1ph • at tungs	special product feature	
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ambient temperature • during storage • during operation country of origin USA Contactor size of contactor number of NO contacts for main contacts aperating voltage for main current circuit at AC at 60 Hz maximum Type of main contacts mechanical service life (operating cycles) of the main contacts vith electronic ballast [LED driver] (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 (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 ta ballast (2 poles per 1 phase) rated value • at tesistive 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 1 phase) rated value • at resistive load (3 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 (5 poles per 5 phases) rated value • at resistive load (6 poles per 6 phase) rated value • at resistive load (7 poles per 7 phase) rated value • at resistive load (8 poles per 9 phase) rated value • at resistive load (7 poles per 9 phase) rated value • at resistive load (8 poles per 9 phase) rated value • at resistive load (8 poles per 9 phase) rated value • at resistive load (8 poles per 9 phase) rated value • at resistive load (9 poles per 1 phase)	during storage	-22 +149 °F
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number of total auxiliary contacts maximum 4	·	0
	number of total auxiliary contacts maximum	4

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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 stightening 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 trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 480 V • at 650 KA certificate of suitability NEMA ICS 2; UL 508	material of the conductor for supply	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 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 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 480 V • at 480 V • at 650 KA 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 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 24 kA at 480 V at 480 V at 65 kA 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 stightening 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		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 65 kA 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 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 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	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 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 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
	Further information	

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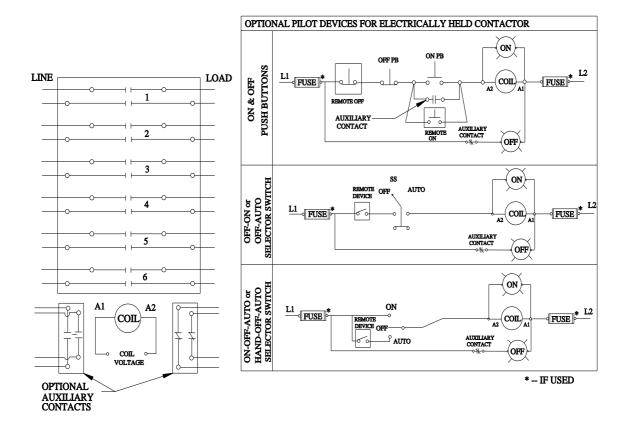
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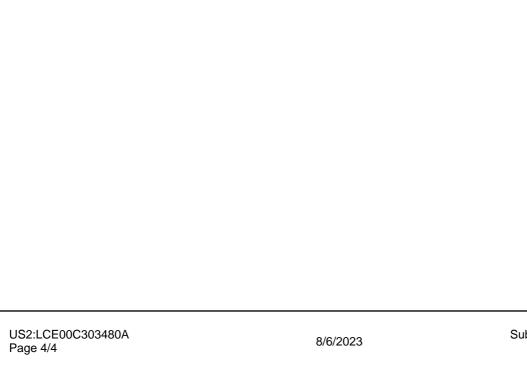
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