SIEMENS

Data sheet US2:LCE00C202600A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 2 N.O. poles, 575-600V 60Hz/550V 50Hz coil, Noncombination type, Enclosure NEMA type (open), No enclosure

weight [lb] Height x Width x Depth [in] 7.39 × 4.18 × 3.86 in touch protection against electrical shock installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] • during storage • during operation ambient temperature • during storage • during storage • during operation -30 +65 °C • during operation country of origin 2 lb 7.39 × 4.18 × 3.86 in Main circuit (finger-safe); Control circuit (finger-safe) 6560 ft -22 +149 °F -13 +104 °F -13 +104 °F -10 C -25 +40 °C USA	product brand name	Class LC
meight [b] 2 lb Height x Width x Depth [n] 7.39 x 4.18 x 3.86 in touch protection against electrical shock Main circuit (finger-safe); Control circuit (finger-safe) installation allitude [ft] at height above sea level maximum 6550 ft 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 6550 ft 1 mistallation allitude [ft] at height above sea level maximum 7 mistallation allitude [ft] at height above sea level maximum 7 mistallation allitude [ft] at height above sea level maximum 7 mistallation allitude [ft] at height above sea level maximum 7 mistallation allitude [ft] at height above sea level maximum 7 mistallation allitude [ft] at height above sea level maximum 7 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mistallation allitude [ft] at height above sea level maximum 8 mista	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [ib] 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 [it] at height above sea level maximum 6560 ft ambient temperature [*F] - 4 uring storage - 22 + 149 *F e during storage - 23 + 65 *C e during storage - 30 + 65 *C e during operation USA Size of contactor size of contactor size of contactor size of contacts for main contacts poperating voltage for main current circuit at AC at 60 Hz maximum Type of main contacts for main contacts 2 contact for main contacts Type of main contacts Silver alloy, double break mechanical service life (operating cycles) of the main contacts touth at Lingsten (1 pole per 1 phase) rated value 20A @2277V 1p 1ph e at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph e at tungsten (3 poles per 3 phases) rated value 30A @600V 3p 3ph e at resistive load	special product feature	
Height x With x Depth [in] 7.39 × 4.18 × 3.86 in touch protection against electrical shock Installation altitude [ft] at height above sea level maximum 6560 ft 6560 ft 6560 ft 640 uring storage • during operation • during storage • during operation • USA **On-Table 10	General technical data	
touch protection against electrical shock installation altitude (fit at height above sea level maximum ambient temperature (*Fi) • during storage • during operation	weight [lb]	2 lb
installation altitude [ft] at height above sea level maximum ambient temperature ["F] • during storage • during operation • during storage • during storage • during storage • during operation • during operation • 25 +40 °C country of origin USA Contactor Size of contactor size of contacts for main contacts 2 contractor size of Contacts for main contacts 2 coperating voltage for main current circuit at AC at 60 Hz maximum Type of main contacts mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contacts • with electronic ballast [LED driver] (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (3 poles per 3 phases) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at tallast (3 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 (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at tresistive load (2 poles per 3 phases) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles 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 (4 pole per 1 phase) rated value • at resistive load (5 poles per 3 phases) rated value • at resistive load (6 poles per 3 phases) rated value • at resistive load (7 pole per 1 phase) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (9 poles per 3 phases) rated value • at resistive load (9 poles per 3 phases) ra	Height x Width x Depth [in]	7.39 × 4.18 × 3.86 in
ambient temperature ["F] • during storage • during operation • during operation • 25 +40 °C 25 +40 °C 25 +40 °C 27 +40 °C 28 +40 °C 29 +40 °C 29 +40 °C 20 .	touch protection against electrical shock	Main circuit (finger-safe); Control circuit (finger-safe)
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• during storage • during operation -25 +40 °C country of origin USA USA Contactor size of contactor number of NO contacts for main contacts 2 number of NC contacts for main current circuit at AC at 60 Hz maximum Type of main contacts mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value • at tungsten (1 pole 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 3 phases) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at tallast (3 poles per 3 phases) rated value • at tallast (3 poles per 1 phase) rated value • at tallast (3 poles per 3 phases) rated value • at tresistive load (1 pole per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles 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 (5 poles per 1 phase) rated value • at resistive load (6 poles per 1 phase) rated value • at resistive load (7 poles per 1 phase) rated value • at resistive load (8 poles per 2 phase) rated value • at resistive load (7 poles per 1 phase) rated value • at resistive load (8 poles per 2 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • a	during operation	-13 +104 °F
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Type of main contacts mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (3 poles per 3 phases) rated value • at ballast (1 pole 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 3 phases) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 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 (7 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at resistive load (1 poles per 1 phase) rated value • at res	number of NC contacts for main contacts	2
mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (3 poles per 3 phases) 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 (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 (5 poles per 1 phase) rated value • at resistive load (6 poles per 1 phase) rated value • at resistive load (6 poles per 1 phase) rated value • at resistive load (6 poles per 1 phase) rated value • at resistive load (7 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load		600 V
contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (3 poles per 3 phases) rated value • at tungsten (3 poles per 3 phases) 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 (3 poles per 3 phases) 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 (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 (5 poles per 3 phases) rated value • at resistive load (6 poles per 3 phases) rated value • at resistive load (7 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (9 poles per 3 phases) rated value • at resistive load (7 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at language rate value • at language ra	Type of main contacts	Silver alloy, double break
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 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 (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 (5 poles per 3 phases) rated value at resistive load (600V 2p 1ph at resistive load (7 poles per 3 phases) rated value at resistive load (7 poles per 3 phases) rated value at resistive load (8 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3 phases) rated value at resistive load (9 poles per 3	 at tungsten (3 poles per 3 phases) rated value 	20A @480V 3p 3ph
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 (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 Auxiliary contact number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0	 at ballast (1 pole per 1 phase) rated value 	30A @347V 1p 1ph
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 Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 0	 at ballast (2 poles per 1 phase) rated value 	30A @600V 2p 1ph
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at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0	• at resistive load (1 pole per 1 phase) rated value	30A @600V 1p 1ph
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 0 0	• at resistive load (2 poles per 1 phase) rated value	30A @600V 2p 1ph
number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0	• at resistive load (3 poles per 3 phases) rated value	30A @600V 3p 3ph
number of NO contacts for auxiliary contacts 0	Auxiliary contact	
	number of NC contacts for auxiliary contacts	0
number of total auxiliary contacts maximum 4	number of NO contacts for auxiliary contacts	0
	number of total auxiliary contacts maximum	4

contact rating of auxiliary contacts of contactor according to UL	NA
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	7.0
at AC at 50 Hz rated value	550 V
at AC at 60 Hz rated value	575 600 V
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	
degree of protection NEMA rating of the enclosure	Open device (no enclosure)
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	35 35 lbf-in
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 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 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 cross-sections of magnet coil for AWG 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	CU
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)	
• at 240 V	24 kA
• at 480 V	65 kA
• at 600 V	25 kA
certificate of suitability	NEMA ICS 2; UL 508
Further information	
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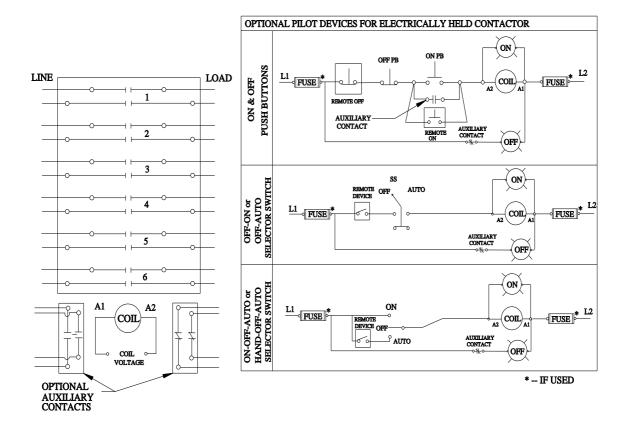
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