SIEMENS

Data sheet US2:LCE04C106600A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 1 N.C. / 6 N.O. poles, 575-600V 60Hz/550V 50Hz coil, Noncombination type, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

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]	20 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	6
number of NC contacts for main contacts	1
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 ***at AC at 50 Hz rated value ***at AC at 50 Hz rated value ***at AC at 50 Hz rated value **at AC at 50 Hz rated value **aparent pick-up power of magnet coil at AC **apparent pick-up power of magnet coil for AWG cables single or multi-stranded **apparent pick-up power of magnet coil for AWG cables single or multi-stranded **apparent pick-up power of magnet coil for AWG cables single or multi-stranded **apparent pick-up power of magnet coil for AWG cables single or multi-stranded **apparent pick-up power pick-up power p		
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design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque (Ibf-in) for supply to the conductor for supply maximum permissible temperature of the conductor for supply maximum permissible of leader single or multi-stranded type of connectable conductor for supply maximum permissible of the conductor for supply maximum permissible of leader single or multi-stranded temperature of the conductor for supply maximum permissible of the conductor for supply maximum permissible of leader single or multi-stranded type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque (Ibf-in) for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible of leader single or multi-stranded temperature of the conductor for load-side outgoing feeder conductor cross-sections for AWG cables single or multi-stranded temperature of the conductor of magnet coil so screw-type terminals subject of lead-side outgoing feeder coll for a screw-type terminals subject of lead-side outgoing feeder coll so screw-type terminals subject on multi-stranded temperature of the conductor at magnet coil so screw-type terminals subject on multi-stranded type of connectable conductor at magnet coil so screw-type terminals subject on multi-stranded type of connectable conductor at magnet coil so screw-type terminals type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible design of the subsect of the conductor at magnet coil maximum permissible conductor at magnet coil maximum permissible conductor at magnet coil maximum permissible conductor at magnet coil so subject or sub	1 0 0	0.85 1.1
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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 2x (18 14 AWG) 75 °C CU Short-circuit current rating 100kA@600V (Class R or J 40A max) 100kA@600V (Class R or J 40A max) 24 kA • 5 kA • 8 kA • 1 kA	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 600 V certificate of suitability NEMA ICS 2; UL 508	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 65 kA at 600 V Certificate of suitability NEMA ICS 2; UL 508		2x (18 14 AWG)
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 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 • at 600 V 25 kA certificate of suitability NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (Icu)	
• 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:LCE04C106600A

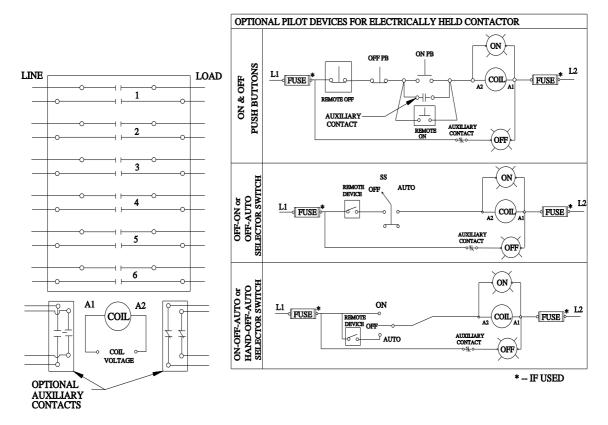
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C106600A

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:LCE04C106600A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C106600A/certificate





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