SIEMENS

Data sheet

US2:LCE04C505208A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 5 N.C. / 5 N.O. poles, 200-208V 60Hz coil, Non-combination type, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

	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
eneral technical data	
weight [lb]	21 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
ontactor	
size of contactor	30 Amp
number of NO contacts for main contacts	5
number of NC contacts for main contacts	5
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
uxiliary contact	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
	4

apparent pick-up power of magnet coil at AC 24 apparent holding power of magnet coil at AC 24 operating range factor control supply voltage rated value of magnet coil 0. Enclosure 0. degree of protection NEMA rating of the enclosure N design of the housing dt Mounting/wiring Velocities mounting position Velocities	00 208 V 48 VA 8 VA .85 1.1 IEMA 4x 304 stainless steel enclosure lustproof, waterproof & resistant to corrosion
control supply voltage 24 • at AC at 60 Hz rated value 24 apparent pick-up power of magnet coil at AC 24 apparent holding power of magnet coil at AC 24 operating range factor control supply voltage rated value of magnet coil 0. Enclosure 0 degree of protection NEMA rating of the enclosure N design of the housing du Mounting/wiring Velocition mounting position Velocition	00 208 V 48 VA 8 VA .85 1.1 IEMA 4x 304 stainless steel enclosure lustproof, waterproof & resistant to corrosion
• at AC at 60 Hz rated value 20 apparent pick-up power of magnet coil at AC 24 apparent holding power of magnet coil at AC 24 operating range factor control supply voltage rated value of magnet coil 0. Enclosure 0. degree of protection NEMA rating of the enclosure N design of the housing du Mounting/wiring Vertice	48 VA 18 VA 18 VA 185 1.1 IEMA 4x 304 stainless steel enclosure lustproof, waterproof & resistant to corrosion //ertical
apparent pick-up power of magnet coil at AC 24 apparent holding power of magnet coil at AC 28 operating range factor control supply voltage rated value of magnet coil 0. Enclosure 0. degree of protection NEMA rating of the enclosure N design of the housing dt Mounting/wiring Vertice mounting position Vertice	48 VA 18 VA 18 VA 185 1.1 IEMA 4x 304 stainless steel enclosure lustproof, waterproof & resistant to corrosion //ertical
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magnet coil Image: Coil Coil Coil Coil Coil Coil Coil Coil	IEMA 4x 304 stainless steel enclosure lustproof, waterproof & resistant to corrosion /ertical
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design of the housing du Mounting/wiring view mounting position Ve	lustproof, waterproof & resistant to corrosion /ertical
Mounting/wiring mounting position Ve	/ertical
mounting position Ve	
fastening method	
	Surface mounting and installation
type of electrical connection for supply voltage line-side Section Sec	Screw-type terminals
tightening torque [lbf·in] for supply 35	5 35 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded 2x	x (14 8 AWG)
temperature of the conductor for supply maximum permissible 75	5 °C
material of the conductor for supply C	U
type of electrical connection for load-side outgoing feeder So	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder 35	5 35 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	x (14 8 AWG)
temperature of the conductor for load-side outgoing feeder 75 maximum permissible	5 °C
material of the conductor for load-side outgoing feeder C	CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	5 15 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded 2x	x (18 14 AWG)
temperature of the conductor at magnet coil maximum 75 permissible	5 °C
material of the conductor at magnet coil C	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main 10 circuit required	00kA@600V (Class R or J 40A max)
design of the short-circuit trip	hermal magnetic circuit breaker
maximum short-circuit current breaking capacity (lcu)	
• at 240 V 24	4 kA
• at 480 V 65	5 kA
• at 600 V 25	5 kA
certificate of suitability N	IEMA ICS 2; UL 508
Approvals Certificates	
Test Certificates	



Further information

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:LCE04C505208A

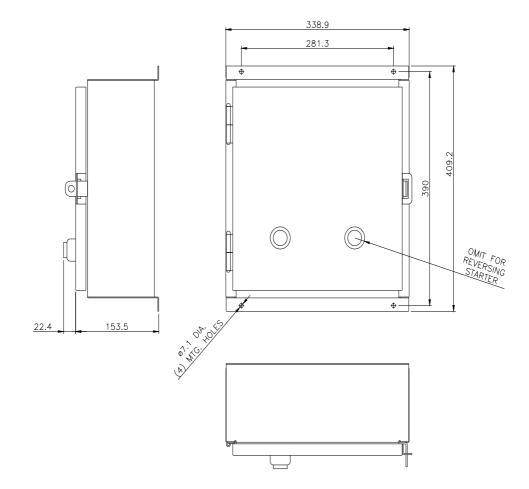
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

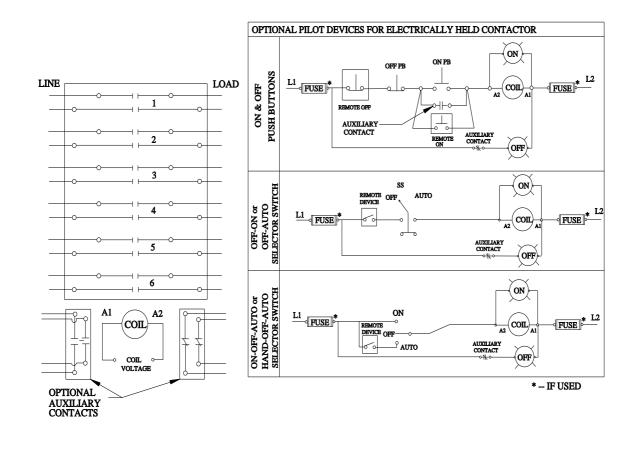
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C505208A

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:LCE04C505208A&lang=en

Certificates/approvals

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