## SIEMENS

## Data sheet

## US2:LCE04C401208A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 4 N.C. / 1 N.O. poles, 200-208V 60Hz coil, Non-combination 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	1
number of NC contacts for main contacts	4
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	
<ul> <li>with electronic ballast [LED driver] (1 pole per 1 phase) rated value</li> </ul>	10A @120V / 3A @277V 1p 1ph
<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @277V 1p 1ph
<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @480V 2p 1ph
<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @480V 3p 3ph
<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	30A @347V 1p 1ph
<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	30A @600V 2p 1ph
<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	30A @600V 3p 3ph
<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @600V 1p 1ph
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	30A @600V 2p 1ph
<ul> <li>at resistive load (3 poles per 3 phases) rated value</li> </ul>	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

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
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       Velocitien	8 VA .85 1.1 IEMA 4x 304 stainless steel enclosure lustproof, waterproof & resistant to corrosion /ertical
apparent holding power of magnet coil at AC       28         operating range factor control supply voltage rated value of       0.         Enclosure       0.         degree of protection NEMA rating of the enclosure       N         design of the housing       dt         Mounting/wiring       Velocities	.85 1.1 IEMA 4x 304 stainless steel enclosure lustproof, waterproof & resistant to corrosion /ertical
magnet coil     Image: Coil Coil Coil Coil Coil Coil Coil Coil	IEMA 4x 304 stainless steel enclosure lustproof, waterproof & resistant to corrosion /ertical
degree of protection NEMA rating of the enclosure       N         design of the housing       du         Mounting/wiring       ve         mounting position       Ve	lustproof, waterproof & resistant to corrosion /ertical
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

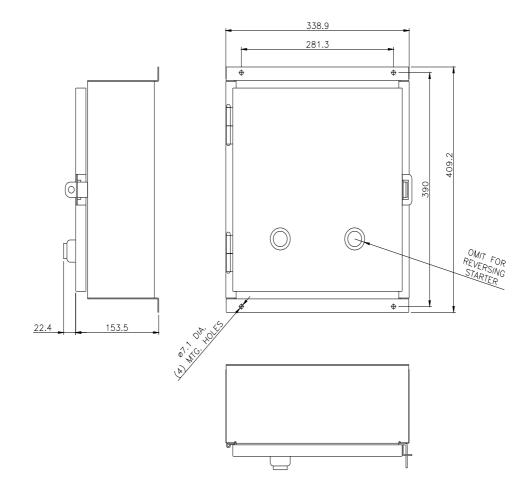
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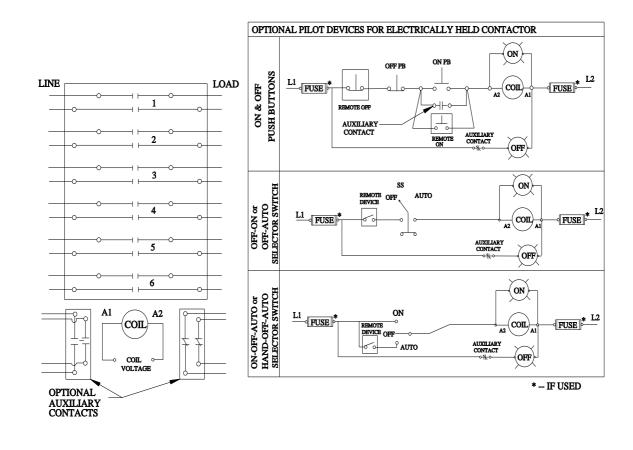
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE04C401208A&lang=en

Certificates/approvals

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last modified:

4/5/2023 🖸