## SIEMENS

## Data sheet

## US2:LCE02C210347A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 10 N.O. poles, 347V 60Hz coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

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]	19 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	11
number of NC contacts for main contacts	2
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
• at resistive load (1 pole per 1 phase) rated value	30A @600V 1p 1ph
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	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

Coll       Spe of voltage of the control supply voltage       AC         control supply voltage       AC       AC         apparent holding power of magnet coll at AC       248 VA         apparent holding power of magnet coll at AC       248 VA         operant holding power of magnet coll at AC       248 VA         operant holding power of magnet coll at AC       28 VA         operating range factor control supply voltage rated value of magnet coll       0.85 1.1         Enclosure       Dest-initial value of magnet coll at AC         degree of protection NEMA rating of the enclosure       Dust-tight, watertight & weather proof         Mountingy obstion       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side for       2x (14 8 AWG)         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       75 °C         rol connectable conductor ross-sections for AWC cables       2x (14 8 AWG)         type of electrical connection for load-side outgoing feeder       35 35 lbrin         type of electrical connection for load-side outgoing feeder       35 35 lbrin         type of electrical connection of magnet coll       52 °C         tightening torue [Ipfin] of ma	contact rating of auxiliary contacts of contactor according to UL	NA	
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design of the housing     Dust-light, waterlight & weather proof       Mounting position     Vertical       fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side     Screw-type terminals       tightening torque [librin] for supply     35 35 librin       type of electrical connection for supply naximum permissible     Zx (14 8 AWG)       type of electrical connection for supply maximum permissible     75 °C       material of the conductor for supply     CU       type of electrical connection for load-side outgoing feeder     35 35 librin       type of electrical connection for load-side outgoing feeder     35 35 librin       type of electrical connection for load-side outgoing feeder     35 35 librin       type of electrical connection for load-side outgoing feeder     35 35 librin       type of electrical connection of magnet coil     Screw-type terminals       tightening torque [librin] for load-side outgoing feeder     75 °C       material of the conductor for load-side outgoing feeder     75 °C       material of the conductor for load-side outgoing feeder     75 °C       material of the conductor for load-side outgoing feeder     75 °C       material of the conductor for load-side outgoing feeder     2x (14 14 AWG)       type of electrical connection of magnet coil     Screw-type terminals       tightening torque [librin]	· · ·		
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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         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508		75 °C	
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         • at 240 V       24 kA         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508	material of the conductor at magnet coil	CU	
circuit requiredCircuit requireddesign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu)24 kA• at 240 V24 kA• at 480 V65 kA• at 600 V25 kAcertificate of suitabilityNEMA ICS 2; UL 508	Short-circuit current rating		
maximum short-circuit current breaking capacity (Icu)       24 kA         • at 240 V       24 kA         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508	<b>o</b>	100kA@600V (Class R or J 40A max)	
• at 240 V       24 kA         • at 480 V       65 kA         • at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508	design of the short-circuit trip	Thermal magnetic circuit breaker	
• at 480 V       65 kA         • 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	
certificate of suitability NEMA ICS 2; UL 508	• at 480 V	65 kA	
	• at 600 V	25 kA	
Approvals Certificates	certificate of suitability	NEMA 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:LCE02C210347A

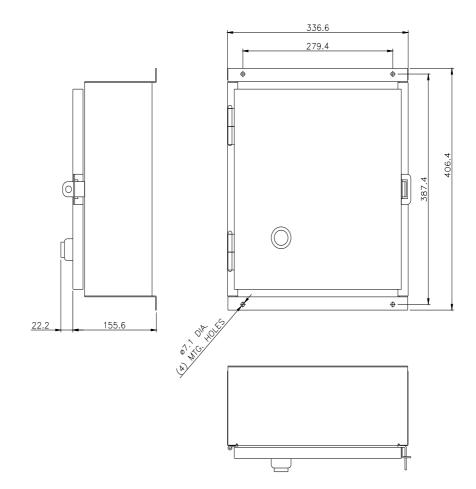
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

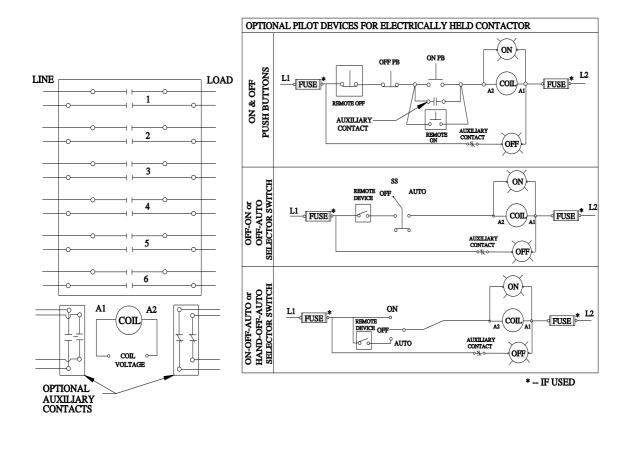
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C210347A

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:LCE02C210347A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C210347A/certificate





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