# SIEMENS

#### Data sheet

### US2:LCE04C103347A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 1 N.C. / 3 N.O. poles, 347V 60Hz coil, Non-combination type, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

weight [b]20 lbHeight x Widh x Deph [n]16 x 13 x 6 intouch protection against electrical shockNA for enclosed productsinstallation altitude [ft] at height above sea level maximum6600 ftambient temperature ['F]•• during storage-22 +149 "F• during storage-30 +104 "Fambient temperature-• during operation-30 +65 "C• during operation-25 +40 "Ccountry of originUSAContactor30 Ampnumber of NC contacts for main contacts1operating voltage for main contacts1operating voltage for main contacts1operating voltage for main contacts1maximum600 Vmaximum100000vith electronic ballast [LED driver] (1 pole per 1 phase)• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (2 poles per 1 phase) rated value30A @600V 2p 1ph• at baliast (1 pole per 1 phase) rated value30A @600V 2p 1ph• at baliast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at baliast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at baliast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at baliast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at traistive	product brand name	Class LC
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weight [tb]     20 lb       Height x Width x Depht [in]     16 x 13 x 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     -33 +104 "F       ambient temperature     -       • during operation     -25 +40 "C       • during operation     -25 +40 "C       • country of origin     USA       Contactor     30 Amp       number of NC contacts for main contacts     1       operating voltage for main contacts     1       optically outge for main contacts     100000       Type of main contacts     Silver alloy, double break       mechanical service life (operating cycles) of the main contacts     100000       • 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 (2 poles per 1 phase) rated value     20A @480V 2p 1ph       • at ballast (2 poles per 1 phase) rated value     30A @6000V 2p 1ph       • at ballast (2 poles per 1 phase) rated value     30A @600V 3p 3ph       • at ballast (2 poles per 1 phase) rated value     30A @6000V 3p 3ph       • at tesistive load (2 poles per 1	special product feature	
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<ul> <li>with electronic ballast [LED driver] (1 pole per 1 phase) rated value</li> <li>at tungsten (1 pole per 1 phase) rated value</li> <li>at tungsten (2 poles per 1 phase) rated value</li> <li>at tungsten (2 poles per 1 phase) rated value</li> <li>at tungsten (3 poles per 3 phases) rated value</li> <li>at ballast (1 pole per 1 phase) rated value</li> <li>at ballast (1 pole per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at contacts for auxiliary contacts</li> <li>number of NC contacts for auxiliary contacts</li> <li>o</li> </ul>		100000
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• 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 (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       30A @600V 3p 3ph         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       0	<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @480V 3p 3ph
• 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         30A @600V 3p 3ph	<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	30A @347V 1p 1ph
• 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	<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	30A @600V 2p 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       30A @600V 3p 3ph         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       0	<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	30A @600V 3p 3ph
• at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         Auxiliary contact       0         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       0	<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @600V 1p 1ph
Auxiliary contact       0         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       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		
at AC at 60 Hz rated value	347 347 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	NEMA 4x 304 stainless steel enclosure	
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	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 (lcu)		
• 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		

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:LCE04C103347A

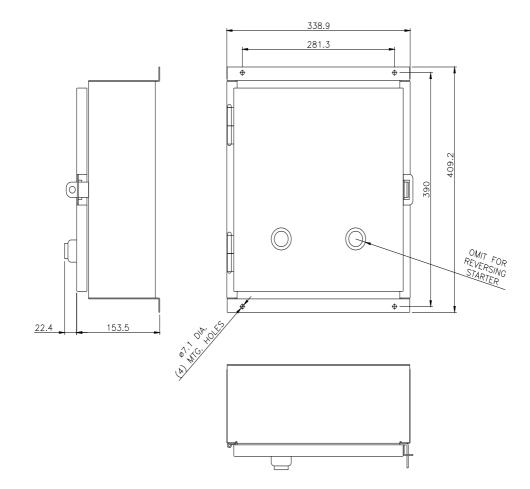
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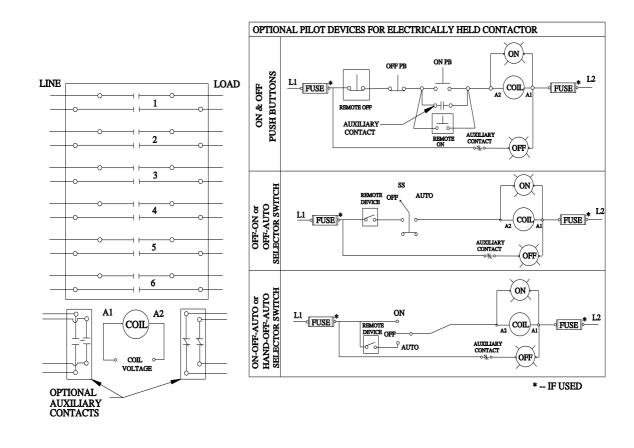
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