## SIEMENS

## Data sheet

## US2:LCE04C301347A



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

weight [b]     20 lb       Height x Width x Depth [n]     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]     6       • during storage     -22 +149 °F       • during operation     -33 +164 °F       • during operation     -25 +40 °C       • during operation     -25 +40 °C       • during operation     -25 +40 °C       • contactor     30 Amp       number of NC contacts for main contacts     1       number of NC contacts for main contacts     1       operating voltage for main contacts     3       operating voltage for main contacts     1       rechanical service life (operating cycles) of the main contacts     1       vith electoronic ballast [LED driver] (1 pole per 1 phase)     10A @120V / 3A @277V 1p 1ph       • at tungsten (1 pole per 1 phase) rated value     20A @480V 2p 1ph       • at tungsten (2 poles per 1 phase) rated value     20A @480V 2p 1ph       • at tungsten (2 poles per 1 phase) rated value     30A @600V 2p 1ph       • at ballast (2 poles per 1 phase) rated value     30A @600V 2p 1ph       • at ballast (2 poles per 1 phase) rated value     30A @600V 2p 1ph       • at ballast (2 poles per 1 phase) rated value     30A @600V 2p 1ph	product brand name	Class LC
Conserval tochnical data         Evenen NO and NC           Conserval tochnical data         Versight [A]         20 lb           Height X Width X Depth [n]         16 x 13 x 6 in         NA for enclosed products           Installation allutide [If at height above sea level maximum         6600 ft           ambient temperature ['F]         -22 +149 "F           • during operation         -13 +104 "F           ambient temperature         -30 +65 "C           • during operation         -25 +40 "C           country of origin         USA           Contactor         30 Amp           number of NC contacts for main contacts         1           number of NC contacts for main contacts         3           operating voltage for main contacts         5/live ralloy, double break           mechanical service life (operating cycles) of the main contacts         1           rype of main contacts of lighting contactor         -0/live (3277V 1p 1ph           reted value         20A (400V 2p 1ph           et tungsten (1 pole per 1 phase) rated value         20A (400V 2p 1ph           et tungsten (1 pole per 1 phase) rated value         20A (400V 2p 1ph           et tungsten (2 poles per 3 phases) rated value         30A (400V 3p 3ph           et tungsten (1 pole per 1 phase) rated value         30A (400V 2p 1ph </td <td>design of the product</td> <td>Electrically held lighting contactor (convertible to mechanically held)</td>	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [tb]     20 lb       Height x Width x Depth [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     -26 C       • during operation     -26 C       • during torage     -26 Contactor	special product feature	
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Installation altitude [f] at height above sea level maximum     6660 ft       ambient temperature ['F]     -       • during storage     -22 +149 "F       • during storage     -31 +104 "F       • during storage     -30 +65 "C       • during operation     -25 +40 "C       • country of origin     USA       Contactor     30 Amp       number of NC contacts for main contacts     1       number of NC contacts for main contacts     3       operating voltage for main current circuit at AC at 60 Hz     600 V       maximum     Silver alloy, double break       Type of main contacts     Silver alloy, double break       mechanical service life (operating cycles) of the main contacts     100000       ratid value     20A @277V 1p 1ph       • at tungsten (1 pole per 1 phase) rated value     20A @277V 1p 1ph       • at tungsten (2 poles per 3 phases) rated value     20A @480V 2p 1ph       • at tungsten (1 pole per 1 phase) rated value     20A @480V 2p 1ph       • at ballast (2 poles per 3 phases) rated value     30A @600V 2p 1ph       • at ballast (2 poles per 4 phase) rated value     30A @600V 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 @600V 3p 3ph       • at ballast (2 poles per 1 phase) rated value     30A @600V 3p 1ph	Height x Width x Depth [in]	16 × 13 × 6 in
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typicalcontact rating of the main contacts of lighting contactor• with electronic ballast [LED driver] (1 pole per 1 phase) rated value• at tungsten (1 pole per 1 phase) rated value• at tungsten (2 poles per 1 phase) rated value• at tungsten (2 poles per 1 phase) rated value• at tungsten (3 poles per 3 phases) rated value• at ballast (1 pole per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 3 phases) rated value• at resistive load (1 pole per 1 phase) rated value• at resistive load (2 poles per 1 phase) rated value• at resistive load (2 poles per 1 phase) rated value• at resistive load (2 poles per 3 phases) rated value• at resistive load (3 poles per 3 phases) rated value• at resistive load (3 poles per 3 phases) rated value• at resistive load (3 poles per 3 phases) rated value• at resistive load (3 poles per 3 phases) rated value• at resistive load (1 pole per 1 phase) rated value• at resistive load (2 poles per 3 phases) rated value• at resistive load (2 poles per 3 phases) rated value• at resistive load (3 poles per 3 phases) rated value• at resistive load (5 poles per 3 phases) rated value• number of NC contacts for auxiliary contacts• numbe	Type of main contacts	Silver alloy, double break
<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 (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 (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 resistive load (5 poles per 3 phases) rated value</li> <li>at resistive load (5 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>number of NO contacts for auxiliary contacts</li> </ul>		100000
rated valueat tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 pol	contact rating of the main contacts of lighting contactor	
• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• Auxiliary contact30A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0		10A @120V / 3A @277V 1p 1ph
• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• Auxiliary contact30A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @277V 1p 1ph
• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phAuxiliary contact30A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @480V 2p 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 (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	<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	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

control supply voltage       • at AC at 60 Hz rated value         apparent pick-up power of magnet coil at AC       :         apparent holding power of magnet coil at AC       :         operating range factor control supply voltage rated value of magnet coil       :	AC 347 347 V 248 VA 28 VA 0.85 1.1
control supply voltage       • at AC at 60 Hz rated value         apparent pick-up power of magnet coil at AC       :         apparent holding power of magnet coil at AC       :         operating range factor control supply voltage rated value of magnet coil       :	347 347 V 248 VA 28 VA 0.85 1.1
at AC at 60 Hz rated value     apparent pick-up power of magnet coil at AC     apparent holding power of magnet coil at AC     operating range factor control supply voltage rated value of     magnet coil	248 VA 28 VA 0.85 1.1
at AC at 60 Hz rated value     apparent pick-up power of magnet coil at AC     apparent holding power of magnet coil at AC     operating range factor control supply voltage rated value of     magnet coil	248 VA 28 VA 0.85 1.1
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil	28 VA 0.85 1.1
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil	0.85 1.1
magnet coil	
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 (Icu)	
• at 240 V	24 kA
• at 480 V	65 kA
• at 600 V	25 kA
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:LCE04C301347A

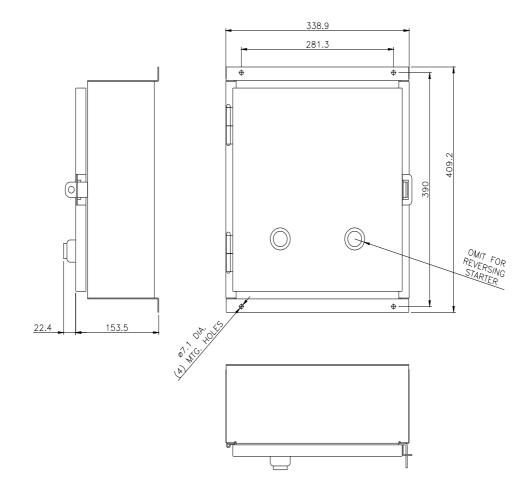
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

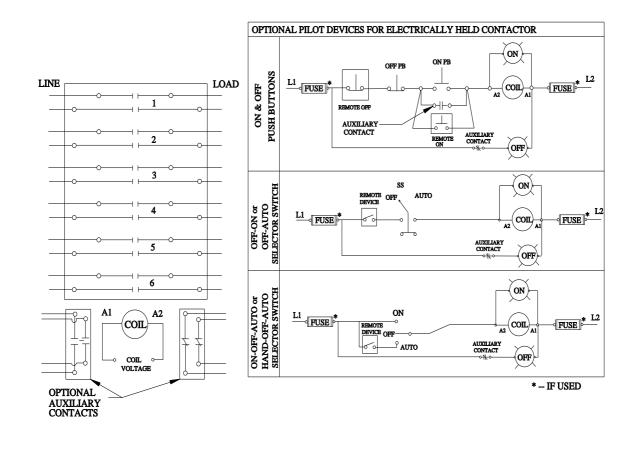
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C301347A

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:LCE04C301347A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C301347A/certificate





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