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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• 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	 at tungsten (1 pole per 1 phase) rated value 	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	 at tungsten (2 poles per 1 phase) rated value 	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	 at tungsten (3 poles per 3 phases) rated value 	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	 at ballast (1 pole per 1 phase) rated value 	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	 at ballast (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	 at ballast (3 poles per 3 phases) rated value 	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	 at resistive load (1 pole per 1 phase) rated value 	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

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

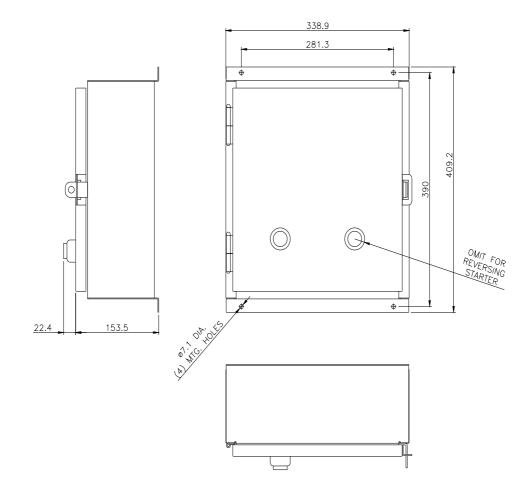
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

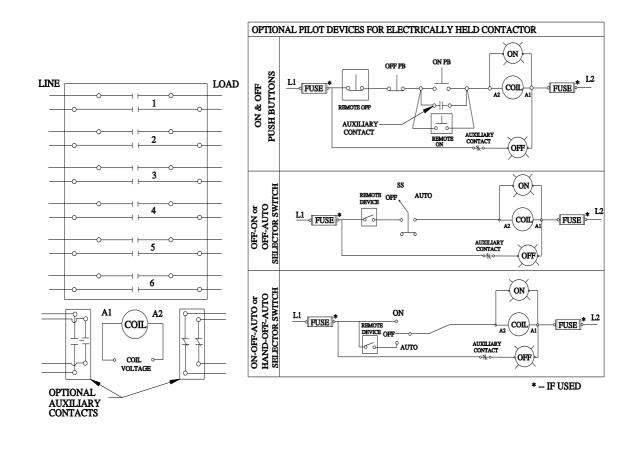
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C301347A

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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