SIEMENS

Data sheet

US2:LCE00C404277A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 4 N.C. / 4 N.O. poles, 277V 60Hz / 240V 50Hz coil, Noncombination type, Enclosure NEMA type (open), No enclosure

design of the product Electrically held igning contactor (convertible to mechanically held) special product feature Electrically held convertible to mechanically held, Power poles convertible between No and NC General tochnical data 3 Ib Height XWith X Deph [in] 7.39 × 4.18 × 3.86 in touch protection against electrical shock Main circuit (finger-safe); Control circuit (finger-safe) installation altitude [If at height above sea level maximum ambient temperature [F] 4 • during storage -22, +149 °F • during storage -30, +65 °C • during storage -30 Map oruntber of NC contacts for main contacts 4 number of NC contacts for main contacts 4 maximum Silver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 reted value 20A @420771 p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @420771 p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @420771 p 1ph	product brand name	Class LC
Between NO and NC Consral tachical data weight [b] 3 lb Height X Width X Deph [in] 7.39 x 4.18 x 3.86 in touch protection against electrical shock Main circuit (finger-safe). Control circuit (finger-safe). installation allitude [ft] at height above sea level maximum 6660 ft ambient temperature ['F] - • during operation -13 +104 "F ambient temperature origin USA • during operation -25 +40 °C • during operation -30 +65 °C • during operation -25 +40 °C • during operation 0 +65 °C • during operation -25 +40 °C • during operation 0 +65 °C • during operation 0 +65 °C • during operation -25 +40 °C • during operation 0 +65 °C •	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [b] 3 lb Height X Widh x Deph [in] 7.38 x 4.18 x 3.86 in fouch protection against electrical shock Main circuit (finger-safe): Control circuit (finger-safe) installation altitude [f] at height above sea level maximum 6660 ff ambient temperature [F] -22 +149 "F • during storage -22 +140 "F ambient temperature -30 +65 °C • during operation 20 Amp 1 number of NO contacts for main contacts 4 number of NC contacts for main contacts 4 operating of the main contacts 4 operating ovelage for main contacts 4 number of NC contacts for main contacts 4 operating voltage for main contacts 4 operating voltage for main contacts 100000 vith electronic ballast [LED driver] (1 pole per 1 phase) 1004 @120V / 3A @277V 1p 1ph eat tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph eat tungsten (2 poles per 1 phase) rated value 20A @480V 3p 3ph eat ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph eat ballast (2 poles per 1 phase) rated value 30A @307V 1p 1ph eat ballast (2 poles per 1 phase) rated value <td>special product feature</td> <td></td>	special product feature	
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• 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 (1 pole per 1 phase) rated value 	30A @600V 1p 1ph
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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 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 50 Hz rated value	240 V
at AC at 60 Hz rated value	277 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	Open device (no enclosure)
design of the housing	NA
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
Further information	

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:LCE00C404277A

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

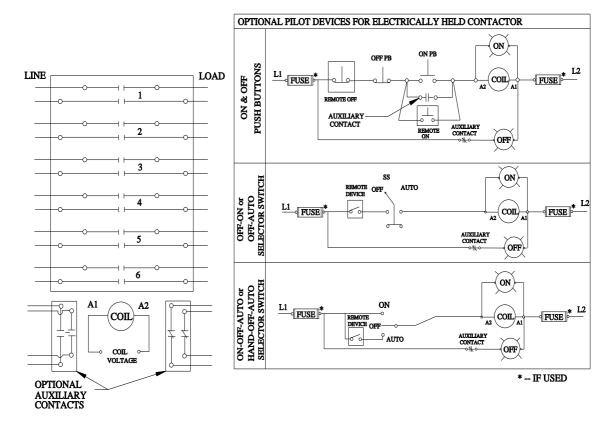
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C404277A

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:LCE00C404277A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C404277A/certificate





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