SIEMENS

Data sheet US2:LCE01C605240A

Class LC

Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 6 N.C. / 5 N.O. poles, 230-240V 60Hz/220V 50Hz coil, Noncombination type, Enclosure NEMA type 1, Indoor general purpose use



product brand name

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]	12 lb
Height x Width x Depth [in]	14 × 8 × 7 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	5
number of NC contacts for main contacts	6
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	
 with electronic ballast [LED driver] (1 pole per 1 phase) rated value 	10A @120V / 3A @277V 1p 1ph
 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 (3 poles per 3 phases) rated value	20A @480V 3p 3ph
• at ballast (1 pole per 1 phase) rated value	30A @347V 1p 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 (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
number of total auxiliary contacts maximum	4

bye of voltage of the control supply voltage	contact rating of auxiliary contacts of contactor according to UL	NA
bye of voltage of the control supply voltage • at AC at 50 Hz rated value • at AC at 50 Hz rated value 220 V 230 240 V apparent pick-up power of magnet coil at AC 248 VA apparent picking power of magnet coil at AC 28 VA operating range factor control supply voltage rated value of magnet coil degree of protection NEMA rating of the enclosure NEMA Type 1 design of the housing mounting position for electrical connection for supply voltage line-side Surface mounting and installation Vertical Surface mounting and insta		
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 at 240 V at 480 V at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information	design of the short-circuit trip	Thermal magnetic circuit breaker
	maximum short-circuit current breaking capacity (Icu)	
at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information	• at 240 V	24 kA
certificate of suitability NEMA ICS 2; UL 508 Further information	• at 480 V	65 kA
Further information	• at 600 V	25 kA
	certificate of suitability	NEMA ICS 2; UL 508

Industrial Controls - Product Overview (Catalogs, Brochures,...)

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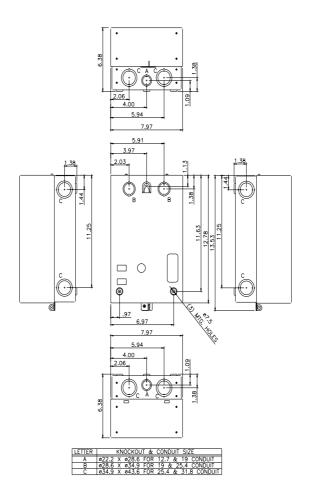
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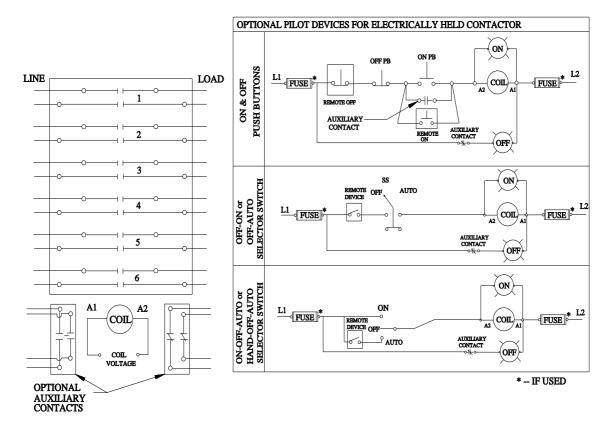
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Certificates/approvals

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