SIEMENS

Data sheet

US2:LCE02C004240A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 0 N.C. / 4 N.O. poles, 230-240V 60Hz/220V 50Hz coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

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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]	19 lb
Height x Width x Depth [in]	16 × 13 × 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 	-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	4
number of NC contacts for main contacts	0
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 (switching cycles) of the main contacts typical	100000
contact rating of the main contacts of lighting contactor	
 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

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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	
breaking capacity maximum short-circuit current (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	
Industrial Controls - Product Overview (Catalogs, Brochures,)	
www.usa.siemens.com/iccatalog Industry Mall (Online ordering system)	

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE02C004240A

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

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C004240A

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:LCE02C004240A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C004240A/certificate

last modified:

1/25/2022 🖸