## **SIEMENS**

## Data sheet US2:LCE00C704240A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 7 N.C. / 4 N.O. poles, 230-240V 60Hz/220V 50Hz coil, Noncombination type, Enclosure NEMA type (open), No enclosure

Electrically Inbetween NC special product feature  Electrically Inbetween NC special product feature  Electrically Inbetween NC special product feature  Property Items of NC special product feature  Electrically Inbetween NC special product feature  Indigital prod	× 3.86 in (finger-safe); Control circuit (finger-safe) °F °F
between NC  ceneral technical data  veight [lb]  deight x Width x Depth [in]  ouch protection against electrical shock installation altitude [ft] at height above sea level maximum  for during storage  during operation  during operation  during storage  during operation  during operation  country of origin  country of origin  country of Origin  country of NO contacts for main contacts fumber of NO contacts for main contacts fumber of NC contacts for main contacts fumber of NC contacts for main contacts fumber of NC contacts for main contacts function	× 3.86 in (finger-safe); Control circuit (finger-safe)
regight [lb] 3 lb relight x Width x Depth [in] 7.39 × 4.18 relight x Width x	(finger-safe); Control circuit (finger-safe) °F °F
Height x Width x Depth [in]  Ouch protection against electrical shock Installation altitude [ft] at height above sea level maximum  6560 ft  Ambient temperature [°F]  • during storage • during operation  ambient temperature • during storage • during operation  country of origin  Country of origin  Country of NO contacts for main contacts  number of NO contacts for main contacts  country of main contacts  for perating voltage for main current circuit at AC at 60 Hz  maximum  Type of main contacts  Silver alloy,  procedure of the main contacts  special contact rating of the main contacts of lighting contactor	(finger-safe); Control circuit (finger-safe) °F °F
ouch protection against electrical shock Installation altitude [ft] at height above sea level maximum Installation altitude [ft] at height above sea level	(finger-safe); Control circuit (finger-safe) °F °F
Installation altitude [ft] at height above sea level maximum  Installation altitude [ft] at height above sea level maximum	°F °F
ambient temperature [°F]  • during storage  • during operation  -13 +104  ambient temperature  • during storage  • during storage  • during operation  -25 +40 °C  country of origin  USA  country of origin  USA  countactor  size of contactor  number of NO contacts for main contacts  perenting voltage for main current circuit at AC at 60 Hz  contacting voltage for main current circuit at AC at 60 Hz  contacting voltage for main contacts  perenting voltage for main current circuit at AC at 60 Hz  contact rating of the main contacts  solver alloy,  prochanical service life (operating cycles) of the main contacts  contact rating of the main contacts of lighting contactor	°F C
<ul> <li>during storage</li> <li>during operation</li> <li>tall the properation</li> <li>during storage</li> <li>during storage</li> <li>during operation</li> <li>during oper</li></ul>	°F C
during operation     during storage     during operation     during	°F C
ambient temperature  • during storage • during operation  • during operation  • country of origin  • during operation  • country of origin  • during operation  • USA  • during operation  • USA  • during operation  • Just of Contactor  • Just of Contactor  • Just of Contacts for main contacts  • Just of NC contacts for main contacts  • Just of NC contacts for main current circuit at AC at 60 Hz  • Just of Contacts  • Just o	
<ul> <li>during storage</li> <li>during operation</li> <li>tountry of origin</li> <li>USA</li> <li>Intractor</li> <li>size of contactor</li> <li>number of NO contacts for main contacts</li> <li>number of NC contacts for main contacts</li> <li>perating voltage for main current circuit at AC at 60 Hz</li> <li>properating voltage for main current circuit at AC at 60 Hz</li> <li>properating voltage for main current circuit at AC at 60 Hz</li> <li>properating voltage for main current circuit at AC at 60 Hz</li> <li>properating contacts</li> <li>properating cont</li></ul>	
● during operation  -25 +40 °C  country of origin  USA  INTERPRETATION  Districtor  Size of contactor  Size of contactor  Size of contacts  A mumber of NO contacts for main contacts  For perating voltage for main current circuit at AC at 60 Hz  Size of main contacts  For perating voltage for main current circuit at AC at 60 Hz  Size of main contacts  Silver alloy,  Type of main contacts  Silver alloy,  Typical  Contact rating of the main contacts of lighting contactor	
country of origin  USA  Intactor  Size of contactor  Size of contactor  Size of contactor  Size of contacts  Size of contacts  Size of contacts  4  Size of contacts  7  Size of contacts for main contacts  7  Size alloy,  Size	
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size of contactor  number of NO contacts for main contacts  number of NC contacts for main contacts  perating voltage for main current circuit at AC at 60 Hz  naximum  Type of main contacts  nechanical service life (operating cycles) of the main contacts  ypical  contact rating of the main contacts of lighting contactor	
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operating voltage for main current circuit at AC at 60 Hz naximum  Type of main contacts nechanical service life (operating cycles) of the main contacts ypical contact rating of the main contacts of lighting contactor	
Type of main contacts  Silver alloy, mechanical service life (operating cycles) of the main contacts ypical contact rating of the main contacts of lighting contactor	
mechanical service life (operating cycles) of the main contacts  ypical  contact rating of the main contacts of lighting contactor	
contact rating of the main contacts of lighting contactor	double break
• with electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V	
rated value	/ 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
ixiliary contact	
number of NC contacts for auxiliary contacts 0	
number of NO contacts for auxiliary contacts 0	
number of total auxiliary contacts maximum 4	

type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value  apparent plotk-up power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent power by a power powe	contact rating of auxiliary contacts of contactor according to UL	NA	
type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • 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 pick-up power of magnet coil at AC  289 VA  Operating range factor control supply voltage rated value of magnet coil  reactions of protection NEMA rating of the enclosure  degree of protection NEMA rating of the enclosure  degree of protection NEMA rating of the enclosure  NA  **Counting/Writing**  mounting position  vertical  fastering method  type of electrical connection for supply voltage line-side  tightening torque [libriii] for supply  yee of electrical connection for supply waltum permissible  material of the conductor for supply waltum permissible  raterial of the conductor for supply waltum permissible  type of electrical connection for load-side outgoing feeder  stiphtening torque [libriii] for load-side outgoing feeder  material of the conductor for load-side outgoing feeder  stiphtening torque [libriii] or load-side outgoing feeder  material of the conductor for load-side outgoing feeder  waltum permissible  raterial of the conductor for load-side outgoing feeder  material of the conductor for load-side outgoing feeder  waltum permissible  yee of electrical connectable conductor cross-sections for AWG cables  for load-side outgoing redeer of the conductor for load-side outgoing feeder  waltum permissible  **To C**  **Counting Writing**  **To C**  **To			
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at AC at 50 Hz rated value at AC at 60 Hz rated value apparent pickup power of magnet coll at AC apparent holding power apparent holding		NO	
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type of electrical connection for load-side outgoing feeder 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 temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible 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 design of the short-circuit trip maximum short-circuit current breaking capacity (Icu)  • at 240 V • at 480 V • at 480 V • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	temperature of the conductor for supply maximum permissible	75 °C	
tightening torque [lbf-in] for load-side outgoing feeder  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  type of connectable conductor cross-sections of magnet coil fightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	material of the conductor for supply	CU	
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the fuse link for short-circuit protection of the main circuit required  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 480 V  • at 65 kA  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection for load-side outgoing feeder	Screw-type terminals	
for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  Most of the conductor at magnet coil maximum permissible  material of the sonductor at magnet coil  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 480 V  • at 65 kA  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	tightening torque [lbf·in] for load-side outgoing feeder	35 35 lbf·in	
maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508		2x (14 8 AWG)	
type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508		75 °C	
tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V • at 480 V • at 650 KA • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	material of the conductor for load-side outgoing feeder	CU	
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V • at 480 V • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals	
temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	tightening torque [lbf·in] at magnet coil	15 15 lbf·in	
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  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508		2x (18 14 AWG)	
design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508		75 °C	
design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  100kA@600V (Class R or J 40A max)  Thermal magnetic circuit breaker  24 kA  65 kA  25 kA	material of the conductor at magnet coil	CU	
circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Thermal magnetic circuit breaker  24 kA  65 kA  25 kA  NEMA ICS 2; UL 508	Short-circuit current rating		
maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  24 kA  25 kA  NEMA ICS 2; UL 508		100kA@600V (Class R or J 40A max)	
• at 240 V         • at 480 V         • at 600 V         certificate of suitability	design of the short-circuit trip	Thermal magnetic circuit breaker	
● at 480 V       65 kA         ● at 600 V       25 kA         certificate of suitability       NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (Icu)		
◆ at 600 V  certificate of suitability      NEMA ICS 2; UL 508	• at 240 V	24 kA	
certificate of suitability NEMA ICS 2; UL 508	• at 480 V	65 kA	
·	• at 600 V	25 kA	
Further information	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)

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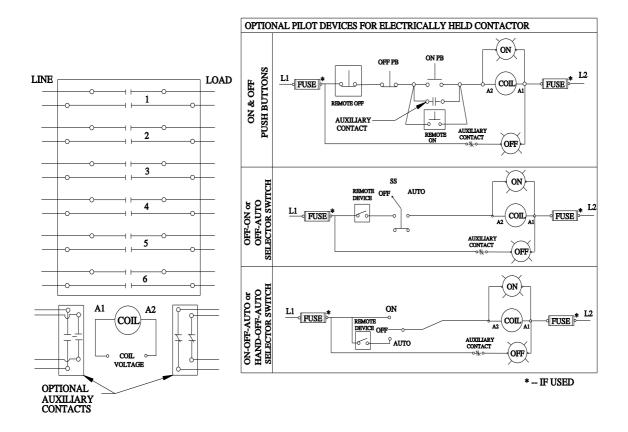
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C704240A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE00C704240A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE00C704240A&lang=en</a>

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last modified: 4/5/2023 🖸



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