SIEMENS

Data sheet US2:LCE00C704277A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 7 N.C. / 4 N.O. poles, 277V 60Hz / 240V 50Hz coil, Noncombination type, Enclosure NEMA type (open), No enclosure

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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	

contact rating of auxiliary contacts of contactor according to UL	NA
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	7.0
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	
Industrial Controls - Bradust Overview (Cataloga - Brashuras	

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

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Industry Mall (Online ordering system)

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

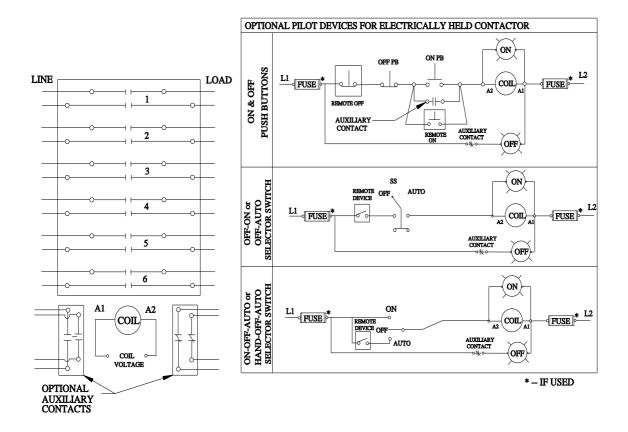
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:LCE00C704277A&lang=en

Certificates/approvals

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