SIEMENS

Data sheet

US2:LCE00C703347A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 7 N.C. / 3 N.O. poles, 347V 60Hz coil, Non-combination type, Enclosure NEMA type (open), No enclosure

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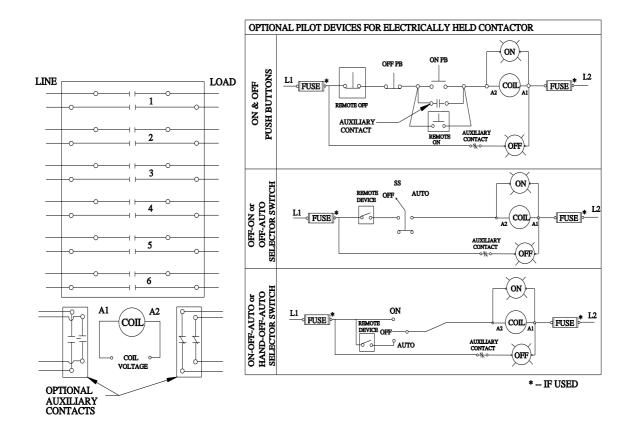
weight [ib] 3 lb Height x Width x Depth [in] 7.39 × 4.18 × 3.86 in touch protection against electrical shock Main circuit (finger-safe); Control circuit (finger-safe) installation altitude [fi] at height above sea level maximum 6560 ft ambient temperature ['F] -22 +149 °F • during operation -33 +65 °C • during operation -30 +65 °C • during operation -25 +40 °C contactor 30 Amp size of contactor 30 Amp number of NO contacts for main contacts 7 operating voltage for main current circuit at AC at 60 Hz 30 Amp maximum filter alloy, double break 100000 Type of main contacts 5 Silver alloy, double break 100000 et tungsten (1 pole per 1 phase) rated value 20A @277V 1p 1ph • at tungsten (2 poles per 3 phases) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at treistive load (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at treistive load (2 poles per 1 phase) rated value 30A @600V 3p 3p	product brand name	Class LC		
Interval technical data convertible between NO and NC eneral technical data	design of the product	Electrically held lighting contactor (convertible to mechanically held)		
weight [ib] 3 lb Height x Width x Depth [in] 7.39 x 4.18 x 3.86 in touch protection against electrical shock Main circuit (finger-safe); Control circuit (finger-safe) installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -22 +149 °F • during storage -22 +149 °F • during operation -33 +104 °F ambient temperature -30 +65 °C • during operation -25 +40 °C country of origin USA contactor 30 Amp number of NC contacts for main contacts 7 operating voltage for main contacts 7 operating voltage for main contacts 7 operating voltage for main contacts 100000 contact st typical 100000 contact st typical 20A @277V 1p 1ph • at tungsten (1 pole per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @600V V2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at ballast (2 poles per 1 phase) rated value	special product feature			
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number of total auxiliary contacts maximum 4		0		
		4		

contact rating of auxiliary contacts of contactor according	NA			
to UL				
Coil				
type of voltage of the control supply voltage	AC			
control supply voltage				
at AC at 60 Hz rated value	347 347 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 at 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 at 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 at 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			
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) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE00C703347A Service&Support (Manuals, Certificates, Characteristics, FAQs,)				

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C703347A

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:LCE00C703347A&lang=en Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C703347A/certificate



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