SIEMENS

Data sheet

US2:LCE02C103277A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 1 N.C. / 3 N.O. poles, 277V 60Hz / 240V 50Hz coil, Noncombination type, Enclosure NEMA type 12, Dust/drip proof for indoors

design of the product Electrically held lighting contactor (convertible to mechanically held) special product feature Electrically held input held input held product feature weight [b] 19 lb Height X Widh x Depth [m] 16 k 13 x 6 in touch protection against electrical shock NA for enclosed products installation altitude [t] at height above sea level maximum 660 ft ambient temperature [T] -22 +149 'F • during storage -22 +149 'F • during storage -30 +65 'C • during storage -30 +65 'C • during operation -31 +104 'F antibent temperature -30 +65 'C • during storage -30 +65 'C • during storage -30 +65 'C • during voltage for main contacts 3 number of NC contacts for main contacts 1 operating voltage for main contacts 1 operating voltage for main contacts 1 operating voltage for main contacts of lighting contactor 100000 • with electronic ballast [LED drivef] (t pole per 1 phase) 100 (# 120 V / 3A @277V 1p tph retid value <th>product brand name</th> <th>Class LC</th>	product brand name	Class LC
special product feature Electrically held convertible between NO and NC General tochnical data Image: No and NC weight [1b] 19 lb Height x Width x Depth [in] 16 k 13 x 6 in toch protection against electrical shock NA for enclosed products installation attitude [1] at height above sea level maximum 6560 ft ambient temperature [rF] - • during storage -22 +149 "F • during storage -30 +65 "C • during storage -30 +65 "C • during storage -25 +40 "C • during storage -30 +65 "C • during storage -25 +40 "C • during storage -30 +65 "C • during storage -30 +65 "C • during storage -30 Amp number of NC contacts for main contacts 1 operating voltage for main contacts 1 operating voltage for main contacts 1 operating voltage for main contacts of lighting contactor • With electronic ballast [LED driver] (t pole per 1 phase) • with electronic ballast [LED driver] (t pole per 1 phase) 10A @212VV 13A @277V 1p 1ph		Electrically held lighting contactor (convertible to mechanically held)
weight [b] 19 lb Height X Widh x Deph [in] 16 k 13 x 6 in fouch protection against electrical shock NA for enclosed products installation altitude [if] at height above sea level maximum 6660 ft ambient temperature [iF] -22 +149 "F • during storage -23 +104 "F ambient temperature -30 +65 °C • during operation 25 +40 °C country of origin USA Contactor 30 Amp number of NO contacts for main contacts 3 operating overlage for main contacts 1 outge for main contacts 100000 velta electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p tph rated value 20A @480V 2p 1ph 20A @480V 2p 1ph • at bulast (2 poles per 3 phases) rated value 20A @480V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph <td>special product feature</td> <td></td>	special product feature	
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Auxiliary contact number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0		30A @600V 3p 3ph
number of NO contacts for auxiliary contacts 0		
number of NO contacts for auxiliary contacts 0	number of NC contacts for auxiliary contacts	0
		0
		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	
• 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	NEMA Type 12
design of the housing	dustproof and drip-proof for indoor use
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
Approvals Certificates	
Test Certificates	

Test Certificates



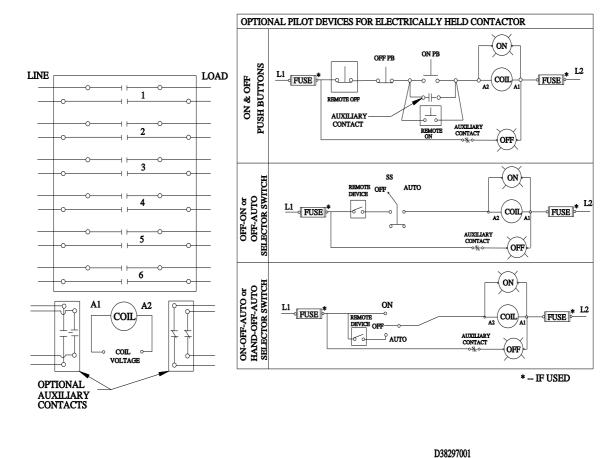
Further information

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:LCE02C103277A Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C103277A 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:LCE02C103277A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C103277A/certificate





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