SIEMENS

Data sheet US2:LCE02C207208A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 7 N.O. poles, 200-208V 60Hz coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

design of the product special product feature Electrically held convertible to mechanically between NO and NC General technical data weight [lb] Height x Width x Depth [in] touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation ambient temperature • during storage • during storage	• •
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weight [lb] Height x Width x Depth [in] 16 × 13 × 6 in touch protection against electrical shock Installation altitude [ft] at height above sea level maximum ambient temperature [°F] during storage during operation during storage during storage during storage during storage -22 +149 °F -13 +104 °F -30 +65 °C	
Height x Width x Depth [in] touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation • during storage	
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 during storage during operation ambient temperature during storage -22 +149 °F -13 +104 °F -30 +65 °C 	
◆ during operation −13 +104 °F ambient temperature ◆ during storage -30 +65 °C	
ambient temperature ● during storage -30 +65 °C	
• during storage -30 +65 °C	
during apparation	
• during operation -25 +40 °C	
country of origin USA	
Contactor	
size of contactor 30 Amp	
number of NO contacts for main contacts 7	
number of NC contacts for main contacts 2	
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 (operating cycles) of the main contacts typical	
contact rating of the main contacts of lighting contactor	
with electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph rated value	
• 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	

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 60 Hz rated value	200 208 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 (lcu)		
• 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:LCE02C207208A

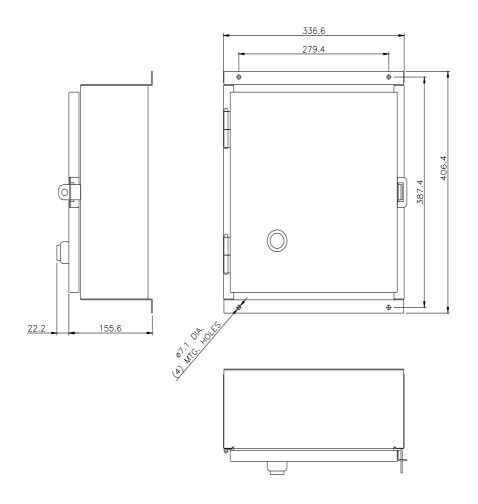
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

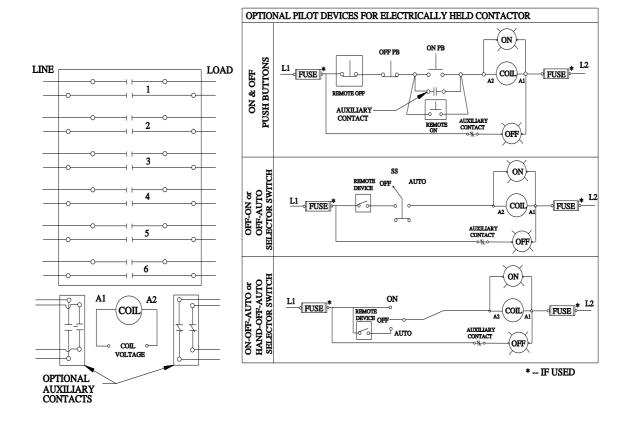
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C207208A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

Certificates/approvals

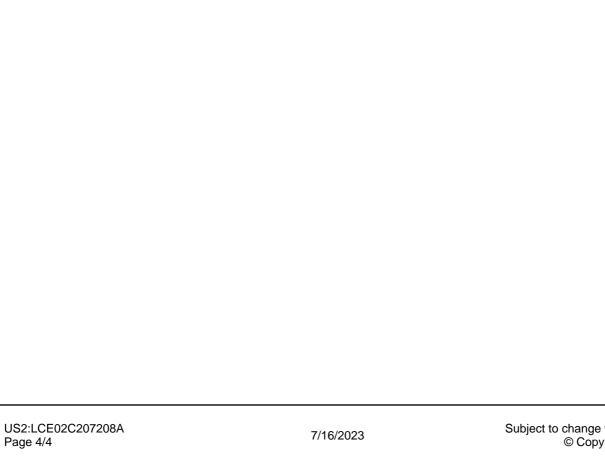
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