SIEMENS

Data sheet US2:LCE04C204480A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 4 N.O. poles, 460-480V 60Hz/440V 50Hz coil, Noncombination type, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

praid technical data ght [lb] 22 ght x Width x Depth [in] 11 ch protection against electrical shock 21 callation altitude [ft] at height above sea level maximum 32 bient temperature [°F] 42 during storage 42 during operation 53 bient temperature 43 during storage 43 during storage 43 during storage 43 during operation 54 during operation 54 during operation 55 dur	Electrically held lighting contactor (convertible to mechanically held) Electrically held convertible to mechanically held; Power poles convertible between NO and NC 20 lb 16 × 13 × 6 in NA for enclosed products 5560 ft 22 +149 °F 13 +104 °F
praid technical data ght [lb] 22 ght x Width x Depth [in] 11 ch protection against electrical shock 21 callation altitude [ft] at height above sea level maximum 32 bient temperature [°F] 42 during storage 42 during operation 53 bient temperature 43 during storage 43 during storage 43 during storage 43 during operation 54 during operation 54 during operation 55 dur	Electrically held convertible to mechanically held; Power poles convertible between NO and NC 20 lb 16 × 13 × 6 in NA for enclosed products 2560 ft 22 +149 °F
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intry of origin U	30 +65 °C
actor	25 +40 °C
	JSA
e of contactor 3	
	30 Amp
nber of NO contacts for main contacts 4	
nber of NC contacts for main contacts	2
erating voltage for main current circuit at AC at 60 Hz simum	500 V
pe of main contacts	Silver alloy, double break
chanical service life (operating cycles) of the main contacts ical	00000
stact rating of the main contacts of lighting contactor	
with electronic ballast [LED driver] (1 pole per 1 phase) rated value	0A @120V / 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
liary contact	
nber of NC contacts for auxiliary contacts 0	
nber of NO contacts for auxiliary contacts 0	
nber 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	440 V
at AC at 60 Hz rated value	460 480 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	0.85 1.1
magnet coil Enclosure	
degree of protection NEMA rating of the enclosure	NEMA 4x 304 stainless steel enclosure
design of the housing	dustproof, waterproof & resistant to corrosion
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	
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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:LCE04C204480A

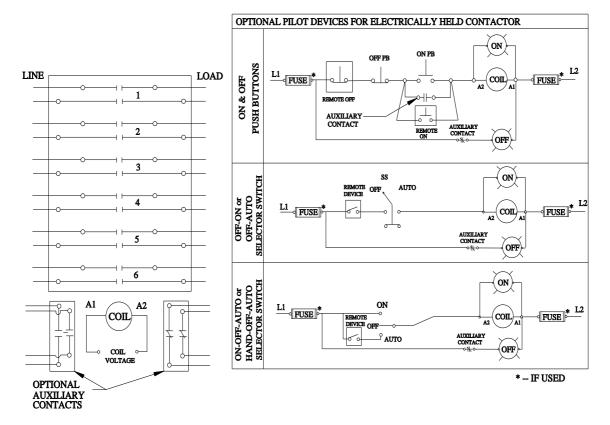
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C204480A

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:LCE04C204480A&lang=en

Certificates/approvals

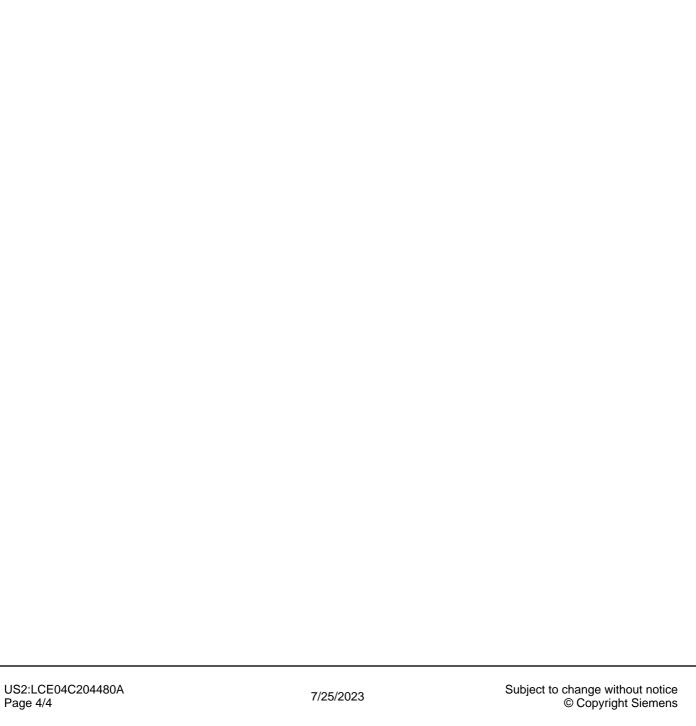
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