SIEMENS

Data sheet

US2:LCE04C011480A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 0 N.C. / 11 N.O. poles, 460-480V 60Hz/440V 50Hz coil, Noncombination type, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

weight [tb] 21 lb Height x Widh x Depth [in] 16 x 13 x 6 in touch protection against electrical shock NA for enclosed products installation altitude [tf] at height above sea level maximum 6560 ft ambient temperature ['F] - • during storage -22 +149 °F • during operation -31 +164 °F ambient temperature - • during operation -25 +40 °C • during operation -25 +40 °C contactor 30 Amp number of NC contacts for main contacts 11 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Silver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 vilt electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at ballast (1 pole per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph	product brand name	Class LC
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weight [b] 21 lb Height x Width x Depth [in] 16 x 13 x 6 in touch protection against electrical shock NA for enclosed products installation altitude [It] at height above sea level maximum 6560 ft ambient temperature ['F] - • during storage -22 +149 "F • during storage -30 +65 "C • during operation -25 +40 "C • during operation -25 +40 "C • country of origin USA Contactor 30 Amp number of NC contacts for main contacts 11 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 100000 • with electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 3p 3ph • at tungsten (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at tallast (1 pole per 1 phase) rated value 30A @600V 3p 3ph • at tallast (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at tallast (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at tallast (2 poles per 1 phase) rated value 30A @600V 3p 3ph	special product feature	
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number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0	• at resistive load (3 poles per 3 phases) rated value	30A @600V 3p 3ph
number of NO contacts for auxiliary contacts 0	Auxiliary contact	
	number of NC contacts for auxiliary contacts	0
number of total auxiliary contacts maximum 4	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 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 magnet coil	0.85 1.1
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 (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	

Further information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

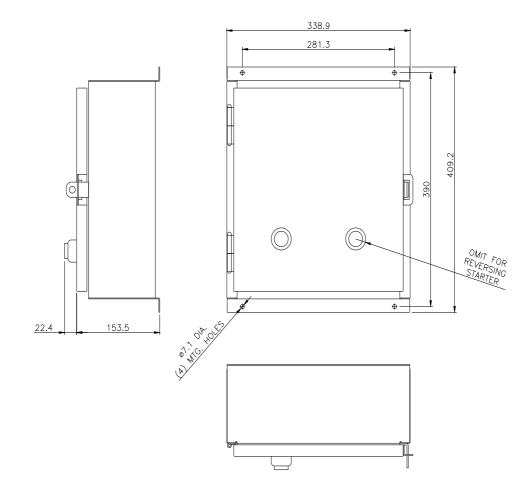
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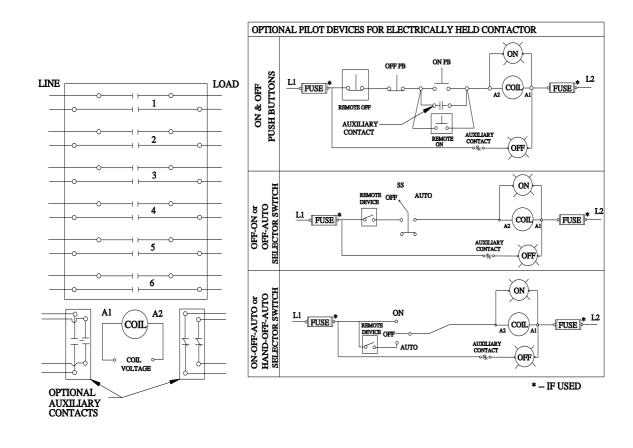
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