SIEMENS

Data sheet

US2:LEN01C012120B



Electrically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 12 N.O. Poles, 110VAC 50HZ/120VAC 60HZ coil, Non-combination type, (no disconnect device), Enclosure NEMA type 1, Indoor general purpose use

product brand name	Class LE	
design of the product	Electrically held lighting contactor	
special product feature	Compact design; Finger safe control terminals	
General technical data		
weight [lb]	24 lb	
Height x Width x Depth [in]	20 × 12 × 8 in	
touch protection against electrical shock	NA for enclosed products	
installation altitude [ft] at height above sea level maximum	6560 ft	
ambient temperature [°F]		
 during storage 	-67 +176 °F	
during operation	32 104 °F	
ambient temperature		
during storage	-55 +80 °C	
during operation	0 40 °C	
country of origin	USA	
Contactor		
size of contactor	30 Amp	
number of NO contacts for main contacts	12	
number of NC contacts for main contacts	0	
operating voltage for main current circuit at AC at 60 Hz maximum	600 V	
mechanical service life (operating cycles) of the main contacts typical	1000000	
contact rating of the main contacts of lighting contactor		
 with electronic ballast [LED driver] (1 pole per 1 phase) rated value 	16A @120V / 8A @277V 1p 1ph	
 at tungsten (1 pole per 1 phase) rated value 	30A @277V 1p 1ph	
 at tungsten (2 poles per 1 phase) rated value 	30A @480V 2p 1ph	
 at tungsten (3 poles per 3 phases) rated value 	30A @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 at contactor for auxiliary contacts	3	
number of NO contacts at contactor for auxiliary contacts	3	
number of total auxiliary contacts maximum	4	
contact rating of auxiliary contacts of contactor according to UL	A600 / Q600	
Coil		

type of voltage of the control supply voltage AC control supply voltage 110 V • at AC at 60 Hz rated value 120 V • at AC at 60 Hz rated value 120 V apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA apparent loking power of magnet coll at AC 28 2 VA <td< th=""><th></th><th></th></td<>		
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type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts maximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current rating100kA@600V (Class J 40A max)design of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu)24 kA• at 480 V65 kA• at 600 V14 kAcertificate of suitabilityNEMA ICS 2; UL 508A	type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
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maximum permissibleCUmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current rating100kA@600V (Class J 40A max)design of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 40A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu)24 kA• at 240 V24 kA• at 480 V65 kA• at 600 V14 kAcertificate of suitabilityNEMA ICS 2; UL 508A		2x (20 16 AWG), 2x (18 14 AWG)
Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 40A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 24 kA • at 240 V 24 kA • at 480 V 65 kA • at 600 V 14 kA certificate of suitability NEMA ICS 2; UL 508A		75 °C
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• at 240 V 24 kA • at 480 V 65 kA • at 600 V 14 kA certificate of suitability NEMA ICS 2; UL 508A	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V 65 kA • at 600 V 14 kA certificate of suitability NEMA ICS 2; UL 508A	maximum short-circuit current breaking capacity (Icu)	
• at 600 V 14 kA certificate of suitability NEMA ICS 2; UL 508A	• at 240 V	24 kA
certificate of suitability NEMA ICS 2; UL 508A	• at 480 V	65 kA
	• at 600 V	14 kA
Further information	certificate of suitability	NEMA ICS 2; UL 508A
	Further information	

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

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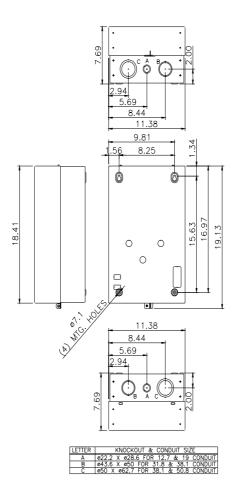
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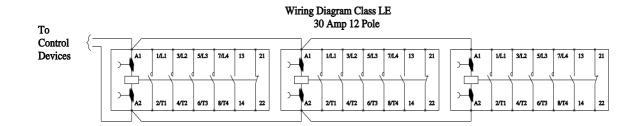
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