SIEMENS

Data sheet

US2:LEN00G003240A



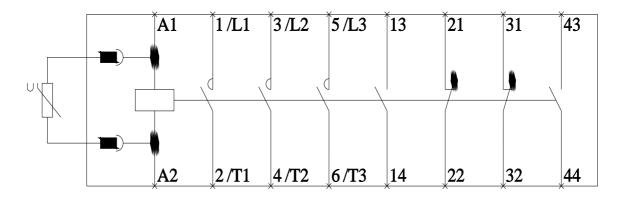
Electrically held lighting contactor, Contactor amp rating 300A, 0 N.C. / 3 N.O. Poles, 220VAC 50HZ/240VAC 60HZ coil, Non-combination type, (no disconnect device), Enclosure NEMA type (open), No enclosure

Figures	similar
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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]	18 lb
Height x Width x Depth [in]	8.57 × 5.92 × 8.24 in
touch protection against electrical shock	Main circuit (not finger-safe); Control circuit (finger-safe)
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	Germany
Contactor	
size of contactor	300 Amp
number of NO contacts for main contacts	3
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 (switching cycles) of the main contacts typical	1000000
contact rating of the main contacts of lighting contactor	
 at tungsten (1 pole per 1 phase) rated value 	300A @277V 1p 1ph
 at tungsten (2 poles per 1 phase) rated value 	300A @480V 2p 1ph
 at tungsten (3 poles per 3 phases) rated value 	300A @480V 3p 3ph
 at ballast (1 pole per 1 phase) rated value 	300A @277V 1p 1ph
 at ballast (2 poles per 1 phase) rated value 	300A @480V 2p 1ph
 at ballast (3 poles per 3 phases) rated value 	300A @480V 3p 3ph
 at resistive load (1 pole per 1 phase) rated value 	300A @600V 1p 1ph
 at resistive load (2 poles per 1 phase) rated value 	300A @600V 2p 1ph
 at resistive load (3 poles per 3 phases) rated value 	300A @600V 3p 3ph
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	2
number of NO contacts at contactor for auxiliary contacts	2
number of total auxiliary contacts maximum	4
contact rating of auxiliary contacts of contactor according to UL	A300 / Q300

Coil		
type of voltage of the control supply voltage	AC/DC	
control supply voltage		
• at DC rated value	220 240 V	
• at AC at 50 Hz rated value	220 240 V	
• at AC at 60 Hz rated value	220 240 V	
apparent pick-up power of magnet coil at AC	590 VA	
apparent holding power of magnet coil at AC	6.7 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	Open device (no enclosure)	
design of the housing	NA	
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	180 195 lbf·in	
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded	2x (2/0 AWG 500 MCM)	
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	180 195 lbf·in	
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded	2x (2/0 AWG 500 MCM)	
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	7 10 lbf·in	
type of connectable conductor cross-sections of magnet coil at 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	
type of electrical connection at contactor for auxiliary contacts	Screw-type terminals	
tightening torque [lbf-in] at contactor for auxiliary contacts	7 10 lbf·in	
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi- stranded	2x (18 14 AWG)	
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C	
material of the conductor at contactor for auxiliary contacts	CU	
Short-circuit current rating		
design of the fuse link for short-circuit protection of the main circuit required	100kA@600V (Class J 400A max)	
design of the short-circuit trip	Thermal magnetic circuit breaker	
breaking capacity maximum short-circuit current (Icu)		
• at 240 V	100 kA	
● at 480 V	100 kA	
• at 600 V	42 kA	
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No. 14	
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:LEN00G003240A Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:LEN00G003240A Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)		
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LEN00F G & H Wiring Diagram

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