SIEMENS

Data sheet US2:LEN04C006240B



Electrically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 6 N.O. Poles, 220VAC 50HZ/240VAC 60HZ coil, Non-combination type, (no disconnect device), Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

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]	39 lb
Height x Width x Depth [in]	16 × 13 × 6 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	6
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	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	A600 / Q600
Coil	

ype of voltage of the control supply voltage • at AC at 50 Hz rated value 220 V paparent holding power of magnet coil at AC paparent power power of magnet coil at AC paparent power		
at AC at 50 Hz rated value apparent pickup power of magnet coil at AC apparent holding power of magnet coil at AC apparent coil Enclosure design of protection NEMA rating of the enclosure design of the housing mounting position Surface mounting and installation Surface surface ins	type of voltage of the control supply voltage	AC
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type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible 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 design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 480 V • at 650 V certificate of suitability NEMA ICS 2; UL 508A	material of the conductor for load-side outgoing feeder	CU
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maximum permissible 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 design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) at 240 V at 480 V at 600 V Certificate of suitability NEMA 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 design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V Certificate of suitability NEMA ICS 2; UL 508A	·	75 °C
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maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability 24 kA 65 kA 14 kA NEMA ICS 2; UL 508A		100kA@600V (Class J 40A max)
 at 240 V at 480 V at 600 V certificate of suitability 24 kA 65 kA 14 kA NEMA ICS 2; UL 508A 	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V • at 600 V • at 600 V • certificate of suitability • NEMA ICS 2; UL 508A	maximum short-circuit current breaking capacity (Icu)	
at 600 V 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
	certificate of suitability	NEMA ICS 2; UL 508A
Approvals Certificates	Approvals Certificates	



Test Certificates

Further information

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

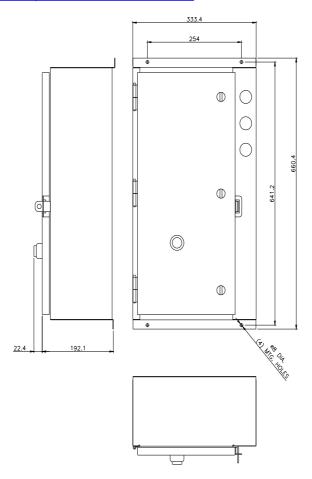
www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LEN04C006240B

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

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:LEN04C006240B&lang=en

Certificates/approvals
https://support.industry.siemens.com/cs/US/en/ps/US2:LEN04C006240B/certificate



Wiring Diagram Class LE 30 Amp 6 Pole To Control Devices 5/L3 13 3/L2 5/L3 A1 1/L1 3/L2 21 **A**1 1/L1 13 21 4/T2 6/T3 14 22 2/T1 4/T2 6/T3 22

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