## **SIEMENS**

## Data sheet US2:LEN02F003024A



Electrically held lighting contactor, Contactor amp rating 200A, 0 N.C. / 3 N.O. Poles, 24VAC 50/60HZ coil, Non-combination type, (no disconnect device), Enclosure NEMA type 12, Dust/drip proof for indoors

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]	35 lb
Height x Width x Depth [in]	25 × 18 × 13 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
<ul><li>during operation</li></ul>	32 104 °F
ambient temperature	
<ul> <li>during storage</li> </ul>	-55 +80 °C
during operation	0 40 °C
country of origin	USA
Contactor	
size of contactor	200 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	10000000
contact rating of the main contacts of lighting contactor	
<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	200A @277V 1p 1ph
<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	200A @480V 2p 1ph
<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	200A @480V 3p 3ph
<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	200A @347V 1p 1ph
<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	200A @600V 2p 1ph
<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	200A @600V 3p 3ph
<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	200A @600V 1p 1ph
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	200A @600V 2p 1ph
<ul> <li>at resistive load (3 poles per 3 phases) rated value</li> </ul>	200A @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

ype of voltage of the control supply voltage  at AC at 50 Hz rated value  at AC at 60 Hz rated value  at AC at 60 Hz rated value  23 26 V  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent power of magnet coil and apparent power of magnet coil at AC  apparent power of magnet coil and apparent power o	Coil		
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tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  breaking capacity maximum short-circuit current (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  7 10 lbf-in  2x (18 14 AWG)  75 °C  CU  Thermal magnetic circuit protection of the mone  100 kA  100 kA  25 kA  NEMA ICS 2; UL 508	material of the conductor for load-side outgoing feeder	CU	
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  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  breaking capacity maximum short-circuit current (Icu)  • at 240 V • at 480 V • at 480 V • at 600 V  Cu  100 kA  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals	
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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  design of the short-circuit trip  breaking capacity maximum short-circuit current (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  CU  Thermal magnetic circuit breaker  100 kA  100 kA  25 kA  NEMA ICS 2; UL 508		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  breaking capacity maximum short-circuit current (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 600 V  Certificate of suitability  NEMA ICS 2; UL 508		75 °C	
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main circuit required  design of the short-circuit trip  breaking capacity maximum short-circuit current (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Thermal magnetic circuit breaker  100 kA  100 kA  25 kA	Short-circuit current rating		
breaking capacity maximum short-circuit current (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  100 kA  25 kA  NEMA ICS 2; UL 508		none	
<ul> <li>at 240 V</li> <li>at 480 V</li> <li>at 600 V</li> <li>certificate of suitability</li> <li>100 kA</li> <li>25 kA</li> <li>NEMA ICS 2; UL 508</li> </ul>	design of the short-circuit trip	Thermal magnetic circuit breaker	
<ul> <li>at 480 V</li> <li>at 600 V</li> <li>certificate of suitability</li> <li>100 kA</li> <li>25 kA</li> <li>NEMA ICS 2; UL 508</li> </ul>	breaking capacity maximum short-circuit current (Icu)		
● at 600 V  certificate of suitability  25 kA  NEMA ICS 2; UL 508	• at 240 V	100 kA	
certificate of suitability NEMA ICS 2; UL 508	• at 480 V	100 kA	
	• at 600 V	25 kA	
Further information	certificate of suitability	NEMA ICS 2; UL 508	
	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:LEN02F003024A

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

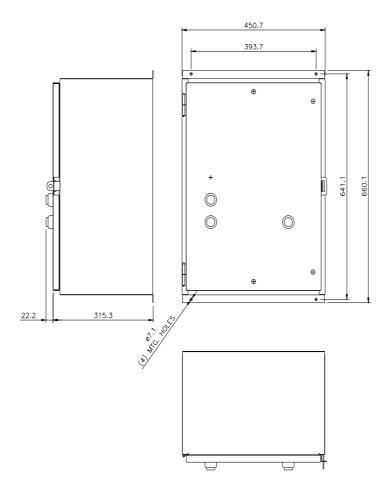
https://support.industry.siemens.com/cs/US/en/ps/US2:LEN02F003024A

 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LEN02F003024A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LEN02F003024A/certificate



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