SIEMENS

Data sheet US2:LEN01C012208B



Electrically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 12 N.O. Poles, 198VAC 50HZ/208VAC 60HZ coil, Non-combination type, (no disconnect device), Enclosure NEMA type 1, Indoor general purpose use

Figure similar

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 (switching cycles) of the main contacts typical	10000000
contact rating of the main contacts of lighting contactor	
 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

ype of voltage of the control supply voltage	Coil	
a AC at 50 Hz rated value apparent pick-up power of magnet coil at AC apparent holding power of magnet coil apparent holding power holding	type of voltage of the control supply voltage	AC
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil agree of protection NEMA rating of the enclosure design of the housing indoors, usable on a general basis Mounting withing mounting position Vertical Sastening method Vype of electrical connection for supply voltage line-side tightening torque [thiri] for supply Vpe of onenetable conductor for supply maximum permissible material of the conductor for supply Vpe of electrical connection for totad-side outgoing feeder Vpp of electrical connection for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder material of the conductor of road-side outgoing feeder specification for the form of the conductor of the conductor of the conductor of the conductor	control supply voltage	
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of magnet coll Enclosure design of protection NEMA rating of the enclosure design of the housing mounting position Surface mounting and installation S	apparent holding power of magnet coil at AC	28.2 VA
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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 600 V certificate of suitability NEMA ICS 2; UL 508A		75 °C
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 100kA@600V (Class J 40A max) Thermal magnetic circuit breaker 24 kA 65 kA 14 kA	material of the conductor at contactor for auxiliary contacts	CU
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 24 kA 65 kA 14 kA NEMA ICS 2; UL 508A	Short-circuit current rating	
breaking capacity maximum short-circuit current (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability 24 kA NEMA ICS 2; UL 508A		100kA@600V (Class J 40A max)
breaking capacity maximum short-circuit current (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability 24 kA NEMA ICS 2; UL 508A	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V • at 600 V	breaking capacity maximum short-circuit current (Icu)	
• at 600 V certificate of suitability 14 kA 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)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LEN01C012208B

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

https://support.industry.siemens.com/cs/US/en/ps/US2:LEN01C012208B

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:LEN01C012208B&lang=en

Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:LEN01C012208B/certificate

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