SIEMENS

Data sheet

US2:CLM1E03120



Mechanically held lighting contactor, Contactor amp rating 100A, 0 N.C. / 3 N.O. poles, 110VAC 50HZ/120VAC 60HZ coil, Non-combination type, Enclosure NEMA type 1, Indoor general purpose use

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product brand name	Class CLM
design of the product	Magnetically latched lighting contactor
special product feature	Energy efficient; Quiet operation
General technical data	
weight [lb]	25 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
country of origin	USA
Contactor	
size of contactor	100 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	500000
contact rating of the main contacts of lighting contactor	
 at tungsten (1 pole per 1 phase) rated value 	100A @277V 1p 1ph
 at tungsten (2 poles per 1 phase) rated value 	100A @480V 2p 1ph
 at tungsten (3 poles per 3 phases) rated value 	100A @480V 3p 3ph
 at ballast (1 pole per 1 phase) rated value 	100A @347V 1p 1ph
 at ballast (2 poles per 1 phase) rated value 	100A @600V 2p 1ph
 at ballast (3 poles per 3 phases) rated value 	100A @600V 3p 3ph
 at resistive load (1 pole per 1 phase) rated value 	100A @347V 1p 1ph
 at resistive load (2 poles per 1 phase) rated value 	100A @600V 2p 1ph
 at resistive load (3 poles per 3 phases) rated value 	100A @600V 3p 3ph
Auxiliary contact	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of total auxiliary contacts maximum	4
contact rating of auxiliary contacts of contactor according to UL	NA
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	
• at AC at 50 Hz rated value	110 V
• at AC at 60 Hz rated value	120 V
apparent pick-up power of magnet coil at AC	900 VA

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IL 508; CSA 22.2, No. 14

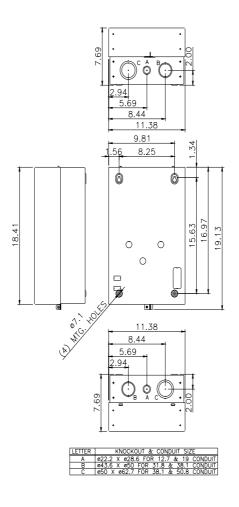
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:CLM1E03120

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:CLM1E03120

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:CLM1E03120&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM1E03120/certificate



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