SIEMENS

Data sheet

US2:CLM2C06024



Mechanically held lighting contactor, Contactor amp rating 30Amp 0NC $_6NO$ poles, 24VAC 60HZ coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

product brand name Class CLM design of the product Magnetically latched lighting contactor special product feature Energy efficient: Quiet operation General technical data			
special product feature Energy efficient; Quiet operation Gancral technical data	product brand name	Class CLM	
General technical data 20 ib Weight [Ib] 20 ib Height X With X Deph [in] 16 × 13 × 6 in touch protection against electrical shock NA for enclosed products installation altitude [It] at height above sea level maximum 6560 ft country of origin USA Contactor 30 Amp number of NC contacts for main contacts 6 onumber of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V machinals service life (operating cycles) of the main contacts 10000000 contact ating of the main contacts of lighting contactor at lungsten (1p lope per 1 phase) rated value at lungsten (2 poles per 1 phase) rated value 30A @247V 1p 1ph at lungsten (2 poles per 1 phase) rated value 30A @2480 3p 3ph at ballest (1 pole per 1 phase) rated value 30A @2480 3p 3ph at ballest (2 poles per 1 phase) rated value 30A @2480 3p 3ph at ballest (2 poles per 1 phase) rated value 30A @2600 2p 1ph at ballest (2 poles per 1 phase) rated value 30A @2600 2p 1ph at resistive load (3 poles per 1 phase) rated value 30A @200 3p 3ph	design of the product	Magnetically latched lighting contactor	
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operating range factor control supply voltage rated value of 0.85 1.1	apparent pick-up power of magnet coil at AC	820 VA	
magnet coil	apparent holding power of magnet coil at AC	80 VA	
		0.85 1.1	
	Enclosure		

degree of protection NEMA rating of the enclosure	NEMA 12 enclosure
design of the housing	dustproof and drip-proof for indoor use
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	18 20 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	2x (14 8 AWG)
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	18 20 lbf-in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	2x (14 8 AWG)
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	8 12 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	2x (16 12 AWG)
temperature of the conductor at magnet coil maximum permissible	75 °C
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	none
design of the short-circuit trip	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (Icu)	
• at 240 V	5 kA
• at 480 V	5 kA
• at 600 V	5 kA
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:CLM2C06024

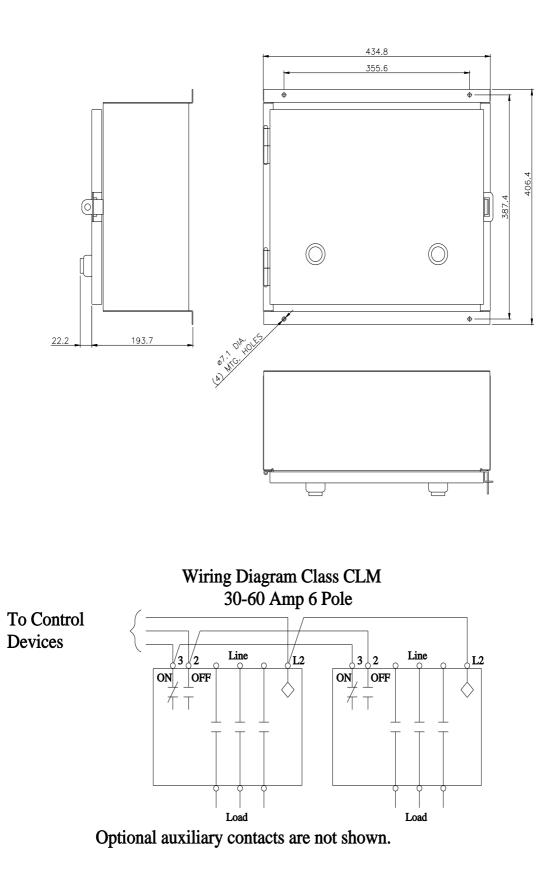
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2C06024

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:CLM2C06024&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2C06024/certificate



E87010-A0410-T009-A1-CLM-2

7/23/2023