SIEMENS

Data sheet

US2:CLM2D12024



Mechanically held lighting contactor, Contactor amp rating 60Amp 0NC _ 12NO 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 General technical data	product brand name	Class CLM
General technical data 20 lb weight [b] 20 lb Height x Width x Depth [n] 18 x 21 x 7 in focult protection against electrical shock NA for enclosed products installation altitude [t] at height above sea level maximum 6560 ft country of origin USA Contactor 60 Amp number of NC contacts for main contacts 12 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 Q maximum 600 Aga277V 1p 1ph eat tungsten (1 pole per 1 phase) rated value 60A Q480V 2p 1ph eat tungsten (2 poles per 1 phase) rated value 60A Q480V 2p 3ph eat tungsten (2 poles per 1 phase) rated value 60A Q480V 2p 3ph eat taristif (2 poles per 3 phases) rated value 60A Q480V 2p 3ph eat taristif (2 poles per 3 phases) rated value 60A Q480V 2p 3ph eat traistif (2 poles per 3 phases) rated value 60A Q460V 2p 1ph eat traistif (2 poles per 3 phases) rated value 60A Q460V 2p 1ph eat traistif (2 poles per 3 phases) rated value 60A Q460V 2p 1ph eat traistif (2 poles per 3 phases) rated value 60A	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	1230 VA
magnet coil	apparent holding power of magnet coil at AC	120 VA
Enclosure		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	Box lug
tightening torque [lbf-in] for supply	45 50 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	1x (14 4 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder	Box lug
tightening torque [lbf-in] for load-side outgoing feeder	45 50 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	1x (14 4 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	AL or 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 Prochures	

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:CLM2D12024

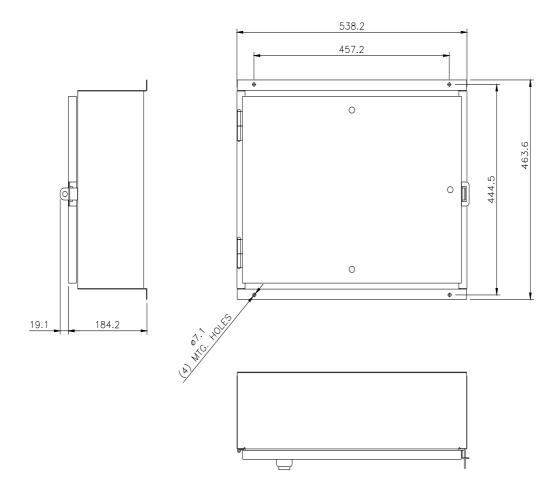
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

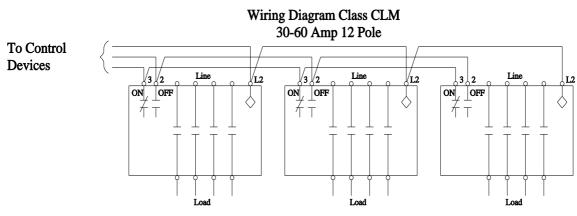
https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2D12024

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:CLM2D12024&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2D12024/certificate







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