SIEMENS

Data sheet

US2:CLM0C12024

Mechanically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 12 N.O. poles, 24VAC 60HZ coil, Non-combination type, Enclosure NEMA type (open), No enclosure



product brand name Class CLM design of the product Magnetically latched lighting contactor special product feature Energy efficient, Quiet operation @emight [Ib] 13 lb Height X Widh x Depth [In] 5.87 × 11.75 × 4.86 in fouch protection against electrical shock Not finger-safe installation allitude [If] at height above sea level maximum 6560 ft country of origin USA Contactor 30 Amp number of NC contacts for main contacts 12 number of NC contacts for main contacts 0 operating voldinge for main contacts 0 operating voldinge for main contacts of lighting contactor 4000 V e at tungsten (1 pole per 1 phase) rated value 30A @277V 1p 1ph e at tungsten (2 poles per 1 phase) rated value 30A @480V 2p 1ph e at tungsten (2 poles per 3 phases) rated value 30A @277V 1p 1ph e at ballast (1 pole per 1 phase) rated value 30A @277V 1p 1ph e at ballast (2 poles per 1 phase) rated value 30A @207V 1p 1ph e at ballast (2 poles per 1 phase) rated value 30A @207V 1p 1ph e at ballast (2 poles per 1 phase) rated value			
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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	Open device (no enclosure)
design of the housing	NA
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 (lcu)	
• 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	
Inductrial Controls Droduct Quantieur (Catalogo Brochurso	

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:CLM0C12024

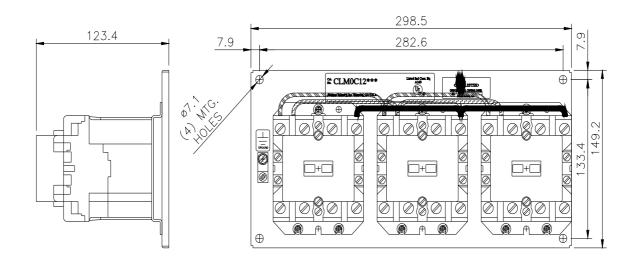
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

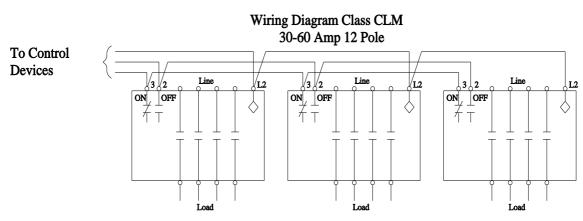
https://support.industry.siemens.com/cs/US/en/ps/US2:CLM0C12024

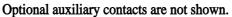
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:CLM0C12024&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM0C12024/certificate







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