SIEMENS

Data sheet

US2:CLM2D08024



Mechanically held lighting contactor, Contactor amp rating 60Amp 0NC _ 8NO 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 @eneral technical data		
special product feature Energy efficient; Quiet operation General technical data	product brand name	Class CLM
General achnical data 20 lb weight [b] 20 lb Height x Width x Depth [in] 16 x 13 x 6 in fouch protection against electrical shock NA for enclosed products installation altitude [1] at height above sea level maximum 6560 ft country of origin USA Contactor 60 Amp number of NC contacts for main contacts 8 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 Q ext traing of the main contacts 10000000 vigges (1) pole per 1 phase) rated value 60A @277V 1p 1ph eit tungsten (2) poles per 1 phase) rated value 60A @480V 2p 1ph eit tungsten (2) poles per 1 phase) rated value 60A @480V 2p 3ph eit at ballast (2) poles per 3 phases) rated value 60A @480V 2p 3ph eit at ballast (2) poles per 3 phases) rated value 60A @600V 2p 1ph eit at ballast (2) poles per 3 phases) rated value 60A @600V 2p 1ph eit at ballast (2) poles per 3 phases) rated value 60A @600V 2p 1ph eit at seistive load (2)	design of the product	Magnetically latched lighting contactor
weight [b] 20 lb Height X Width x Depth [in] 16 × 13 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [tt] at height above sea level maximum 6560 ft contractor 60 Amp number of NO contacts for main contacts 8 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V mexhanical service life (operating cycles) of the main contacts 10000000 typical 10000000 contact rating of the main contacts of lighting contactor 60A @2277V 1p 1ph e at tungsten (1 pole per 1 phase) rated value 60A @480V 2p 1ph e at tungsten (2 poles per 1 phase) rated value 60A @340V 2p 1ph e at tungsten (2 poles per 1 phase) rated value 60A @340V 2p 1ph e at balast (1 pole per 1 phase) rated value 60A @360V 2p 1ph e at balast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at balast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 3p 3ph </td <td>special product feature</td> <td>Energy efficient; Quiet operation</td>	special product feature	Energy efficient; Quiet operation
Height X Width × Depth [in] 16 × 13 × 6 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 60 Amp size of contacts for main contacts 8 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum ft60 (gr and ft) methanical service life (operating cycles) of the main contacts 0 operating voltage for main current circuit at AC at 60 Hz 60A @277V tp 1ph eat tungsten (1 pole per 1 phase) rated value 60A @480V 2p tph eat tungsten (2 poles per 1 phase) rated value 60A @480V 2p tph eat tungsten (2 poles per 1 phase) rated value 60A @600V 2p tph eat tallast (1 pole per 1 phase) rated value 60A @600V 2p tph eat testistive load (1 pole per 1 phase) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph eat resistive load (2 po	General technical data	
Iouch protection against electrical shock NA for enclosed products installation altitude [I] at height above sea level maximum 6560 ft country of origin USA Contactor 60 Amp number of NO contacts for main contacts 8 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum mechanical service life (operating cycles) of the main contacts fypical 10000000 contact rating of the main contacts of lighting contactor 60A @480V 2p tph e at ungsten (1 pole per 1 phase) rated value 60A @480V 3p 3ph e at tungsten (2 poles per 1 phase) rated value 60A @480V 3p 3ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (1 pole per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated	weight [lb]	20 lb
Installation altitude [ft] at height above sea level maximum 6560 ft contactor USA Contactor 60 Amp number of NO contacts for main contacts 8 number of NC contacts for main contacts 0 operating voltage for main contacts 10000000 wpical 10000000 wpical 10000000 vpical 1000000 at langsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph at tablast (1 po	Height x Width x Depth [in]	16 × 13 × 6 in
country of origin USA Contactor 60 Amp number of NC contacts for main contacts 8 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 800 V maximum 600 Q maximum 600 Q methanical service life (operating cycles) of the main contacts 10000000 typical contact rating of the main contacts of lighting contactor e at tungsten (1 pole per 1 phase) rated value 60A @277V 1p 1ph e at tungsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph e at tungsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph e at balast (1 pole per 1 phase) rated value 60A @600V 2p 1ph e at balast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at balast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at balast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph e at resisti	touch protection against electrical shock	NA for enclosed products
Size of contactor 60 Amp number of NC contacts for main contacts 8 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V mechanical service life (operating cycles) of the main contacts 10000000 typical 10000000 contact rating of the main contacts of lighting contactor 60A @277V 1p 1ph eat tungsten (1 pole per 1 phase) rated value 60A @480V 2p 1ph eat tungsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph eat tungsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph eat tabilast (1 pole per 1 phase) rated value 60A @600V 2p 1ph eat ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph eat tabilast (3 poles per 3 phases) rated value 60A @600V 2p 1ph eat resistive load (1 pole per 1 phase) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph <t< td=""><td>installation altitude [ft] at height above sea level maximum</td><td>6560 ft</td></t<>	installation altitude [ft] at height above sea level maximum	6560 ft
size of contactor 60 Amp number of NC contacts for main contacts 8 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V mechanical service life (operating cycles) of the main contacts 10000000 typical contact rating of the main contacts of lighting contactor 60A @277V 1p 1ph eat tungsten (1 pole per 1 phase) rated value 60A @480V 2p 1ph eat tungsten (2 poles per 3 phases) rated value eat ballast (1 pole per 1 phase) rated value 60A @480V 2p 1ph eat ballast (2 poles per 3 phases) rated value eat ballast (2 poles per 1 phase) rated value 60A @600V 2p 3ph eat ballast (2 poles per 1 phase) rated value eat ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph eat censistive load (2 poles per 1 phase) rated value eat selistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 1 phase) rated value eat resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph eat resistive load (2 poles per 1 phase) rated value eat resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph eat resistive load (3 poles per 3 phases) rated value eat resistive load (3 poles per 3 phases) rated value 60A @600V 2p 1ph eat resistive load (3 poles per 3 phases) rated value eat resistiv	country of origin	USA
number of NO contacts for main contacts 8 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V mechanical service life (operating cycles) of the main contacts typical 10000000 contact rating of the main contacts of lighting contactor 10000000 e at tungsten (1 pole per 1 phase) rated value 60A @277V 1p 1ph e at tungsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph e at tungsten (2 poles per 1 phase) rated value 60A @480V 3p 3ph e at ballast (2 poles per 1 phase) rated value 60A @480V 3p 3ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 3p 3ph e at ballast (2 poles per 1 phase) rated value 60A @600V 3p 3ph e at ballast (3 poles per 3 phases) rated value 60A @600V 3p 3ph e at resistive load (1 pole per 1 phase) rated value 60A @600V 3p 3ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 3p 3ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 3p 3ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 3p 3ph mumber of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number	Contactor	
number of NC contacts for main corrent circuit at AC at 60 Hz 600 V maximum 600 V mechanical service life (operating cycles) of the main contacts 10000000 typical 10000000 contact rating of the main contacts of lighting contactor 604 @4277V 1p 1ph e at tungsten (1 pole per 1 phase) rated value 60A @480V 2p 1ph e at tungsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph e at ballast (1 pole per 1 phase) rated value 60A @480V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 3p 3ph Auxiliary contacts 0 0 number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 <td>size of contactor</td> <td>60 Amp</td>	size of contactor	60 Amp
operating voltage for main current circuit at AC at 60 Hz maximum 600 V mechanical service life (operating cycles) of the main contacts typical 10000000 contact rating of the main contacts of lighting contactor 60A @277V 1p 1ph e at tungsten (1 pole per 1 phase) rated value 60A @480V 2p 1ph e at tungsten (2 poles per 3 phases) rated value 60A @480V 3p 3ph e at ballast (1 pole per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 3p 3ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 3p 3ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 3p 3ph e at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 3p 3ph Auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts of contactor according to UL NA Coil V type of voltage of the control supply voltage AC	number of NO contacts for main contacts	8
maximum 1000000 mechanical service life (operating cycles) of the main contacts 10000000 contact rating of the main contacts of lighting contactor 60A @277V 1p 1ph • at tungsten (1 pole per 1 phase) rated value 60A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 60A @480V 3p 3ph • at tungsten (3 poles per 3 phases) rated value 60A @480V 3p 3ph • at ballast (1 pole per 1 phase) rated value 60A @600V 3p 3ph • at ballast (2 poles per 1 phase) rated value 60A @600V 3p 3ph • at resistive load (1 pole per 1 phase) rated value 60A @600V 2p 1ph • at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph Mumber of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number of NC contacts of contacts of contactor according to UL NA Coll V type of voltage of the control supply voltage AC control supply voltage AC <td< td=""><td>number of NC contacts for main contacts</td><td>0</td></td<>	number of NC contacts for main contacts	0
typical contact rating of the main contacts of lighting contactor e at tungsten (1 pole per 1 phase) rated value 60A @277V 1p 1ph e at tungsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph e at tungsten (3 poles per 3 phases) rated value 60A @480V 2p 1ph e at ballast (1 pole per 1 phase) rated value 60A @600V 2p 1ph e at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at ballast (3 poles per 3 phases) rated value 60A @600V 2p 1ph e at ballast (3 poles per 3 phases) rated value 60A @600V 2p 1ph e at resistive load (1 pole per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph e at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 3ph number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contact rator according to UL <td></td> <td>600 V</td>		600 V
• at tungsten (1 pole per 1 phase) rated value 60A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 60A @480V 2p 1ph • at tungsten (3 poles per 3 phases) rated value 60A @480V 3p 3ph • at ballast (1 pole per 1 phase) rated value 60A @347V 1p 1ph • at ballast (2 poles per 1 phase) rated value 60A @600V 3p 3ph • at ballast (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (1 pole per 1 phase) rated value 60A @600V 2p 1ph • at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph • at resistive load (2 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 0A @600V 4ph • number o		1000000
• at turgsten (2 poles per 1 phase) rated value60A @480V 2p 1ph• at turgsten (3 poles per 3 phases) rated value60A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value60A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value60A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value60A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value60A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value60A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value60A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value60A @600V 3p 3phAuxiliary contact0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0number of No contacts of contactor according to ULNACoilVtype of voltage of the control supply voltageAC• at AC at 60 Hz rated value24 Vapparent pick-up power of magnet coil at AC80 VAoperating range factor control supply voltage rated value of0.85 1.1	contact rating of the main contacts of lighting contactor	
• at tungsten (3 poles per 3 phases) rated value 60A @480V 3p 3ph • at ballast (1 pole per 1 phase) rated value 60A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 60A @600V 3p 3ph • at ballast (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (1 pole per 1 phase) rated value 60A @600V 2p 1ph • at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph • at resistive load (2 poles per 3 phases) rated value 60A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 0 • number of NC contacts for auxiliary contacts 0 • number of NO contacts of co	 at tungsten (1 pole per 1 phase) rated value 	60A @277V 1p 1ph
• at ballast (1 pole per 1 phase) rated value60A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value60A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value60A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value60A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value60A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value60A @600V 3p 3phAuxiliary contact0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0number of total auxiliary contacts of contactor according to ULNAcontact rating of auxiliary contacts of contactor according to ULNAcontol supply voltageACcontrol supply voltageAC• at AC at 60 Hz rated value24 Vapparent pick-up power of magnet coil at AC1200 VAapparent holding power of magnet coil at AC80 VAoperating range factor control supply voltage rated value of0.85 1.1	 at tungsten (2 poles per 1 phase) rated value 	60A @480V 2p 1ph
 at ballast (2 poles per 1 phase) rated value 60A @600V 2p 1ph at ballast (3 poles per 3 phases) rated value 60A @600V 3p 3ph at resistive load (1 pole per 1 phase) rated value 60A @600V 2p 1ph at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph at resistive load (3 poles per 3 phases) rated value 60A @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 for auxiliary contacts 0 number of total auxiliary contacts for contacts of contactor according to UL NA Coil V type of voltage of the control supply voltage AC control supply voltage 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	 at tungsten (3 poles per 3 phases) rated value 	60A @480V 3p 3ph
 at ballast (3 poles per 3 phases) rated value 60A @600V 3p 3ph at resistive load (1 pole per 1 phase) rated value 60A @347V 1p 1ph at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph Auxiliary contact number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of total auxiliary contacts of contactor according to UL NA Coil V type of voltage of the control supply voltage AC control supply voltage 4 • at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of 0.85 1.1	 at ballast (1 pole per 1 phase) rated value 	60A @347V 1p 1ph
• at resistive load (1 pole per 1 phase) rated value 60A @347V 1p 1ph • at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph Auxiliary contact 60A @600V 3p 3ph number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of total auxiliary contacts of contactor according to UL NA Coil Value type of voltage of the control supply voltage AC control supply voltage 4 • at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of 0.85 1.1	 at ballast (2 poles per 1 phase) rated value 	60A @600V 2p 1ph
• at resistive load (2 poles per 1 phase) rated value 60A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph Auxiliary contact 60A @600V 3p 3ph 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 V type of voltage of the control supply voltage AC control supply voltage 4 • at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	 at ballast (3 poles per 3 phases) rated value 	60A @600V 3p 3ph
• at resistive load (3 poles per 3 phases) rated value 60A @600V 3p 3ph Auxiliary contact 0 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 NA type of voltage of the control supply voltage AC control supply voltage 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	 at resistive load (1 pole per 1 phase) rated value 	60A @347V 1p 1ph
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 NA type of voltage of the control supply voltage AC control supply voltage	 at resistive load (2 poles per 1 phase) rated value 	60A @600V 2p 1ph
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 NA type of voltage of the control supply voltage AC control supply voltage AC • at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	 at resistive load (3 poles per 3 phases) rated value 	60A @600V 3p 3ph
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 NA type of voltage of the control supply voltage AC control supply voltage AC • at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	Auxiliary contact	
number of total auxiliary contacts maximum 4 contact rating of auxiliary contacts of contactor according to UL NA Coil NA control supply voltage AC • at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	number of NC contacts for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL NA Coil	number of NO contacts for auxiliary contacts	0
Coil type of voltage of the control supply voltage AC control supply voltage 4C • at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	number of total auxiliary contacts maximum	4
type of voltage of the control supply voltage AC control supply voltage	contact rating of auxiliary contacts of contactor according to UL	NA
control supply voltage 24 V • at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	Coil	
at AC at 60 Hz rated value 24 V apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil	type of voltage of the control supply voltage	AC
apparent pick-up power of magnet coil at AC 1200 VA apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	control supply voltage	
apparent holding power of magnet coil at AC 80 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1	 at AC at 60 Hz rated value 	24 V
operating range factor control supply voltage rated value of 0.85 1.1	apparent pick-up power of magnet coil at AC	1200 VA
magnet coil	apparent holding power of magnet coil at AC	80 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 - Broduct Overview (Catalogs, Brochures	

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:CLM2D08024

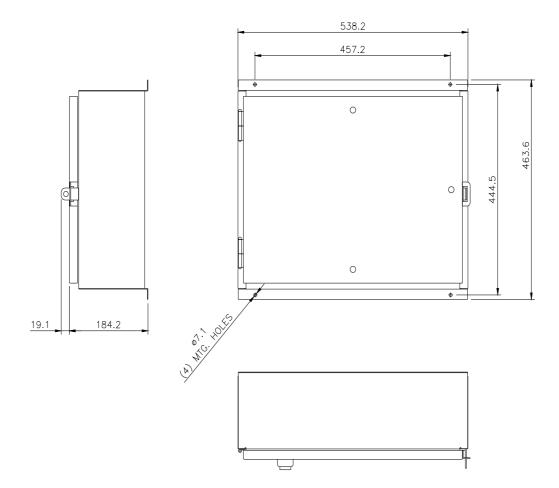
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

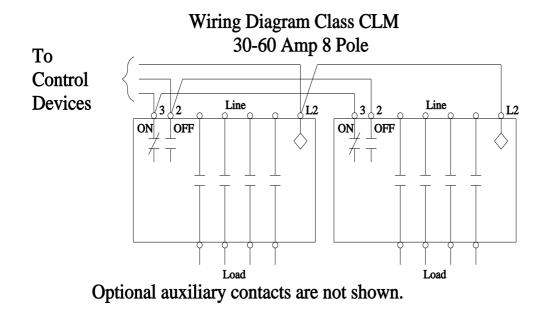
https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2D08024

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:CLM2D08024&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2D08024/certificate





E87010-A0410-T009-A1-CLM-3

1/25/2022 🖸