## SIEMENS

## Data sheet

## US2:CLM0D12277

Mechanically held lighting contactor, Contactor amp rating 60A, 0 N.C. / 12 N.O. poles, 277VAC 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           General technical data         weight [b]           Height X With x Depth [in]         5.87 × 16.75 × 5.19 in           touch protection against electrical shock         Not finger-safe           installation allutide [ft] at height above sea level maximum         6560 ft           country of origin         USA           Contactor         600 Amp           number of NO contacts for main contacts         12           number of NO contacts for main contacts         0           operating voltage for main curred ta AC at 60 Hz         600 V           maschand service life (operating cycles) of the main contacts         10000000           typical         10000000           ontactor of these per 1 phase) rated value         60A 4800 V2 p1 ph           e at tungsten (2 poles per 1 phase) rated value         60A 4800 V3 p3 ph           e at ballast (1 pole per 1 phase) rated value         60A 4800 V3 p3 ph           e at ballast (2 poles per 1 phase) rated value         60A 4800 V3 p3 ph           e at ballast (2 poles per 1 phase) rated value         60A 4800 V3 p3 ph           e at ballast (2 poles per 1 phase) rated value         60A			
special product feature         Energy efficient; Quiet operation           General technical data	product brand name	Class CLM	
General technical data       13 lb         Weight [Ib]       13 lb         Height X Widh x Deph [in]       5.87 × 16.75 × 5.19 in         Touch protection against electrical shock       Not finger-safe         installation attitude [I] 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 277V 1p tph         • at tungsten (1 pole per 1 phase) rated value       60A @277V 1p tph         • at tungsten (2 poles per 1 phase) rated value       60A @2480V 2p tph         • at tungsten (2 poles per 1 phase) rated value       60A @480V 2p tph         • at tungsten (2 poles per 1 phase) rated value       60A @480V 2p tph         • at ballast (1 pole per 1 phase) rated value       60A @480V 2p tph         • at ballast (2 poles per 1 phase) rated value       60A @000V 2p tph         • at tesistive load (2 poles per 1 phase) rated value       60A @000V 2p tph         • at tesistive load (2 poles per 1 phase) rated value       60A @000V 2p tph         • at tesistive load (2 poles per 1 phase) rated value       60A @000V 2p tph <td< td=""><td>design of the product</td><td>Magnetically latched lighting contactor</td></td<>	design of the product	Magnetically latched lighting contactor	
weight [b]       13 lb         Height X Widh x Deph [in]       5.87 × 16.75 × 5.19 in         fouch protection against electrical shock       Not finger-safe         installation allitude [t] at height above sea level maximum       6560 ft         contactor       60 Amp         number of NO 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       mechanical service life (operating cycles) of the main contacts       0         restation service life (operating cycles) of the main contacts       1000000         typical       1000000       00 V         ext tungsten (1 pole per 1 phase) rated value       60A @480V 2p 1ph         • at tungsten (2 poles per 3 phases) rated value       60A @480V 2p 1ph         • at ballast (1 pole per 1 phase) rated value       60A @480V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       60A @600V 2p 3ph         • at ballast (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at resistive loa	special product feature	Energy efficient; Quiet operation	
Height X With x Depth [in]       5.87 × 16.75 × 5.19 in         touch protection against electrical shock       Not finger-safe         installation altitude [ft] at height above sea level maximum       6560 ft         country of origin       USA         Contactor       60 Amp         number of NO 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       ft600 V         maximum       ft600 V         contact rating of the main contacts       10000000         typical       contacts of lighting contactor         • at tungsten (1 pole per 1 phase) rated value       60A @277V tp 1ph         • at tungsten (2 poles per 1 phase) rated value       60A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at ballast (1 pole per 1 phase) rated value       60A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at tesistive load (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at tesistive load (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at tesistive load (2 poles per 1 phase) rated value       60A @600V 2p 1ph         • at resistive load	General technical data		
toch protection against electrical shock         Not finger-safe           installation allitude [ft] at height above sea level maximum         6550 ft           country of origin         USA           Contactor         60 Amp           number of NO 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         mechanical service life (operating cycles) of the main contacts           typical         1000000           contact rating of the main contacts of lighting contactor            • at tungsten (1 pole per 1 phase) rated value         60A @277V 1p 1ph           • at tungsten (2 poles per 1 phase) rated value         60A @247V 1p 1ph           • at tungsten (2 poles per 1 phase) rated value         60A @247V 1p 1ph           • at ballast (2 poles per 1 phase) rated value         60A @2600V 2p 1ph           • at ballast (1 pole per 1 phase) rated value         60A @600V 2p 1ph           • at ballast (2 poles per 1 phase) rated value         60A @600V 2p 1ph           • 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	weight [lb]	13 lb	
installation altitude [ft] at height above sea level maximum       6560 ft         contactor       USA         Contactor       60 Amp         number of NO 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       ftb (operating cycles) of the main contacts       10000000         typical       10000000       10000000         viptal       contacts of lighting contactor       60A @277V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       60A @2480V 2p 1ph       10000000         • at tungsten (2 poles per 1 phase) rated value       60A @480V 2p 1ph       10000000         • at tungsten (2 poles per 1 phase) rated value       60A @480V 3p 3ph       10000000         • at tungsten (2 poles per 1 phase) rated value       60A @480V 3p 3ph       10000000         • at taliast (1 pole per 1 phase) rated value       60A @600V 2p 1ph       10000000         • at ballast (2 poles per 1 phase) rated value       60A @600V 3p 3ph       60A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       60A @600V 3p 3ph       60A @600V 3p 3ph         • at ballast (2 poles per 1 phase) rated value       60A @600V 3p 3ph       60A @600V 3p 3ph         Auxiliary cont	Height x Width x Depth [in]	5.87 × 16.75 × 5.19 in	
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 V       maximum     600 Q277V 1p 1ph       eat tungsten (1 pole per 1 phase) rated value     600 Q480V 2p 1ph       eat tungsten (2 poles per 1 phase) rated value     600 Q480V 2p 1ph       eat tungsten (2 poles per 1 phase) rated value     600 Q480V 2p 1ph       eat tungsten (2 poles per 1 phase) rated value     600 Q480V 2p 1ph       eat tungsten (2 poles per 1 phase) rated value     600 Q480V 2p 1ph       eat ballast (1 pole per 1 phase) rated value     600 Q480V 2p 1ph       eat ballast (2 poles per 1 phase) rated value     600 Q480V 2p 1ph       eat ballast (2 poles per 1 phase) rated value     600 Q600V 2p 1ph       eat ballast (2 poles per 1 phase) rated value     600 Q600V 2p 1ph       eat resistive load (1 pole per 1 phase) rated value     600 Q600V 2p 1ph       eat resistive load (2 poles per 1 phase) rated value     600 Q600V 2p 1ph       eat resistive load (3 poles per 3 phases) rated value     600 Q600V 3p 3ph       eat resistive load (3 poles per 3 phases) rated value     600 Q600V 3p 3ph       Auxillary contacts for auxillary contacts     0       number of NC contacts for auxillary contacts </td <td>touch protection against electrical shock</td> <td>Not finger-safe</td>	touch protection against electrical shock	Not finger-safe	
Contactor       60 Amp         number of NO 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       60 A@2077V 1p 1ph         exchanical service life (operating cycles) of the main contacts       10000000         typical       10000000         contact rating of the main contacts of lighting contactor       e at tungsten (1 pole per 1 phase) rated value         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 @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 (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 3p 3ph         Auxiliary contacts       0       0         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxi	installation altitude [ft] at height above sea level maximum	6560 ft	
size of contactor     60 Amp       number of NQ contacts for main contacts     12       number of NQ 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     0       contact rating of the main contacts of lighting contactor     60A @2777V 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 3p 3ph       eat tungsten (2 poles per 1 phase) rated value     60A @480V 2p 1ph       eat ballast (2 poles per 1 phase) rated value     60A @480V 2p 1ph       eat ballast (2 poles per 1 phase) rated value     60A @600V 2p 3ph       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 1 phase) rated value     60A @600V 3p 3ph       eat resistive load (2 poles per 3 phases) rated value     60A @600V 3p 3ph       eat resistive load (2 poles per 3 phases) rated value     60A @600V 3p 3ph       mumber of NQ contacts for auxiliary contacts     0       number of NQ contacts for auxiliary contacts     0    <	country of origin	USA	
number of NO 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 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         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 (2 poles per 1 phase) rated value       60A @480V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       60A @400V 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 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 1 phase) rated value	Contactor		
number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       following         mechanical service life (operating cycles) of the main contacts       10000000         typical       following         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 (3 poles per 3 phases) rated value       60A @480V 2p 1ph         eat ballast (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 ballast (2 poles per 1 phase) rated value       60A @600V 2p 1ph         eat ballast (2 poles per 1 phase) rated value       60A @600V 2p 1ph         eat ballast (2 poles per 1 phase) rated value       60A @600V 2p 1ph         eat tresistive 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 poles per 1 phase) rated value       60A @600V 3p 3ph         Auxiliary contacts       0       0         number of NC contacts for auxiliary contacts       0	size of contactor	60 Amp	
operating voltage for main current circuit at AC at 60 Hz       600 V         machanical service life (operating cycles) of the main contacts       10000000         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 1 phase) rated value       60A @480V 3p 3ph         e at tungsten (2 poles per 1 phase) rated value       60A @600V 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 1 phase) rated value       60A @600V 2p 1ph         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 3 phases) rated value       60A @600V 3p 3ph         e at resistive load (2 poles per 3 phases) rated value       60A @600V 3p 3ph         Auxiliary contacts       0       0         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts of contactor according to UL       NA         Coll       V         type of voltage of the control supply voltage       AC </td <td>number of NO contacts for main contacts</td> <td>12</td>	number of NO contacts for main contacts	12	
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 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 @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 2p 1ph         • at ballast (3 poles per 3 phases) rated value       60A @600V 2p 1ph         • at resistive load (1 pole 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 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       60A @600V 3p 3ph         Auxiliary contacts       0       number of NC contacts for auxiliary contacts         number of NC contacts for auxiliary contacts       0       number of NC contacts of contactor according to UL         NA	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 3p 3ph         e at ballast (1 pole 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 3 phases) rated value       60A @600V 3p 3ph         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 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 1 phase) rated value       60A @600V 2p 1ph         e at resistive load (2 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 tut auxiliary contacts maximum       4         contact rating of auxiliary contacts of contactor according to UL       NA         Coil       type of voltage of th		600 V	
• at lungsten (1 pole per 1 phase) rated value60A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value60A @480V 2p 1ph• at tungsten (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 3p 3ph• 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 3p 3ph• at resistive load (3 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value60A @600V 3p 3ph• at valuer of NC contacts for auxiliary contacts0• number of NC contacts for auxiliary contacts0• number of NO contacts for auxiliary contacts of contactor according to ULNACoilVpe of voltage of the control supply voltage• at AC at 60 Hz rated value277 V• aparent pick-up power of magnet coil at AC120 VAapparent holding power of magnet coil at AC120 VAapparent holding power of magnet coil at AC120 VAoperating range factor control supply voltage rated value of0.85 1.1		1000000	
• 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 @600V 2p 1ph         • at ballast (2 poles per 3 phases) rated value       60A @600V 2p 1ph         • at ballast (3 poles per 3 phases) rated value       60A @600V 3p 3ph         • at ballast (3 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 3p 3ph         Auxiliary contacts       0         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       0         number of NO contacts of contactor according to UL       NA         Coil       V         type of voltage of the control supply voltage       AC         control supply voltage       AC         • at AC at 60 Hz rated value       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent hicking power of magnet coil at AC       120 VA	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 @347V 1p 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 (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         Auxiliary contact       60A @600V 3p 3ph         number of NC contacts for auxiliary contacts       0         number of total auxiliary contacts       0         number of total auxiliary contacts of contactor according to UL       NA         Coil       Vpe of voltage of the control supply voltage         • at AC at 60 Hz rated value       277 V         apparent holding power of magnet coil at AC       120 VA         apparent holding power of magnet coil at AC       120 VA         operanting range factor control supply voltage rated value of       0.85 1.1	<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	60A @277V 1p 1ph	
• at ballast (1 pole per 1 phase) rated value       60A @347V 1p 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 (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         Auxiliary contact       60A @600V 3p 3ph         number of NC contacts for auxiliary contacts       0         number of total auxiliary contacts       0         number of total auxiliary contacts of contactor according to UL       NA         Coil       Vpe of voltage of the control supply voltage         ext cat do Hz rated value       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent pick-up power of magnet coil at AC       120 VA         operating range factor control supply voltage rated value of       0.85 1.1	<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	60A @480V 2p 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 3p 3phAuxiliary contact60A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number of NC contacts for auxiliary contacts0number of total auxiliary contacts for auxiliary contacts0number of total auxiliary contacts for contacts of contactor according to ULNACoilVpe of voltage of the control supply voltage• at AC at 60 Hz rated value277 Vapparent pick-up power of magnet coil at AC1230 VAapparent holding power of magnet coil at AC120 VAoperating range factor control supply voltage rated value of0.85 1.1	<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	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 @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           • 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           Auxiliary contact         0           number of NC contacts for auxiliary contacts         0           number of total auxiliary contacts maximum         4           contact rating of auxiliary contacts of contactor according to UL         NA           Coil         Vpe of voltage of the control supply voltage         AC           control supply voltage         AC           experient pick-up power of magnet coil at AC         1230 VA           apparent holding power of magnet coil at AC         120 VA           operating range factor control supply voltage rated value of         0.85 1.1	<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	60A @347V 1p 1ph	
<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>60A @600V 2p 1ph</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>60A @600V 3p 3ph</li> <li>Auxiliary contact</li> <li>number of NC contacts for auxiliary contacts</li> <li>0</li> <li>number of NO contacts for auxiliary contacts</li> <li>0</li> <li>number of total auxiliary contacts of contactor according to UL</li> <li>NA</li> <li>Coil</li> <li>type of voltage of the control supply voltage</li> <li>at AC at 60 Hz rated value</li> <li>277 V</li> <li>apparent pick-up power of magnet coil at AC</li> <li>1230 VA</li> <li>apparent holding power of magnet coil at AC</li> <li>120 VA</li> <li>operating range factor control supply voltage rated value of magnet coil</li> </ul>	<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	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         NA           type of voltage of the control supply voltage         AC           control supply voltage         -           • at AC at 60 Hz rated value         277 V           apparent pick-up power of magnet coil at AC         1230 VA           apparent plok-up power of magnet coil at AC         120 VA           operating range factor control supply voltage rated value of magnet coil         0.85 1.1	<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	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         277 V           apparent pick-up power of magnet coil at AC         1230 VA           apparent holding power of magnet coil at AC         120 VA           operating range factor control supply voltage rated value of magnet coil         0.85 1.1	<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	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       Vipe of voltage of the control supply voltage         • at AC at 60 Hz rated value       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent holding power of magnet coil at AC       120 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1	<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	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       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent holding power of magnet coil at AC       120 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1	<ul> <li>at resistive load (3 poles per 3 phases) rated value</li> </ul>	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       4         • at AC at 60 Hz rated value       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent holding power of magnet coil at AC       120 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         e at AC at 60 Hz rated value       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent holding power of magnet coil at AC       120 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       at AC at 60 Hz rated value         • at AC at 60 Hz rated value       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent holding power of magnet coil at AC       120 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       277 V         • at AC at 60 Hz rated value       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent holding power of magnet coil at AC       120 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1	Coil		
• at AC at 60 Hz rated value       277 V         apparent pick-up power of magnet coil at AC       1230 VA         apparent holding power of magnet coil at AC       120 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1	type of voltage of the control supply voltage	AC	
apparent pick-up power of magnet coil at AC       1230 VA         apparent holding power of magnet coil at AC       120 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       120 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1	• at AC at 60 Hz rated value	277 V	
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	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	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 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:CLM0D12277

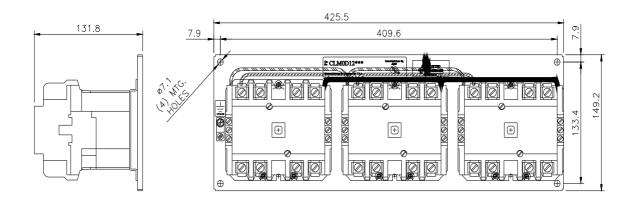
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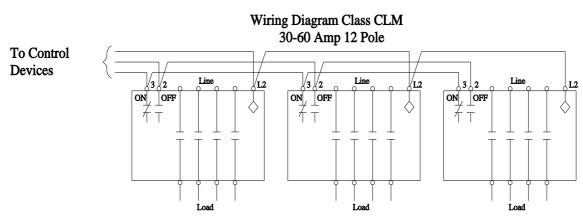
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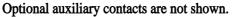
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Certificates/approvals

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7/28/2023