## 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
weight [lb]     20 lb       Height x Widh x Deph [in]     18 × 21 × 7 in       touch protection against electrical shock     NA for enclosed products       installation altitude [ft] at height above sea level maximum     6560 ft       contractor     60 Amp       number of NC contacts for main contacts     12       number of NC contacts for main contacts     600 V       mechanical service life (operating cycles) of the main contacts     600 V       mechanical service life (operating cycles) of the main contacts     10000000       typical     10000000       contact rating of the main contacts     10000000       typical     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 @400V 2p 1ph       e at tungsten (2 poles per 1 phase) rated value     60A @600V 3p 3ph       e at tungsten (2 poles per 1 phase) rated value     60A @600V 2p 1ph       e at teasitive 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       e at resistive load (2 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       e at resistive load (2 poles per 1 phase) rated value     60A @600V 3p 3ph       e at resistive load (	special product feature	Energy efficient; Quiet operation
Height x Width x Depth [in]       18 × 21 × 7 in         touch protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6560 ft         controt 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         contact rating of the main contacts of lighting contactor       60A @2777 V1 p1 ph         ottage for phase) rated value       60A @480V 2p tph         ot tagsten (2 poles per 1 phase) rated value       60A @480V 2p tph         ot tagsten (2 poles per 1 phase) rated value       60A @460V 2p tph         ot tagsten (2 poles per 1 phase) rated value       60A @460V 2p tph         ot tagsten (2 poles per 1 phase) rated value       60A @600V 2p tph         ot tagsten (2 poles per 1 phase) rated value       60A @600V 2p tph         ot tagsten (2 poles per 1 phase) rated value       60A @600V 2p tph         ot tagsten (2 poles per 1 phase) rated value       60A @600V 2p tph         ot tagsten (2 poles per 1 phase) rated value       60A @600V 2p tph         ot tagsten load (2 poles per 1 phase) rated value       60A @600V 2p tph </td <td>General technical data</td> <td></td>	General technical data	
buch 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           number of NO contacts for main contacts         12           number of NO 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           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 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 resistive load (1 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 res	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       12         number of NO contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       60 AV         maximum       mechanical service life (operating cycles) of the main contacts       10000000         typical       10000000         contact rating of the main contacts of lighting contactor       60A @2777 V 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 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 resistive load (1 pole per 1 phase) rated value       60A @600V 2p 1ph         e at resistive load (3 poles per 3 phases) rated value       60A @600V 3p 3ph         e at resistive load (3 poles per 3 phases) rated value       60A @600V 3p 3ph         Auxiliary contacts       0       0         number of NO contacts for auxiliary contacts       0         number of NO contacts for	Height x Width x Depth [in]	18 × 21 × 7 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 Q277V 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 @600V 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 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 phases) rated value       60A @600V 2p 1ph	touch protection against electrical shock	NA for enclosed products
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         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         • 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 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 ballast (3 poles per 3 phases) 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 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 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       60A @600V 2p 1ph	installation altitude [ft] at height above sea level maximum	6560 ft
size of 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       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 (2 poles per 1 phase) rated value     60A @480V 2p 1ph     eat ballast (2 poles per 1 phase) rated value       eat ballast (2 poles per 1 phase) rated value     60A @600V 2p 1ph     eat ballast (2 poles per 1 phase) rated value       eat ballast (2 poles per 1 phase) rated value     60A @600V 2p 1ph     eat ceisitive load (2 poles per 1 phase) rated value       eat ceisitive load (2 poles per 1 phase) rated value     60A @600V 2p 1ph     eat ceisitive load (2 poles per 1 phase) rated value       eat resistive load (2 poles per 1 phase) rated value     60A @600V 2p 1ph     eat ceisitive load (2 poles per 1 phase) rated value       eat ceisitive load (3 poles per 3 phases) rated value     60A @600V 3p 3ph       eat resistive load (3 poles per 3 phases) rated value     60A @600V 3p 3ph       autimet of NC contacts for auxiliary contacts     0       number of NC contacts for auxiliary contacts <td< td=""><td>country of origin</td><td>USA</td></td<>	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 typical       10000000         contact rating of the main contacts of lighting contactor       0         • 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 @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 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       60A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       60A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       60A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       60A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       60A @600V 3p 3ph         • at resistive lo	Contactor	
number of NC contacts for main contacts       0         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 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 (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 (3 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 1 phase) rated value       60A @600V 3p 3ph         Auxiliary contacts       0         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts of contactor according to UL       NA         Coil	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 1 phase) rated value         60A @480V 3p 3ph           e at ballast (1 pole 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 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           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 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           Atvitiary contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         0 <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       1000000         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 of contactor according to UL       NA         Coil       V	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 3p 3ph         e at ballast (3 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 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         out resistive load (2 poles per 3 phases) rated value       60A @600V 3p 3ph         number of NC contacts for 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       type of voltage of the control supply voltage       AC         contact rating of auxiliary contacts of contactor according to UL		600 V
• at tungsten (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 tesistive 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 (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 (3 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value60A @600V 3p 3ph• at contactfor auxiliary contacts0• number of NC contacts for auxiliary contacts0• number of NC contacts for auxiliary contacts according to ULNA• Cotiant to auxiliary contacts of contactor according to ULNA• at AC		1000000
• 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 @600V 2p 1ph• at ballast (2 poles per 3 phases) 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 (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 (2 poles per 1 phase) rated value60A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value60A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value60A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value60A @600V 3p 3ph• at coll00• number of NC contacts for auxillary contacts0• number of NC contacts for auxillary contacts0• number of NO contacts for auxillary contacts0• otact rating of auxillary contacts of contactor according	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 (2 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       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       4V         apparent pick-up power of magnet coil at AC       1230 VA         apparent pick-up power of magnet coil at AC       120 VA         apparent holding power of magn	<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 1 phase) 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 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         • at AC at 60 Hz rated value       24 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 magnet coil       0.85 1.1	<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	60A @480V 2p 1ph
<ul> <li>at ballast (2 poles per 1 phase) rated value</li> <li>60A @600V 2p 1ph</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>60A @600V 3p 3ph</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>60A @600V 2p 1ph</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>60A @600V 2p 1ph</li> <li>at resistive load (2 poles per 1 phase) 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> </ul> Auxiliary contacts           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 total auxiliary contacts for contactor according to UL         NA           Coil         V           type of voltage of the control supply voltage         AC           control supply voltage         4           e at AC at 60 Hz rated value         24 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 tungsten (3 poles per 3 phases) rated value</li> </ul>	60A @480V 3p 3ph
<ul> <li>at ballast (3 poles per 3 phases) rated value</li> <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>60A @600V 3p 3ph</li> <li>at resistive load (2 poles per 1 phase) 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>number of NO contacts for auxiliary contacts</li> <li>number of NO contacts for auxiliary contacts</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>24 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</li> <li>0.85 1.1</li> </ul>	<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	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       NA         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       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 (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       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       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 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       24 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         e at AC at 60 Hz rated value       24 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       4         • at AC at 60 Hz rated value       24 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       AC         • at AC at 60 Hz rated value       24 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         • at AC at 60 Hz rated value       24 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       AC         • at AC at 60 Hz rated value       24 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       24 V         • at AC at 60 Hz rated value       24 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       24 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	24 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	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

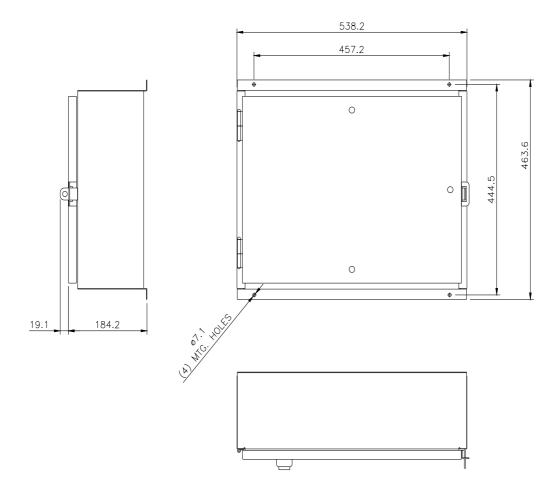
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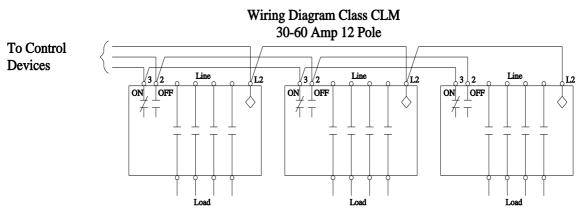
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:CLM2D12024&lang=en

Certificates/approvals

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