## SIEMENS

## Data sheet

## US2:CLM2B04120



Mechanically held lighting contactor, Contactor amp rating 20A, 0 N.C. / 4 N.O. poles, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

product brand name         Class CLM           design of the product         Mechanically held lighting contactor           special product feature         Energy efficient; Quiet operation           General technical data             weight [Ib]         8 lb           Height X Width x 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           contactor         20 Amp           number of NC contacts for main contacts         4           number of NC contacts for main contacts         4           operating voltage for main current circuit at AC at 60 Hz         600 V           eat tungsten (2 poles per 1 phase) rated value         20A @250V 1p 1ph           eat tungsten (2 poles per 1 phase) rated value         20A @250V 2p 1ph           eat tungsten (3 poles per 1 phase) rated value         20A @250V 3p 3ph           eat ballast (2 poles per 1 phase) rated value         20A @347V 1p 1ph           eat ballast (3 poles per 1 phase) rated value         20A @347V 1p 1ph           eat ballast (2 poles per 1 phase) rated value         20A @300V 3p 3ph           eat resistive load (2 poles per 1 phase) rated value         30A @600V 3p 3ph           eat resistive load (2	riguresinna	
special product feature         Energy efficient; Quiet operation           General technical data         ************************************	product brand name	Class CLM
General technical data       8 lb         Weight [lb]       8 lb         Height x Width x Depth [in]       16 × 13 × 6 in         touch protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6660 ft         contactor       20 Amp         size of contacts for main contacts       4         number of NC contacts for main contacts       0         operating voltage for main contacts of lighting contactor       600 V         • at tungsten (1 pole per 1 phase) rated value       20A @250V 1p 1ph         • at tungsten (3 poles per 1 phase) rated value       20A @250V 3p 3ph         • at ballast (1 pole sper 1 phase) rated value       20A @0600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @0600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @0600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @0600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @0600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @0600V 2p 1ph         • at resistive load (2 poles per 1 phase) rated value       20A @0600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @0600V 2p 1ph         • at resistive load (3 poles per 3 p	design of the product	Mechanically held lighting contactor
weight [lb]         8 lb           Height x Width x Depth [in]         16 × 13 × 6 in           touch protection against electrical shock         NA for enclosed products           installation altitude [ft] at height above sea level maximum         6660 ft           country of origin         USA           Contactor         20 Amp           number of NC contacts for main contacts         4           number of NC contacts for main contacts         0           operating voltage for main current circuit at AC at 60 Hz         600 V           maximum         contact rating of the main contacts of lighting contactor         4            et tungsten (1 pole per 1 phase) rated value         20A @250V 1p 1ph            et tungsten (2 poles per 1 phase) rated value         20A @250V 2p 1ph            et allast (1 pole per 1 phase) rated value         20A @250V 2p 1ph            et allast (2 poles per 1 phase) rated value         20A @250V 2p 1ph            et allast (2 poles per 1 phase) rated value         20A @2600V 2p 1ph            et at setsitive load (1 pole per 1 phase) rated value         20A @600V 2p 1ph            et resistive load (2 poles per 3 phases) rated value         30A @600V 3p 3ph            et resistive load (2 poles per 3 phases) rated value         30A @600V 3p 3ph            et resistive load (2 poles per 3 phases) rated value         30A	special product feature	Energy efficient; Quiet operation
Height X Width x 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         contractor       USA         Contactor       20 Amp         number of NC contacts for main contacts       4         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz maximum       600 V         contact rating of the main contacts of lighting contactor       0A @250V 1p 1ph         e at tungsten (2 poles per 1 phase) rated value       20A @250V 2p 1ph         e at tungsten (3 poles per 3 phases) rated value       20A @250V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @250V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @250V 3p 3ph         e at ballast (2 poles per 1 phase) rated value       20A @260V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 3p 3ph         e at resistive load (1 pole per 1 phase) rated value       20A @600V 3p 3ph         e at resistive load (2 poles per 3 phases) rated value       30A @347V 1p 1ph         e at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         e at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph	General technical data	
Installation attribute protection against electrical shock         NA for enclosed products           installation attribute [tt] at height above sea level maximum         6560 ft           contactor         USA           Contactor         20 Amp           number of NC contacts for main contacts         4           number of NC contacts for main contacts         0           operating voltage for main current circuit at AC at 60 Hz         600 V           maximum         contact rating of the main contacts of lighting contactor         4           • at tungsten (1 pole per 1 phase) rated value         20A @250V 1p 1ph           • at tungsten (2 poles per 1 phase) rated value         20A @250V 2p 1ph           • at ballast (1 pole per 1 phase) rated value         20A @250V 2p 1ph           • at ballast (2 poles per 1 phase) rated value         20A @260V 2p 1ph           • at ballast (3 poles per 3 phases) rated value         20A @600V 2p 1ph           • at resistive load (2 poles per 1 phase) rated value         20A @600V 2p 1ph           • at resistive load (2 poles per 1 phase) rated value         30A @600V 2p 1ph           • at resistive load (2 poles per 1 phase) rated value         30A @600V 3p 3ph           • at resistive load (2 poles per 1 phase) rated value         30A @600V 3p 1ph           • at resistive load (2 poles per 1 phase) rated value         30A @600V 3p 1ph </td <td>weight [lb]</td> <td>8 lb</td>	weight [lb]	8 lb
Installation altitude [ft] at height above sea level maximum       6560 ft         country of origin       USA         Contactor       20 Amp         number of NC contacts for main contacts       4         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       contact rating of the main contacts of lighting contactor         • at tungsten (1 pole per 1 phase) rated value       20A @250V 1p 1ph         • at tungsten (2 poles per 3 phases) rated value       20A @250V 2p 1ph         • at ballast (1 pole per 1 phase) rated value       20A @260V 2p 3p 3ph         • at ballast (2 poles per 3 phases) rated value       20A @600V 2p 3ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 3ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 3ph         • at resistive load (1 pole per 1 phase) rated value       30A @600V 2p 1ph         • at resistive load (2 poles per 3 phases) rated value       30A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         Auxiliary contacts for auxiliary contacts       0	Height x Width x Depth [in]	16 × 13 × 6 in
country of origin     USA       Contactor     20 Amp       number of NC contacts for main contacts     4       number of NC contacts for main contacts     0       operating voltage for main current circuit at AC at 60 Hz maximum     600 V       contact rating of the main contacts of lighting contactor     600 V       • at tungsten (1 pole per 1 phase) rated value     20A @250V 1p 1ph       • at tungsten (2 poles per 1 phase) rated value     20A @250V 2p 1ph       • at ballast (1 pole per 1 phase) rated value     20A @260V 2p 1ph       • at ballast (1 pole per 1 phase) rated value     20A @260V 2p 1ph       • at ballast (2 poles per 1 phase) rated value     20A @600V 2p 1ph       • at ballast (2 poles per 1 phase) rated value     20A @600V 2p 1ph       • at resistive load (2 poles per 1 phase) rated value     30A @600V 2p 1ph       • at resistive load (2 poles per 1 phase) rated value     30A @600V 3p 3ph       • at resistive load (3 poles per 3 phases) rated value     30A @600V 3p 3ph       • at resistive load (3 poles per 3 phases) rated value     30A @600V 3p 3ph       • at resistive load (3 poles per 3 phases) rated value     0       • number of NC contacts for auxiliary contacts     0       • number of NC contacts for auxiliary contacts     0       • number of NC contacts for auxiliary contacts     0       • number of NC contacts for contacts of contactor according to UL <t< td=""><td>touch protection against electrical shock</td><td>NA for enclosed products</td></t<>	touch protection against electrical shock	NA for enclosed products
Contactor       20 Amp         number of NO contacts for main contacts       4         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz maximum       600 V         contact rating of the main contacts of lighting contactor       eat tungsten (1 pole per 1 phase) rated value       20A @250V 1p 1ph         e at tungsten (2 poles per 1 phase) rated value       20A @250V 2p 1ph       eat tungsten (3 poles per 3 phases) rated value         e at ballast (1 pole per 1 phase) rated value       20A @250V 2p 1ph       eat ballast (2 poles per 1 phase) rated value         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph       eat ballast (2 poles per 1 phase) rated value         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph       eat resistive load (1 pole per 1 phase) rated value         e at resistive load (2 poles per 1 phase) rated value       30A @600V 2p 1ph       eat resistive load (2 poles per 1 phase) rated value         e at resistive load (2 poles per 1 phase) rated value       30A @600V 2p 1ph       eat resistive load (3 poles per 3 phases) rated value         e at resistive load (3 poles per 3 phases) rated value       30A @600V 2p 1ph       eat resistive load (3 poles per 3 phases) rated value         e number of NC contacts for auxiliary contacts       0       0       number of NO contacts for auxiliary contacts       0 <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         20 Amp           number of NO contacts for main contacts         4           number of NC contacts for main contacts         0           operating voltage for main current circuit at AC at 60 Hz maximum         600 V           contact rating of the main contacts of lighting contactor         600 V           • at tungsten (1 pole per 1 phase) rated value         20A @250V 1p 1ph           • at tungsten (2 poles per 1 phase) rated value         20A @250V 2p 1ph           • at tungsten (2 poles per 3 phases) rated value         20A @250V 3p 3ph           • at ballast (1 pole per 1 phase) rated value         20A @250V 3p 3ph           • at ballast (1 pole per 1 phase) rated value         20A @250V 3p 3ph           • at ballast (2 poles per 1 phase) rated value         20A @600V 2p 1ph           • at ballast (3 poles per 3 phases) rated value         20A @600V 2p 1ph           • at resistive load (1 pole per 1 phase) rated value         30A @600V 2p 1ph           • at resistive load (2 poles per 1 phase) rated value         30A @600V 2p 1ph           • at resistive load (2 poles per 3 phases) rated value         30A @600V 3p 3ph           • at resistive load (3 poles per 3 phases) rated value         30A @600V 3p 3ph           • at resistive load (3 poles per 3 phases) rated value         30A @600V 3p 3ph           • at resistive load (3 poles per 3 phases) rated value <t< td=""><td>country of origin</td><td>USA</td></t<>	country of origin	USA
number of NO contacts for main contacts       4         number of NC contacts for main current circuit at AC at 60 Hz       600 V         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       contact rating of the main contacts of lighting contactor       600 V         • at tungsten (1 pole per 1 phase) rated value       20A @250V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @250V 3p 3ph         • at tungsten (3 poles per 3 phases) rated value       20A @260V 2p 1ph         • at ballast (1 pole per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • number of NC contacts for auxiliary contacts<	Contactor	
number of NC contacts for main contacts0operating voltage for main current circuit at AC at 60 Hz maximum600 Vcontact rating of the main contacts of lighting contactor600 V• at tungsten (1 pole per 1 phase) rated value20A @250V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @250V 2p 1ph• at tungsten (2 poles per 1 phase) rated value20A @250V 3p 3ph• at tungsten (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (1 pole per 1 phase) rated value20A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @100 Y• number of NC contacts for auxiliary contacts0• number of NO con	size of contactor	20 Amp
operating voltage for main current circuit at AC at 60 Hz maximum         600 V           contact rating of the main contacts of lighting contactor         eat tungsten (1 pole per 1 phase) rated value         20A @250V 1p 1ph           e at tungsten (2 poles per 1 phase) rated value         20A @250V 2p 1ph         eat tungsten (2 poles per 3 phases) rated value         20A @250V 3p 3ph           e at ballast (1 pole per 1 phase) rated value         20A @250V 2p 1ph         eat ballast (2 poles per 1 phase) rated value         20A @600V 2p 1ph           e at ballast (2 poles per 1 phase) rated value         20A @600V 2p 1ph         eat ballast (3 poles per 3 phases) rated value         20A @600V 2p 1ph           e at ballast (3 poles per 1 phase) rated value         20A @600V 2p 1ph         eat resistive load (1 pole per 1 phase) rated value         30A @600V 2p 1ph           e at resistive load (2 poles per 1 phase) rated value         30A @600V 2p 1ph         eat resistive load (3 poles per 3 phases) rated value         30A @600V 3p 3ph           e at resistive load (3 poles per 3 phases) rated value         30A @600V 3p 3ph         at cast are sistive load (3 poles per 3 phases) rated value         30A @600V 3p 3ph           e at resistive load (3 poles per 3 phases) rated value         30A @600V 3p 3ph         at resistive load (3 poles per 3 phases) rated value         30A @600V 3p 3ph           number of NO contacts for auxiliary contacts         0         number of NO contacts for auxiliary contacts         NA <td>number of NO contacts for main contacts</td> <td>4</td>	number of NO contacts for main contacts	4
maximumcontact rating of the main contacts of lighting contactor• at tungsten (1 pole per 1 phase) rated value20A @250V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @250V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @250V 3p 3ph• at ballast (1 pole per 1 phase) rated value20A @250V 3p 3ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 3p 3ph• at ballast (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value• at resistive load (2 poles per 3 phases) rated value• at resistive load (2 poles per 3 phases) rated value• at resistive load (2 poles per 3 phases) rated value• at resistive load (3 poles per 3 phases) rated value• at resistive load (3 poles per 3 phases) rated value• number of NC contacts for auxiliary contacts• numb	number of NC contacts for main contacts	0
• at tungsten (1 pole per 1 phase) rated value20A @250V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @250V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @250V 3p 3ph• at ballast (1 pole per 1 phase) rated value20A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value0• number of NC contacts for auxiliary contacts0<		600 V
• at tungsten (2 poles per 1 phase) rated value       20A @250V 2p 1ph         • at tungsten (3 poles per 3 phases) rated value       20A @250V 3p 3ph         • at ballast (1 pole per 1 phase) rated value       20A @347V 1p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 3 phases) rated value       20A @600V 3p 3ph         • at ballast (3 poles per 3 phases) rated value       20A @600V 3p 3ph         • at resistive load (1 pole per 1 phase) rated value       30A @600V 2p 1ph         • at resistive load (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • number of NC contacts for auxiliary contacts       0         • number of total auxiliary	contact rating of the main contacts of lighting contactor	
• at tungsten (3 poles per 3 phases) rated value20A @250V 3p 3ph• at ballast (1 pole per 1 phase) rated value20A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @347V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• number of NC contacts for auxiliary contacts0• number of NO contacts for auxiliary contacts0• number of total auxiliary contacts of contactor according to ULNA• contact rating of auxiliary contacts of contactor according to ULNA• type of voltage of the control supply voltageAC• control supply voltageAC	<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @250V 1p 1ph
• at ballast (1 pole per 1 phase) rated value       20A @347V 1p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (3 poles per 3 phases) rated value       20A @600V 3p 3ph         • at resistive load (1 pole per 1 phase) rated value       30A @347V 1p 1ph         • at resistive load (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) rated value       30A @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         type of voltage of the control supply voltage       AC         control supply voltage       AC	<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @250V 2p 1ph
• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @347V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive contacts for auxiliary contacts0• number of NC contacts for auxiliary contacts0• number of total auxiliary contacts maximum4• contact rating of auxiliary contacts of contactor according to ULNA• Coil• type of voltage of the control supply voltage• type of voltage of the control supply voltageAC• control supply voltage• AC	<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @250V 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>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive contacts</li> <li>at resistive contacts for auxiliary contacts</li> <li>number of NC contacts for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> <li>Coil</li> <li>type of voltage of the control supply voltage</li> <li>AC</li> </ul>	<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	20A @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 1 phase) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 4 phases)</li> <li>at resistive load (4 phases)</li> <li>at resistive load (5 poles per 4 phases)</li> <li>at resistive load (5 poles per 4 phases)</li> <li>at resistive load (5 poles per 4 phases)</li>     &lt;</ul>	<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	20A @600V 2p 1ph
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>30A @600V 2p 1ph</li> <li>30A @600V 3p 3ph</li> </ul> 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         AC           type of voltage of the control supply voltage         AC	<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	20A @600V 3p 3ph
• at resistive load (3 poles per 3 phases) rated value       30A @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       Coil         type of voltage of the control supply voltage       AC         control supply voltage       AC	<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @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          type of voltage of the control supply voltage       AC         control supply voltage       AC	<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	30A @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       Coil         type of voltage of the control supply voltage       AC         control supply voltage       AC	<ul> <li>at resistive load (3 poles per 3 phases) rated value</li> </ul>	30A @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          type of voltage of the control supply voltage       AC         control supply voltage       AC	Auxiliary contact	
number of total auxiliary contacts maximum     4       contact rating of auxiliary contacts of contactor according to UL     NA       Coil     Image: Control supply voltage       type of voltage of the control supply voltage     AC       control supply voltage     AC	number of NC contacts for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL     NA       Coil     Image: Control supply voltage       type of voltage of the control supply voltage     AC	number of NO contacts for auxiliary contacts	0
to UL Coil type of voltage of the control supply voltage control supply voltage AC	number of total auxiliary contacts maximum	4
type of voltage of the control supply voltage     AC       control supply voltage     AC		NA
control supply voltage	Coil	
	type of voltage of the control supply voltage	AC
	control supply voltage	
• at AC at 50 HZ rated value 110 120 V	<ul> <li>at AC at 50 Hz rated value</li> </ul>	110 120 V
• at AC at 60 Hz rated value 110 120 V	• at AC at 60 Hz rated value	110 120 V
apparent pick-up power of magnet coil at AC 600 VA	apparent pick-up power of magnet coil at AC	600 VA
apparent holding power of magnet coil at AC 6 VA	apparent holding power of magnet coil at AC	6 VA
operating range factor control supply voltage rated value 0.85 1.1	operating range factor control supply voltage rated value	0.85 1.1

of magnet coil	
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	Screw-type terminals
tightening torque [lbf·in] for supply	18 18 lbf in
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded	2x (18 10 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder	18 18 lbf·in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded	2x (18 10 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	18 18 lbf·in
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (18 10 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
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	5 kA
• at 480 V	5 kA
• at 600 V	5 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No. 14
Further information	
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:CLM2B04120	

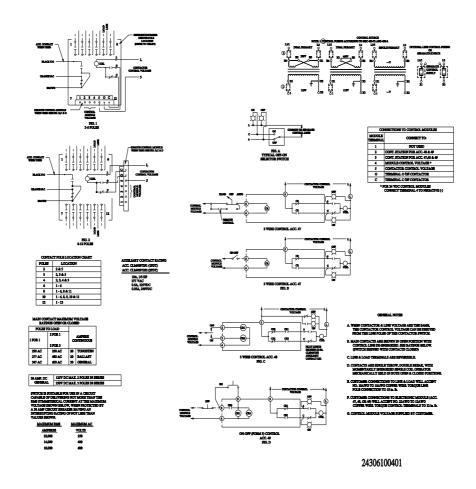
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2B04120

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:CLM2B04120&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2B04120/certificate



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