## SIEMENS

## Data sheet

## US2:LCE01C201024A

Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 1 N.O. poles, 24V 60Hz / 20V 50Hz coil, Non-combination type, Enclosure NEMA type 1, Indoor general purpose use



Figuresimilar

weight [lb]       11 lb         Height x Width x Depth [in]       14 x 8 x 7 in         NA for enclosed products       installation altitude [ft] at height above sea level maximum         installation altitude [ft] at height above sea level maximum       6660 ft         ambient temperature ['F]       -22 +149 °F         • during operation       -13 +104 °F         ambient temperature       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Sontactor       30 Amp         number of NC contacts for main contacts       1         number of NC contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       full         Type of main contacts       Silver alloy, double break         montacts typical       100000         contact full of the main contacts of lighting contactor       41 tungsten (1 pole per 1 phase) rated value         at tungsten (1 pole per 1 phase) rated value       20A @277V 1p 1ph         at tungsten (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at ballast (2 poles per 1 phase) rated value       30A @600V 3p 3ph         at ballast (2 poles per 1 phase) rated value       30A @600V 3p 3ph         at	riguesinna	
special product feature         Electrically held convertible to mechanically held; Power poles convertible between NO and NC           Seneral technical data         units of the seneral technical seneral technical shock         11 lb           Height X Width x Depth [in]         14 × 8 × 7 in         NA for enclosed products           Installation altitude [ft] at height above sea level maximum         6560 ft         6560 ft           ambient temperature [F]         -0.114 °F         -3 +104 °F           - during storage         -30 +65 °C         -25 +40 °C           - during operation         -25 +40 °C         -25 +40 °C           country of origin         USA         -25 +40 °C           country of origin         USA         1           number of NC contacts for main contacts         1         -21 #100 °F           operating voltage for main contacts         2         -25 +40 °C           operating voltage for main contacts         1         -27 #100 °F           operating voltage for main contacts         2         00 V           maximum         500 V         -28	product brand name	Class LC
Server I be hetween NO and NC           Server I be hetween NO and NC <td>design of the product</td> <td>Electrically held lighting contactor (convertible to mechanically held)</td>	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [ib]       11 lb         Height x Width x Depth [in]       14 × 8 × 7 in         touch protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [°F]       -         • during storage       -22 +149 °F         • during operation       -13 +104 °F         ambient temperature       -         • during operation       -25 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Sontactor       30 Amp         number of NC contacts for main contacts       1         number of NC contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       100000         Type of main contacts       1         number of NC contacts for lighting contactor       40480V 29 tph         • at tungsten (1 pole per 1 phase) rated value       20A @2480V 29 tph         • at tungsten (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at baliast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at baliast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at baliast	special product feature	
Height X With x Depth [in]       14 × 8 × 7 in         touch protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6660 ft         ambient temperature [°F]       -22 +149 °F         • during storage       -22 +149 °F         • during operation       -13 +104 °F         ambient temperature       -22 +40 °C         • during operation       -25 +40 °C         • during operation       -25 +40 °C         • contractor       30 Amp         size of contactor       30 Amp         number of NC contacts for main contacts       1         number of NC contacts for main contacts       2         for maximum       600 V         maximum       100000         rotter stift (switching cycles) of the main contacts       1         rottacts for main contacts       1         rottact stift (switching cycles) of the main contacts       2         octact rating of the main contacts of lighting contactor       1         • at tungsten (1 pole per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph	General technical data	
Duck protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [°F]       -22 +149 °F         • during operation       -13 +104 °F         ambient temperature       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         country of origin       USA         country of origin       USA         country of NC contacts for main contacts       1         number of NC contacts for main contacts       1         number of NC contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       100000         contact typical       100000         contact typical       20A @277V 1p 1ph         e at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 3ph         e at tungsten (3 poles per 3 phases) rated value       30A @600V 2p 1ph         e at ballast (1 pole per 1 phase) rated value       30A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value	weight [lb]	11 lb
installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature ['F]       -22 +149 "F         • during storage       -23 +65 "C         • during operation       -25 +40 °C         country of origin       USA         >contactor       30 Amp         number of NC contacts for main contacts       1         number of NC contacts for main contacts       1         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Silver alloy, double break         ortactor       30 Amp         runder of NC contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       Silver alloy, double break         mechanical service life (switching cycles) of the main contacts of lighting contactor       600 V         • at tungsten (1 pole per 1 phase) rated value       20A @277V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (3 poles per 3 phases) rated value       20A @480V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 2p 3ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 2p 3ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 2p 3ph         • at ballast (	Height x Width x Depth [in]	14 × 8 × 7 in
ambient temperature [F]       -22 +149 °F         • during storage       -13 +104 °F         • during operation       -13 +104 °F         ambient temperature       -30 +65 °C         • during storage       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Sontactor       30 Amp         number of NC contacts for main contacts       1         number of NC contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Type of main contacts         Type of main contacts       Silver alloy, double break         mechanical service life (switching cycles) of the main contacts of lighting contactor       100000         contact rating of the main contacts of lighting contactor       at tungsten (1 pole per 1 phase) rated value         at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         at tungsten (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at resistive load (1 pole per 1 phase) rated value </td <td>touch protection against electrical shock</td> <td>NA for enclosed products</td>	touch protection against electrical shock	NA for enclosed products
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• during storage-30 +65 °C• during operation-25 +40 °Ccountry of originUSASontactor30 Ampnumber of NO contacts for main contacts1number of NC contacts for main contacts2operating voltage for main current circuit at AC at 60 Hz600 VmaximumSilver alloy, double breakmechanical service life (switching cycles) of the main contact typical100000contact rating of the main contacts of lighting contactor100000• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 3 phases) rated value20A @2480V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at seistive load (3 poles per 3 phases) 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 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) 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 resis	<ul> <li>during operation</li> </ul>	-13 +104 °F
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size of contactor       30 Amp         number of NO contacts for main contacts       1         number of NC contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Silver alloy, double break         Type of main contacts       Silver alloy, double break         mechanical service life (switching cycles) of the main contacts of lighting contactor       1         eat tungsten (1 pole per 1 phase) rated value       20A @277V 1p 1ph         eat tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         eat tungsten (2 poles per 1 phase) rated value       20A @480V 3p 3ph         eat ballast (1 pole per 1 phase) rated value       30A @600V 2p 1ph         eat ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         eat ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         eat ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         eat resistive load (1 pole per 1 phase) rated value       30A @600V 3p 3ph         eat resistive load (2 poles per 3 phases) rated value       30A @600V 2p 1ph         eat resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         eat resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         eat resistive load (3 poles per 3 phases) rated value	during operation	-25 +40 °C
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contacts typicalcontacts of lighting contactor• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value30A @600V 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 (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (7 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (7 pole per 3 phases) rated value30A @600V 3p 3p	Type of main contacts	Silver alloy, double break
<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> <li>at tungsten (2 poles per 1 phase) rated value</li> <li>20A @480V 2p 1ph</li> <li>at tungsten (3 poles per 3 phases) rated value</li> <li>20A @480V 3p 3ph</li> <li>at ballast (1 pole per 1 phase) rated value</li> <li>30A @347V 1p 1ph</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>30A @600V 2p 1ph</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>30A @600V 3p 3ph</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>30A @600V 1p 1ph</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>30A @600V 2p 1ph</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>30A @600V 2p 1ph</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>30A @600V 3p 3ph</li> </ul>		100000
<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> <li>at tungsten (3 poles per 3 phases) rated value</li> <li>at ballast (1 pole per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <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 (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 mumber of NC contacts for auxiliary contacts</li> <li>o</li> </ul>	contact rating of the main contacts of lighting contactor	
<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> <li>at ballast (1 pole per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <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 (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 Phase P</li></ul>	<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @277V 1p 1ph
<ul> <li>at ballast (1 pole per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <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 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 po</li></ul>	<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @480V 2p 1ph
<ul> <li>at ballast (2 poles per 1 phase) rated value</li> <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 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 resisted value</li> <li>at resister load (3 poles per 3 phases)<!--</td--><td><ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul></td><td>20A @480V 3p 3ph</td></li></ul>	<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @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>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 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> <l< td=""><td><ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul></td><td>30A @347V 1p 1ph</td></l<></ul>	<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	30A @347V 1p 1ph
• at resistive load (1 pole per 1 phase) rated value         30A @600V 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 3p 3ph	<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	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           • auxiliary contact         30A @600V 3p 3ph	<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	30A @600V 3p 3ph
	<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @600V 1p 1ph
number of NC contacts for auxiliary contacts     0       number of NO contacts for auxiliary contacts     0	<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	<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	Auxiliary contact	
	number of NC contacts for auxiliary contacts	0
number of total auxiliary contacts maximum 4	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	
at AC at 50 Hz rated value	20 V
<ul> <li>at AC at 60 Hz rated value</li> </ul>	24 V
apparent pick-up power of magnet coil at AC	248 VA
apparent holding power of magnet coil at AC	28 VA
operating range factor control supply voltage rated value	0.85 1.1
of magnet coil	0.00 1.1
Enclosure	
degree of protection NEMA rating of the enclosure	NEMA Type 1
design of the housing	indoors, usable on a general basis
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	35 35 lbf-in
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded	2x (14 8 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder	35 35 lbf·in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded	2x (14 8 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	15 15 lbf·in
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (18 14 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	100kA@600V (Class R or J 40A max)
design of the short-circuit trip	Thermal magnetic circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	24 kA
• at 480 V	65 kA
• at 600 V	25 kA
certificate of suitability	NEMA ICS 2; UL 508
Further information	
Industrial Controls - Product Overview (Catalogs, Brochu	ıres,)
<u>www.usa.siemens.com/iccatalog</u> Industry Mall (Online ordering system)	

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE01C201024A

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

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C201024A

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:LCE01C201024A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C201024A/certificate

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