## SIEMENS

## Data sheet

## US2:LCE01C009120A

Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 0 N.C. / 9 N.O. poles, 115-120V 60Hz/110V 50Hz coil, Noncombination type, Enclosure NEMA type 1, Indoor general purpose use



product brand name         Class LC           design of the product         Electrically held lighting contactor (convertible to mechanically held)           general technical data         Electrically held convertible to mechanically held, Power poles convertible between NO and NC           weight (b)         11 lb           Height X Widh x Depht (in)         14 × 8 × 7 in           touch protection against electrical shock         NA for enclosed products           installation allitude [f] at height above sea level maximum         6660 ft           ambient temperature [rF]         -           • during operation         -13 +104 "F           ambient temperature         -           • during operation         -25 +40 "C           coantry of origin         USA           Contactor         30 Amp           number of NC contacts for main contacts         9           operating voltage for main contacts         9           outly of aging of the main contacts         00 V           weakned (f pole per 1 phase) rated value         20A @277V 1p 1ph           • at tungsten (2 poles per 1 phase) rated value         20A @277V 1p 1ph           • at tungsten (2 poles per 1 phase) rated value         20A @200V 3p 3ph           • at tungsten (2 poles per 1 phase) rated value         20A @000V 3p 3ph		
special product feature         Electrically held convertible to mechanically held; Power poles convertible between NQ and NC           General technical data         110           Height X Widh X Deph [in]         114 × 8 × 7 in           Couch protection against electrical shock         NA for enclosed products           installation altitude [ii] at height above sea level maximum         6600 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           Contactor         30 Amp           number of NC contacts for main contacts         9           number of NC contacts for main contacts         9           Type of main current circuit at AC at 60 Hz         600 V           maximum         5ilver alloy, double break           100000         10A @ 120V / 3A @227V tp tph           e at tingsten (1 pole per 1 phase) rated value         20A @480V 2p tph           e at tangsten (2 poles per 1 phase) rated value         20A @480V 2p tph           e at tangsten (2 poles per 1 phase) rated value         20A @480V 2p tph           e at tangsten (2 poles per 1 phase) rated value         30A @600V 2p tph	product brand name	Class LC
Between NO and NC           General technical data           weight [b]         11 lb           Height x Width x Depth [in]         14 x 8 x 7 in           Touch protection against electrical shock         NA for enclosed products           installation atlifued [it] at height above sea level maximum         6660 ft           ambient temperature ['F]         -22 +149 'F           • during storage         -22 +149 'F           • during storage         -30 +65 'C           • during storage         -30 +65 'C           • during storage         -30 +65 'C           • during storage         -30 +40 'C           country of orgin         USA           Contactor         30 Amp           number of NC contacts for main contacts         9           number of NC contacts for main contacts         0           operating voltage for main current circuit at AC at 60 Hz         600 V           maximum         100000           vipical         100000           operating of the main contacts         100000           vibit electronic ballast [LED driver] (1 pole per 1 phase)         10A @120V / 3A @277V 1p 1ph           radd value         20A @480V 2p 1ph         20A @480V 2p 1ph           et tungsten (2 poles per 3 phases) rated value <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 [lb]       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       6660 ft         ambient temperature [°F]       -         • during operation       -13 +104 °F         ambient temperature       -         • luring operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         number of NC contacts for main contacts       9         number of NC contacts for main contacts       9         operating voltage for main contacts       0         operating voltage for main contacts       100000         rpd main contacts       9         number of NC contacts for main contacts       0         operating voltage for main contacts       100000         virial       100000         virial       20A @277V 1p 1ph         att ungsten (1 pole per 1 phase) rated value       20A @277V 1p 1ph         att ungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         att ungsten (2 poles per 1 phase) rated value       20A @600V 2p 1ph         att ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph     <	special product feature	
Height XWidh 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 +40 °C         size of contactor       30 Amp         number of NO contacts for main contacts       9         number of NO contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       500 V         maximum       Type of main current circuit at AC at 60 Hz       100000         vibra electronic ballest [LED driver] (1 pole per 1 phase)       104 @120V / 3A @277V 1p 1ph         rated value       20A @480V 2p 1ph       10A @120V / 3A @277V 1p 1ph         • at tungsten (1 pole per 1 phase) rated value       20A @480V 3p 3ph       20A @480V 3p 3ph <tr< td=""><td>General technical data</td><td></td></tr<>	General technical data	
Installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [F]	weight [lb]	11 lb
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         Contactor       30 Amp         size of contacts for main contacts       9         number of NC contacts for main contacts       9         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       500 V         maximum       500 V         maximum       100000         Type of main contacts       9         rundle of the main contacts       100000         Vippal       100000         contact rating of the main contacts of lighting contactor       10A @120V / 3A @277V 1p 1ph         • 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 balast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at balast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at balast (2 poles per 1 phase) rated value       30A @600V 3p 3ph	Height x Width x Depth [in]	14 × 8 × 7 in
amblent temperature [*F]       -22 +149 *F         • during storage       -22 +149 *F         • during operation       -13 +104 *F         amblent temperature       -30 +65 *C         • during operation       -25 +40 *C         country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       9         number of NO contacts for main contacts       9         operating voltage for main contacts       0         operating voltage for main contacts       10000         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         vipical       100000         • eit lungsten (1 pole per 1 phase) rated value       20A @277V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 3p 3ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 3p 3ph         • at ballast (1 pole per 1 phase) rated value       20A @600V 3p 3ph         • at ballast (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 2p 1ph         • at ballast (2 pole	touch protection against electrical shock	NA for enclosed products
• during storage       -22 +149 °F         • during operation       -13 +104 °F         ambient temperature       -13 +104 °F         • during storage       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         size of contactor       30 Amp         number of NC contacts for main contacts       9         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       footoot         Type of main contacts       100000         viptal       100000         viptal       100000         viptal       100000         • with electronic ballast [LED driver] (1 pole per 1 phase)       10A @120V / 3A @277V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 3ph         • at ballast (1 pole per 1 phase) rated value       20A @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 3p 3ph         • at ballast (2 poles per 1 phase) rated value       <	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation       -13 +104 "F         ambient temperature       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         number of NC contacts for main contacts       9         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Type of main contacts       100000         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         optical       20A @277V 1p 1ph         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 ballast (1 pole per 1 phase) rated value       30A @000V 3p 3ph         • 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 ballast (2 poles per 1 phase) rated value       30A @600V 3p 3ph         • at ballast (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) ra	ambient temperature [°F]	
ambient temperature       -30 +65 °C         • during storage       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       9         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       for an contacts       10000         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         vpriate value       20A @277V 1p 1ph         e at tungsten (1 pole per 1 phase) rated value       20A @480V 2p 1ph         e at tungsten (2 poles per 3 phases) rated value       20A @480V 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 3p 3ph         e at ballast (2 poles per 1 phase) rated value       30A @600V 3p 3ph         e at resistive load (1 pole per 1 phase) rated value       30A @600V 3p 3ph         e at resistive load (2 poles per 1 phase) rated value       30A @600V 3p 3ph         e at resistive load (2 poles per 1 phase) rated value       30A @600V 3p 3ph         e at resistive lo	during storage	-22 +149 °F
• during storage       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         number of NC contacts for main contacts       9         number of NC contacts for main contacts       0         operating voltage for main contacts       0         Type of main contacts       0         maximum       600 V         Type of main contacts       100000         typical       100000         contact rating of the main contacts of lighting contactor       104 @120V / 3A @277V 1p 1ph         • with electronic ballast [LED driver] (1 pole per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 3p 3ph         • at ballast (2 poles per 1 phase) rated value       20A @480V 3p 3ph         • at ballast (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 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 resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph	during operation	-13 +104 °F
• during operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       9         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Silver alloy, double break         Type of main contacts       100000         vitial of the main contacts       100000         • with electronic ballast [LED driver] (1 pole per 1 phase) rated value       20A @277V 1p 1ph         • 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 (1 pole 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 ballast (3 poles per 3 phases) rated value       30A @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 3p 3ph         • at resistive load (2 poles per 3 phases) rated value       30A @600V 2p 1p	ambient temperature	
country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       9         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         typical       contact rating of the main contacts of lighting contactor         • with electronic ballast [LED driver] (1 pole per 1 phase)       10A @120V / 3A @277V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 3p 3ph         • at ballast (1 pole 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 ballast (3 poles per 3 phases) rated value       30A @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 2p 1ph         • at resis	during storage	-30 +65 °C
Contactor       30 Amp         number of NO contacts for main contacts       9         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         typical       contact rating of the main contacts of lighting contactor         • with electronic ballast [LED driver] (1 pole per 1 phase)       10A @120V / 3A @277V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 3p 3ph         • at ballast (1 pole per 1 phase) rated value       30A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 3p 3ph         • at ballast (3 poles per 3 phases) rated value       30A @600V 2p 1ph         • at resistive load (1 pole per 1 phase) rated value       30A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       30A @600V 3p 3ph         • at resistive load (2 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (2 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (2 poles per 3 phases) rated value       30A	during operation	-25 +40 °C
size of contactor       30 Amp         number of NO contacts for main contacts       9         number of NC contacts for main current circuit at AC at 60 Hz       600 V         maximum       7         Type of main contacts       5ilver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         typical       100000         contact rating of the main contacts of lighting contactor       • with electronic ballast [LED driver] (1 pole per 1 phase)         rated value       20A @277V 1p 1ph         • at tungsten (1 pole per 1 phase) rated value       20A @2480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 3p 3ph         • at ballast (1 pole per 1 phase) rated value       30A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 3p 3ph         • at ballast (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • 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         • 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     <	country of origin	USA
number of NO contacts for main contacts9number of NC contacts for main current circuit at AC at 60 Hz0operating voltage for main current circuit at AC at 60 Hz600 VmaximumSilver alloy, double breakType of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts100000typicaltotal contacts of lighting contactor• with electronic ballast [LED driver] (1 pole per 1 phase)10A @120V / 3A @277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @2477V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @430V 2p 1ph• at ballast (1 pole per 1 phase) rated value30A @600V 2p 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 (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (1 pole 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 (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 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 (2 poles per 3 phases) rated value30A @600V 3p 3ph<	Contactor	
number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts typical       100000         contact rating of the main contacts of lighting contactor       • with electronic ballast [LED driver] (1 pole per 1 phase)         • 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       30A @600V 2p 1ph         • at ballast (1 pole 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 ballast (2 poles 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 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<	size of contactor	30 Amp
operating voltage for main current circuit at AC at 60 Hz600 VType of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor100 @ 120V / 3A @ 277V 1p 1ph• with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @ 120V / 3A @ 277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @ 20A @ 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 @ 600V 2p 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 (2 poles per 1 phase) rated value30A @ 600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @ 600V 2p 1ph• 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 (3 poles per 3 phases) rated value30A @ 600V 3p 3ph• 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• Auxiliary contact0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0number of NO contacts for auxiliary c	number of NO contacts for main contacts	9
maximumSilver alloy, double breakType of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor0000• with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @120V / 3A @277V 1p 1ph• 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 @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at tersistive 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 (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value<	number of NC contacts for main contacts	0
mechanical service life (operating cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @120V / 3A @277V 1p 1ph• 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 @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 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 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 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 for auxiliary contacts0number of NO contacts for auxiliary contacts0		600 V
typicalcontact rating of the main contacts of lighting contactor• with electronic ballast [LED driver] (1 pole per 1 phase) rated value• 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 value20A @480V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @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 (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 valueat mumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	Type of main contacts	Silver alloy, double break
• with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @120V / 3A @277V 1p 1ph• 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 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 (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 mumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0		100000
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• 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 (3 poles per 3 phases) rated value30A @600V 3p 3ph• 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 (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 3p 3ph• Auxiliary contact30A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0		10A @120V / 3A @277V 1p 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 (3 poles per 3 phases) rated value30A @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 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phAuxiliary contact30A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @277V 1p 1ph
• 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 (3 poles per 3 phases) rated value30A @600V 3p 3ph• 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 (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 (5 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 (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• number of NC contacts for auxiliary contacts0• number of NO contacts for auxiliary contacts0	<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @480V 2p 1ph
• at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at ballast (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • 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 (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         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       0	<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 rate value</li> <li>at resistive rate value</li> <li>at resistive rated value</li> <li>at rate value</li> <li>at rate val</li></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         Auxiliary contact       30A @600V 3p 3ph         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       0	<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           number of NC contacts for auxiliary contacts         0           number of NO contacts for auxiliary contacts         0	<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	30A @600V 3p 3ph
• at resistive load (3 poles per 3 phases) rated value         30A @600V 3p 3ph           Auxiliary contact	<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @600V 1p 1ph
Auxiliary contact       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	• at resistive load (3 poles per 3 phases) rated value	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	110 V
at AC at 60 Hz rated value	115 120 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 of magnet coil	0.85 1.1
Enclosure	
degree of protection NEMA rating of the enclosure	NEMA Туре 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 for 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 for 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 for 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
maximum short-circuit current breaking capacity (lcu)	
• 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, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE01C009120A

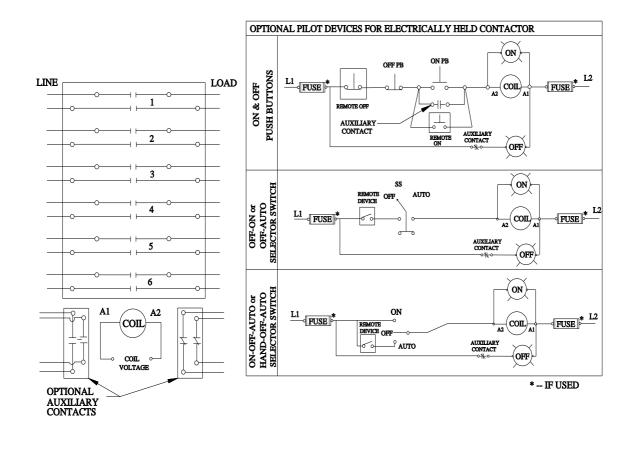
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