## SIEMENS

## Data sheet

## US2:LCE02C306347A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 3 N.C. / 6 N.O. poles, 347V 60Hz coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

weight [lb]19 lbHeight x Width x Depth [in]16 × 13 × 6 intouch protection against electrical shockNA for enclosed productsinstallation altitude [ft] at height above sea level maximum6560 ftambient temperature [°F]-22 +149 °F• during storage-13 +104 °Fambient temperature-30 +65 °C• during operation-25 +40 °Ccountry of originUSA	product brand name	Class LC
Concret         between NO and NC           Consol tochnical data         Preside 1           weight [b]         19 lb           Height x Width x Depth [n]         16 x 13 x 6 in           touch protection against electrical shock         NA for enclosed products           installation altitude [1] at height above sea level maximum         6660 ft           ambient temperature ['F]         -22 +149 "F           • during operation         -13 +164 "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         6           number of NC contacts for main contacts         600 V           maximum         Silver alloy, double break           mechanical service life (operating cycles) of the main contacts         10A @120V / 3A @277V 1p 1ph           reld value         20A @207V 1p 1ph           reld value         20A @400V 3p 3ph           et tungsten (1 pole per 1 phase) rated value         20A @400V 3p 3ph           et tungsten (2 poles per 3 phases) rated value         30A @400V 3p 3ph           et tungsten (2 poles per 3 phases) rated value         30A @400V 3p 3ph           et tungsten (	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [b]       19 lb         Height x Width x Depth [in]       16 x 13 x 6 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 storage       -23 +160 'C         • during operation       -25 +40 'C         • during operation       -25 +40 'C         • country of origin       USA         Contactor       30 Amp         number of NC contacts for main contacts       6         number of NC contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       100000         Type of main current circuit at AC at 60 Hz       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 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 ph	special product feature	
Let LI 6 × 13 × 6 intouch protection against electrical shockNA for enclosed productsinstallation altitude [ft] at height above sea level maximum6560 ftambient temperature [F]-• during storage-22 +149 °F• during operation-13 +104 °Fambient temperature-• during operation-25 +40 °C• during operation-26 +40 °C• during of neal contacts100 00 V• mathemet-27 +40 °C• during of the main contacts of lighting contactor100 @ 120V / 3A @277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (2 poles per 1 phase)	General technical data	
Duck protection against electrical shockNA for enclosed productsinstallation altitude [t] at height above sea level maximum6660 ftambient temperature [r]-22 +149 "F• during operation-33 +104 "Fambient temperature-25 +40 "C• during operation-25 +40 "Ccountry of originUSAContactor30 Ampnumber of NC contacts for main contacts6number of NC contacts for main contacts6number of NC contacts for main contacts6number of NC contacts for main contacts10000Type of main contacts3contact at ungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at ungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at ungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at ballast (1 pole per 1 phase) rated value20A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph <trr>• at ballast (2 poles per 1 pha</trr>	weight [lb]	19 lb
Installation altitude [ft] at height above sea level maximum       6660 ft         ambient temperature ["F]       -         • during storage       -22 +149 "F         • during storage       -13 +104 "F         • during operation       -13 +104 "F         • during operation       -25 +40 "C         • country of origin       USA         Contactor       30 Amp         number of NC contacts for main contacts       6         number of NC contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Silver alloy, double break         recharical service life (operating cycles) of the main contacts       100000         rype of 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 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 (1 pole per 1 phase) rated value       30A @600V 3p 3ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 3p 1ph         • at ballast (2 poles per 1 phase) rated value	Height x Width x Depth [in]	16 × 13 × 6 in
ambient temperature [*F]       -22 +149 *F         • during storage       -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 NO contacts for main contacts       6         number of NO contacts for main contacts       6         number of NC contacts for main contacts       3         operating voltage for main contacts       1000 V         maximum       Silver alloy, double break         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         vigital       10A @120V / 3A @277V 1p 1ph         • at tungsten (1 pole per 1 phase) rated value       20A @277V 1p 1ph         • at tungsten (2 poles per 3 phases) rated value       20A @480V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       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 2p 1ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at ballast (	touch protection against electrical shock	NA for enclosed products
• during storage-22 +149 °F• during operation-13 +104 °Fambient temperature-30 +65 °C• during operation-25 +40 °Ccountry of originUSAContactorsize of contacts for main contactsnumber of NC contacts for main contacts6number of NC contacts for main contacts30 Ampnumber of NC contacts for main contacts6number of NC contacts for main current circuit at AC at 60 Hz600 VType of main current circuit at AC at 60 Hz100000reachanical service life (operating cycles) of the main contacts100000viting storage10A @120V / 3A @277V 1p 1phat tungsten (1 pole per 1 phase) rated value20A @480V 2p 1pha tungsten (1 pole per 1 phase) rated value20A @480V 2p 1phat tungsten (1 pole per 1 phase) rated value30A @600V 2p 1phat tungsten (1 pole per 1 phase) rated value30A @600V 2p 1phat tungsten (1 pole per 1 phase) rated value30A @600V 2p 1phat tungsten (2 poles per 1 phase) rated value30A @600V 2p 1phat tungsten (2 poles per 1 phase) rated value30A @600V 2p 1phat ballast (2 poles per 1 phase) rated value30A @600V 2p 1phat ballast (2 poles per 1 phase) rated value30A @600V 2p 1phat ballast (2 poles per 1 phase) rated value30A @600V 2p 1phat resistive load (1 pole per 1 phase) rated value30A @600V 2p 1phat resistive load (2 poles per 1 phase) rated value30A @600V 2p 1phat resistive load (2 poles per 1 phase) rated	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation-13 +104 *Fambient temperature	ambient temperature [°F]	
ambient temperature       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       6         number of NC contacts for main contacts       6         number of NC contacts for main contacts       30 Amp         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       6         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         vith 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 (2 poles per 1 phase) rated value       20A @480V 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 ballast (2 poles per 1 phase) rated value       30A @600V 3p 3ph         •	during storage	-22 +149 °F
• during storage-30 +65 °C• during operation-25 +40 °Ccountry of originUSAContactorsize of contactorsize of contactor6number of NO contacts for main contacts6number of NC contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor10A @120V / 3A @277V 1p 1ph• with electronic balast [LED driver] (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @200V 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 (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 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 (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 (2 poles	during operation	-13 +104 °F
• during operation25 +40 °Ccountry of originUSAContactorsize of contactor30 Ampnumber of NC contacts for main contacts6number of NC contacts for main contacts30 O Voperating voltage for main current circuit at AC at 60 Hz600 VmaximumSilver alloy, double breakType of main current circuit at AC at 60 Hz100000with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @120V / 3A @277V 1p 1ph• with electronic ballast [LED driver] (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 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 ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at tresistive 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 (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per	ambient temperature	
country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       6         number of NC contacts for main contacts       3         operating voltage for main contacts       3         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) rated value       20A @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 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 tersistive load (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at resistive load (3 poles per 3 phases) ra	during storage	-30 +65 °C
contactor       30 Amp         number of NO contacts for main contacts       6         number of NC contacts for main contacts       3         operating voltage for main contacts       5         iver analysis       600 V         maximum       600 V         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         voltage for 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 @480V 3p 3ph         • at tungsten (2 poles per 1 phase) rated value       30A @600V 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 resistive load (1 pole per 1 phase) rated value       30A @600V 3p 3ph	during operation	-25 +40 °C
size of contacts     30 Amp       number of NO contacts for main contacts     6       number of NC contacts for main contacts     3       operating voltage for main current circuit at AC at 60 Hz 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     10A @120V / 3A @277V 1p 1ph       • 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 2p 1ph       • at ballast (2 poles per 3 phases) rated value     30A @600V 2p 1ph       • at ballast (3 poles per 3 phases) rated value     30A @600V 2p 1ph       • at ballast (3 poles per 3 phases) rated value     30A @600V 2p 1ph       • at tresistive 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 (2 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 resist	country of origin	USA
number of NO contacts for main contacts6number of NC contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical 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 (2 poles per 1 phase) rated value30A @600V 2p 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 (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 (3 poles per 3 phases) rated value30A @600V 3p 3ph• 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 3p 3phAuxiliary contacts0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0number of NO contacts for auxiliary contacts <t< td=""><td>Contactor</td><td></td></t<>	Contactor	
number of NC contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical 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 value30A @600V 2p 1ph• at ballast (1 pole per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 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 3p 3ph• at ballast (3 poles per 3 phases) rated value30A @600V 2p 1ph• at ballast (3 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 l	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 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 @347V 1p 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 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 </td <td>number of NO contacts for main contacts</td> <td>6</td>	number of NO contacts for main contacts	6
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 contactor10A @120V / 3A @277V 1p 1ph• with electronic ballast [LED driver] (1 pole per 1 phase) rated value20A @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 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 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 value </td <td>number of NC contacts for main contacts</td> <td>3</td>	number of NC contacts for main contacts	3
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 (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 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 contacts0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0		600 V
typicaltypicalcontact rating of the main contacts of lighting contactorIOA @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 @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 3p 3ph• at ballast (3 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 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 (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 (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 (5 poles per 3 phases) rated value0• number of NC 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 (3 poles per 3 phases) rated value30A @600V 3p 3ph• at ballast (3 poles per 3 phases) rated value30A @600V 1p 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 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 (5 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 (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive l		100000
rated value20A @277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 3p 3ph• 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 3 phases) rated value30A @600V 3p 3ph• at ballast (3 poles per 3 phases) rated value30A @600V 1p 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 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• number of NC contacts for auxiliary contacts0• number of NO contacts for auxiliary contacts0	contact rating of the main contacts of lighting contactor	
• 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 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 (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 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (8 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (9 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (9 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (9 poles per 3 phase		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 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• Auxiliary 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 3phAuxiliary contact30A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number 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 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 (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 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• at resistive load (3 poles per 3 phases)0• at resistive load (3 poles per 3 phases)0• at resistive load (3 poles per 3 phases)0• at resis	<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @480V 3p 3ph
• 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 (3 poles per 3 phases) rated value         30A @600V 3p 3ph           Auxiliary contact         30A @600V 3p 3ph	<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           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
	<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 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 60 Hz rated value	347 347 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	0.85 1.1	
magnet coil		
Enclosure		
degree of protection NEMA rating of the enclosure	NEMA Type 12	
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	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:LCE02C306347A

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

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C306347A

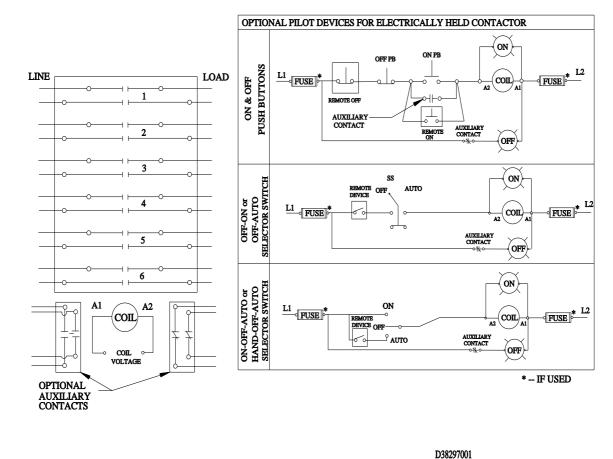
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE02C306347A&lang=en

Certificates/approvals

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7/13/2023

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