## SIEMENS

## Data sheet

## US2:LCE02C210480A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 10 N.O. poles, 460-480V 60Hz/440V 50Hz coil, Noncombination type, Enclosure NEMA type 12, Dust/drip proof for indoors

weight [lb]       19 lb         Height x Widh x Deph [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 operation       -13 +104 "F         ambient temperature       -         • during operation       -25 +40 "C         counting storage       -30 +65 "C         • during operation       -25 +40 "C         contactor       30 Amp         number of NO contacts for main contacts       11         number of NC contacts for main contacts       11         number of NC contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       100000         ''typical       10000         contact rating of the main contacts       10000         • with electronic ballast [LED driver] (1 pole per 1 phase)       104 @120V / 3A @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       20A @480V 3p 1ph         • at balalast (2 poles per	product brand name	Class LC
Concret         Derived NO and NC           Concret         Verify NO and NC           Concret         Verify NO and NC           Protection against electrical shock         NA for enclosed products           Installation allutide (If all height above sea level maximum         6550 ft           ambient temperature [YF]         -22 +149 'F           • during operation         -31 +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         11           number of NC contacts for main contacts         2           operating voltage for main contacts         2           operating voltage for main contacts         51/ver alloy, double break           mechanical service life (operating cycles) of the main contacts         10x @120V / 3A @277V 1p 1ph           relevice vice life (operating cycles) rel phase) rated value         20A @247V 1p 1ph           • att ungsten (1 pole per 1 phase) rated value         20A @247V 1p 1ph           • att ungsten (2 poles per 3 phases) rated value         20A @247V 1p 1ph           • att ungsten (2 poles per 3 phases) rated value         20A @240V 2p 1ph           • att ungsten (2 pole	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [b]       19 lb         Height x Width x Deph [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       6660 ft         ambient temperature ['F]       -         • during storage       -22 +149 "F         • during operation       -33 +104 "F         ambient temperature       -         • during operation       -25 +40 "C         • othactor	special product feature	
Height X With x Depth [in]       16 × 13 × 6 in         touch protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [F]       -         • during storage       -22 +149 °F         • during storage       -30 +65 °C         • during storage       -30 +65 °C         • during operation       -25 +40 °C         • during operation       USA         country of origin       USA         size of contactor       30 Amp         number of NC contacts for main contacts       11         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       1100000         • 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 1ph         • at ballast (2 poles per 1 phase) rated value       20A @480V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @680V 2p 1ph         • at ballast (2 poles per 1 phase) rated	General technical data	
OutputNA for enclosed productsinstallation altitude [[1] at height above sea level maximum6560 ftambient temperature [[*]	weight [lb]	19 lb
Installation altitude [t] at height above sea level maximum6560 ftambient temperature ["F]-• during storage-22 +149 "F• during storage-13 +104 "F• during storage-30 +65 "C• during operation-25 +40 "C• country of originUSAContactor30 Ampnumber of NC contacts for main contacts11number of NC contacts for main contacts2operating ovltage for main current circuit at AC at 60 Hz600 VmaximumSilver alloy, double breakoperating voltage for main current circuit at AC at 60 Hz100000rated value20A @277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 3 phases) rated value20A @277V 1p 1ph• at ballast (1 pole per 1 phase) rated value30A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @600V 2p 1ph• at ballast (1 poles per 3 phases) rated value30A @600V 3p 3ph• at ballast (1 poles per 4 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 4 phase) rated value30A @600V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 4 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 4 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 4 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 4 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 4 phase) rated value30A @600V 3	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 "Fambient temperature-30 +65 °C• during operation-25 +40 °C• during operation-25 +40 °C• during operation-25 +40 °C• during operation0 SA• during operation-25 +40 °C• during operation0 SA• during operation0 SA• during operation30 Amp• number of NC contacts for main contacts11number of NC contacts for main contacts2operating voltage for main contacts51/er• during aperice life (operating cycles) of the main contacts100000vibial 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 @480V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @480V 2p 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 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) r	touch protection against electrical shock	NA for enclosed products
• during storage-22 +149 °F• during operation-13 +104 °Fambient temperature-30 +65 °C• during storage-30 +65 °C• during operation-25 +40 °Ccountry of originUSAContactor30 Ampnumber of NO contacts for main contacts11number of NO contacts for main contacts2operating voltage for main current circuit at AC at 60 Hz600 Vmaximum600 VType of main contacts1100000Type of main contacts of lighting contactor100000• 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 @480V 2p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (1 pole per 1 phase) rated value20A @480V 2p 1ph• at tungsten (1 pole per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 3 phases) rated value30A @600V 2p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 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	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation-13 +104 °Fambient temperature-30 +65 °C• during storage-30 +65 °C• during operation-25 +40 °Ccountry of originUSAContractorsize of contactornumber of NC contacts for main contacts11number of NC contacts for main contacts2operating voltage for main contacts2operating voltage for main current circuit at AC at 60 Hz600 Vmaximum100000Type of main contacts of lighting contactor100000ontact at ling of the main contacts of lighting contactor100000ottat ungsten (1 pole per 1 phase) rated value20A @277V 1p 1pha tungsten (1 pole per 1 phase) rated value20A @277V 1p 1pha tungsten (2 poles per 1 phase) rated value20A @2480V 2p 1pha tungsten (2 poles per 1 phase) rated value20A @480V 2p 1pha tungsten (2 poles per 1 phase) rated value30A @400V 2p 1pha tungsten (2 poles per 1 phase) rated value30A @400V 2p 1pha tungsten (2 poles per 1 phase) rated value30A @400V 2p 1pha tungsten (2 poles per 1 phase) rated value30A @600V 3p 3pha tungsten (2 poles per 1 phase) rated value30A @600V 3p 3pha tungsten (2 poles per 1 phase) rated value30A @600V 3p 3pha tungsten (2 poles per 1 phase) rated value30A @600V 3p 3pha tungsten (2 poles per 1 phase) rated value30A @600V 3p 3pha tungsten (2 poles per 1 phase) rated value30A @600V 3p 3pha te raistive load (1 pole per 1 p	ambient temperature [°F]	
ambient temperature-30 +65 °C• during storage-30 +65 °C• during operation-25 +40 °Ccountry of originUSAContactor30 Ampnumber of NC contacts for main contacts11number of NC contacts for main contacts2operating voltage for main current circuit at AC at 60 Hz600 Vmaximum100000Type of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts100000contact rating of the main contacts of lighting contactor100000• 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 (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 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 1 phase) rated value30A @600V 3p 3ph• at resistive lo	during storage	-22 +149 °F
• during storage-30 +65 °C• during operation-25 +40 °Ccounty of originUSAContactorsize of contactorsize of contactor11number of NC contacts for main contacts11number of NC contacts for main contacts2operating voltage for main current circuit at AC at 60 Hz600 Vmaximum7ype of main current circuit at AC at 60 Hzmechanical service life (operating cycles) of the main contacts100000rated value10A @120V / 3A @277V 1p 1ph• with electronic ballast [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 @277V 1p 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 (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 (2 poles 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 2p 1ph• at resistive load (3 poles per 3 phase) 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 phase) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phase) rated value30A @600V 3p	during operation	-13 +104 °F
• during operation-25 +40 °Ccountry of originUSAContactor30 Ampnumber of NO contacts for main contacts11number of NC contacts for main contacts2operating voltage for main contacts600 VmaximumSilver alloy, double breakmechanical service life (operating cycles) of the main contacts100000• 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 @480V 2p 1ph• at tungsten (2 poles per 3 phases) rated value20A @480V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @480V 2p 1ph• at ballast (2 poles per 3 phases) 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 tungsten (3 poles per 3 phases) rated value30A @600V 2p 1ph• at teristive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 3 phases) rated value30A @600V 2p 1ph• 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 resist	ambient temperature	
USAContractorUSAContractor30 Ampnumber of NO contacts for main contacts11number of NO contacts for main contacts2operating voltage for main contracts2operating voltage for main current circuit at AC at 60 Hz600 Vmaximum7Upe of main contactsSilver 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 contactor100000• with electronic ballast [LED driver] (1 pole per 1 phase) 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 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 (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• at resistive load (2 poles per 1 phase)	• during storage	-30 +65 °C
Size of contactor       30 Amp         number of NO contacts for main contacts       11         number of NC contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       7ype of main contacts       600 V         rechanical 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 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 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 (2 poles per 1 phase) rated value       30A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       30A @600V 3p 1ph         • at resistive load (2 poles per 1 phase) rated value       30A @600V 3p 3ph         • at resistive load (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       30A @600V 3p 3ph         •	during operation	-25 +40 °C
size of contactor30 Ampnumber of NO contacts for main contacts11number of NC contacts for main contacts2operating 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 @247V 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 3p 3ph• at ballast (3 poles per 3 phases) rated value30A @600V 2p 1ph• at ballast (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 (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• 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	country of origin	USA
number of NO contacts for main contacts11number of NC contacts for main contacts2operating 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 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 (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 (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 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phase	Contactor	
number of NC contacts for main contacts2operating 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 (2 poles per 3 phases) 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 tesistive 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 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• attresistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• attresistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• attresistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph•	size of contactor	30 Amp
operating 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 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 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 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phAuxiliary contact30A @600V 3p 3phAuxiliary contact0	number of NO contacts for main contacts	11
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 value30A @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 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 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 value30	number of NC contacts for main contacts	2
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 @00V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @00V 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
typicalterms 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 (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 (2 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 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 contacts <td>Type of main contacts</td> <td>Silver alloy, double break</td>	Type of main contacts	Silver alloy, double break
<ul> <li>with electronic ballast [LED driver] (1 pole per 1 phase) rated value</li> <li>at tungsten (1 pole per 1 phase) rated value</li> <li>at tungsten (2 poles per 1 phase) rated value</li> <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 (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 (2 poles 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 contacts for auxiliary contacts</li> <li>number of NO contacts for auxiliary contacts</li> </ul>		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 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 (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 (1 pole 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 (1 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases)• at resistive load (3 poles per 3 ph	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• Auxiliary contact30A @600V 3p 3phAuxiliary 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 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 3ph• Auxiliary 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 ontacts0• number of NC contacts for auxiliary contacts0• number of NO contacts for auxiliary contacts0	<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         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       0	<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         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 (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 resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @600V 1p 1ph
Auxiliary contact       0         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

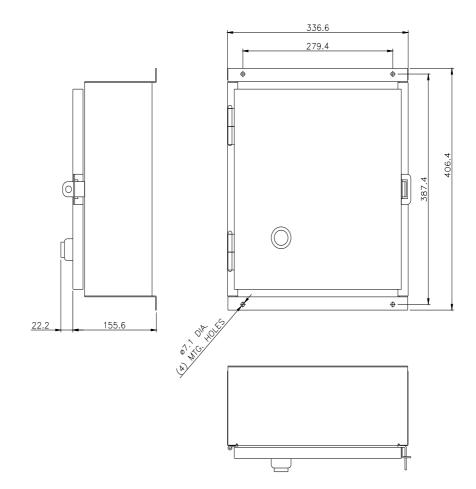
contact rating of auxiliary contacts of contactor according to UL	NA
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	
<ul> <li>at AC at 50 Hz rated value</li> </ul>	440 V
<ul> <li>at AC at 60 Hz rated value</li> </ul>	460 480 V
apparent pick-up power of magnet coil at AC	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 Type 3R (convertible), 4, 12 enclosure
design of the housing	Dust-tight, watertight & weather proof
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 (Icu)	
• at 240 V	24 kA
• at 480 V	65 kA
• at 600 V	25 kA
certificate of suitability	NEMA ICS 2; UL 508
Approvals Certificates	
Test Certificates	

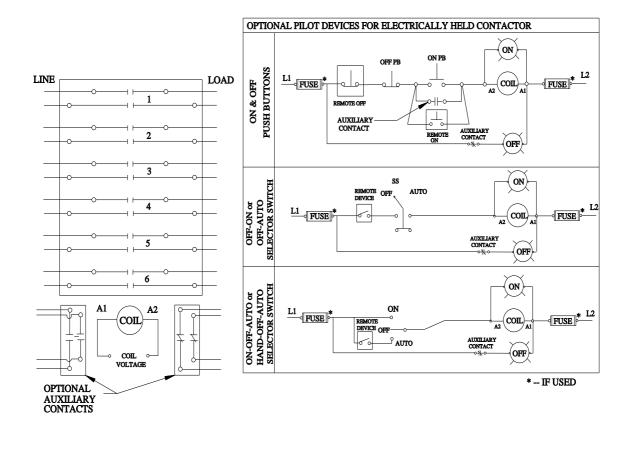


## Further information

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:LCE02C210480A Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C210480A 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:LCE02C210480A&lang=en Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C210480A/certificate





D38297001

last modified:

6/3/2024