## SIEMENS

## Data sheet

## US2:LCE02C110277A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 1 N.C. / 10 N.O. poles, 277V 60Hz / 240V 50Hz coil, Noncombination type, Enclosure NEMA type 12, Dust/drip proof for indoors

design of the product         Electrically held lighting contactor (convertible to mechanically held)           Special product feature         Electrically held convertible to mechanically held, Power poles convertible between NO and NC           General technical data         weight [Ib]         19 lb           Height X Widh x Depth [In]         16 x 13 x 6 in           function against electrical shock         NA for enclosed products           installation altitude [ft] at height above sea level maximum         66 of 6           ambient temperature [TF]         -           • during storage         -22, +149 "F           • during storage         -30, +65 "C           • during storage         -30, +65 "C           • during storage         -30, +104 "F           ambient temperature         -30, +104 "F           • during storage         -30, +104 "F           autor of origin         USA           Contactor         30 Amp           number of NC contacts for main contacts         10           number of NC contacts for main contacts         1           operanting voltage for main contacts         1           operanting voltage for main contacts         1           operanting voltage for main contacts         1           outore of NC contacts for lighting contactor	product brand name	Class LC
Detween NO and NC       Ceneral technical data       weight [b]     19 lb       Height x Width x Depth [n]     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       • during storage     -22 +149 'F       • during storage     -30 +65 'C       • during operation     -25 +40 'C       control of origin     USA       Contactor     30 Amp       number of NC contacts for main contacts     10       number of NC contacts for main contacts     10       number of NC contacts for main contacts     11       operating voltage for main current circuit at AC at 60 Hz     600 V       maximum     fibhing contactor     100000       Type of main contacts     10       vipical     100000       contact rating of the main contacts     10 A @120V / 3A @277V 1p 1ph       radd value     20A @480V 2p 1ph       • at tungsten (1 pole per 1 phase) rated value     20A @480V 2p 1ph       • at tungs	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [b]       19 lb         Height x Widh x Depth [n]       16 × 13 × 6 in         touch protection against electrical shock       NA for enclosed products         installation attilude [ft] at height above sea level maximum       6560 ft         ambient temperature [°F]       • during storage         • 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       10         number of NC contacts for main contacts       1         operating voltage for main contacts       1         typical       100000         Type of main contacts       1         operating voltage for main contacts       100         reacting of the main contacts       100000         typical       200 +63 °C         e transition (1 pole per 1 phase) rated value       20A @277V 1p 1ph         e at tungsten (1 pole per 1 phase) rated value       20A @480V 2p 1ph         e at tungsten (1 pole per 1 phase) rated value       20A @440V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @440V 2p 3ph         e at balalast (2 poles per	special product feature	
Height x Width x Depth [in]       16 × 13 × 6 in         touch protection against electrical shock       NA for enclosed products         installation attitude [ft] at height above sea level maximum       6660 ft         ambient temperature [F]       -         • during operation       -13 +104 "F         ambient temperature       -         • during operation       -22 +149 "F         • during operation       -25 +40 "C         • country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       1         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Type of main current circuit at AC at 60 Hz         maximum       Silver alloy, double break         mochanical service life (operating cycles) of the main contacts       1         100000       100000         • utingsten (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 tungsten (2 poles per 1 phase) rated value       30A @600V 2p 1ph         • at tesistive load (2 poles per 1 phase) rated value       30A @600V 3p 3ph         • at tesisis	General technical data	
toch protection against tilectrical shock         NA for enclosed products           installation altitude [II] at height above sea level maximum         6560 ft           ambient temperature ['F]         -           • during storage         -22 +149 "F           • during operation         -13 +104 "F           ambient temperature         -00 +65 "C           • during operation         -25 +40 "C           country of origin         USA           Contactor         30 Amp           size of contacts for main contacts         10           number of NC contacts for main contacts         1           operating voltage for main current circuit at AC at 60 Hz         Silver alloy, double break           Type of main contacts         1           rype of main contacts         100000           Type of main contacts of lighting contactor         10A @120V / 3A @277V 1p 1ph           • at tungsten (1 pole per 1 phase) rated value         20A @480V 3g 3ph           • at tungsten (2 poles per 1 phase) rated value         20A @480V 2g 1ph           • at ballast (2 poles per 1 phase) rated value         20A @480V 2g 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 2p 1ph           • at ballast (	weight [lb]	19 lb
installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [F]       -22 +149 "F         • during storage       -30 +65 "C         • during operation       -23 +40 "C         country of origin       USA         Contactor       30 Amp         number of NC contacts for main contacts       10         number of NC contacts for main contacts       10         number of NC contacts for main contacts       10         Type of main contacts       10         Type of main contacts       10000         Vipe of main contacts       10000         Vipe of the main contacts of lighting contactor       600 V         • with electronic ballast [LED drive] (1 pole per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 3ph         • 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 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	Height x Width x Depth [in]	16 × 13 × 6 in
ambient temperature [1*]       • during storage       -22 +149 *F         • during operation       -13 +104 *F         ambient temperature       •         • during operation       -25 +40 *C         • during operation       -25 +40 *C         • during operation       -25 +40 *C         • country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       10         number of NO contacts for main contacts       1         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Silver alloy, double break         Type of main contacts       100000         vipical       100000         out all ungsten (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       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)	touch protection against electrical shock	NA for enclosed products
• during storage       -22 +149 °F         • during operation       -13 +104 °F         amblent temperature       -30 +65 °C         • during storage       -25 +40 °C         country of origin       USA         Contactor       30 Amp         number of NC contacts for main contacts       10         number of NC contacts for main contacts       10         number of NC contacts for main current circuit at AC at 60 Hz       600 V         maximum       Type of main contacts       1100000         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         vipical       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 (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 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 aballast (2 poles per 1 phase) rated value <td>installation altitude [ft] at height above sea level maximum</td> <td>6560 ft</td>	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 NO contacts for main contacts       10         number of NC contacts for main contacts       1         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       Type of main contacts         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       100000         typical       100 000         contact rating of the main contacts of lighting contactor       10A @ 120V / 3A @277V 1p 1ph         attungsten (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 3 phases) rated value       30A @600V 2p 1ph         at ballast (2 poles per 3 phases) rated value       30A @600V 3p 3ph         at resistive load (1 pole per 1 phase) rated value       30A @600V 2p 1ph         at testistive load (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at testistive load (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at testistive load (2 poles per	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       10         number of NC contacts for main contacts       1         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       for anin contacts         Type of main contacts       Silver alloy, double break         methanical service life (operating cycles) of the main contacts       100000         typical       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 @2480V 2p 1ph         at tungsten (3 poles per 3 phases) rated value       20A @480V 2p 1ph         at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph         at at esistive load (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 3p 3ph         at resistive load (1 pole p	during storage	-22 +149 °F
• during storage       -30 +65 °C         • during operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         size of contacts for main contacts       10         number of NC contacts for main contacts       1         operating voltage for main current circuit at AC at 60 Hz maximum       600 V         Type of main contacts       1         mechanical service life (operating cycles) of the main contacts       100000         typical       10000         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 tungsten (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 (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • 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 (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	during operation	-13 +104 °F
• during operation       -25 +40 °C         country of origin       USA         Contactor       30 Amp         number of NC contacts for main contacts       10         number of NC contacts for main contacts       1         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       5liver alloy, double break         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       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 (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 (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 3p 3ph         • at ballast (2 poles per 1 phase) rated value       30A @600V 3p 3ph         • at resistive load (1 pole per 1 phase) rated	ambient temperature	
country of origin       USA         Contactor       30 Amp         number of NO contacts for main contacts       10         number of NC contacts for main contacts       1         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       5liver alloy, double break         Type of main contacts       Silver alloy, double break         mechanical service life (operating cycles) of the main contacts       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 @480V 2p 1ph         • at tungsten (2 poles per 1 phase) 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 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         <	during storage	-30 +65 °C
Contactor       30 Amp         number of NO contacts for main contacts       10         number of NC contacts for main contacts       1         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         vijcial       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 (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 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 (3 poles per 3 phases) rated value       30A @600V 3p 3ph         • 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 1ph         • 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 3	during operation	-25 +40 °C
size of contactor       30 Amp         number of NC contacts for main contacts       10         number of NC contacts for main contacts       1         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 @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 3p 3ph         • 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 (3 poles per 3 phases) rated value       30A @600V 3p 3ph      <	country of origin	USA
number of NO contacts for main contacts10number of NC contacts for main contacts1operating 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 @2480V 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 (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 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 po	Contactor	
number of NC contacts for main contacts       1         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) 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         • at tungsten (2 poles per 1 phase) rated value       20A @347V 1p 1ph       • at ballast (1 pole per 1 phase) rated value         • at ballast (1 pole per 1 phase) rated value       30A @600V 2p 1ph       • at ballast (2 poles per 3 phases) rated value         • at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph       • at ballast (2 poles per 1 phase) rated value         • at ballast (2 poles per 1 phase) rated value       30A @600V 2p 1ph       • at resistive load (1 pole per 1 phase) rated value         • at resistive load (2 poles per 1 phase) rated value       30A @600V 2p 1ph       • at resistive load (3 poles per 3 phases) rated value         • at resistive load (3 poles per 3 phases) rated value       30A @600V 2p 1ph       • at resistive load (3 poles per 3 phases) rated value         • at resistive load (2 poles per 1 phase) rated	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 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 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 3phAuxilliary contact0number of NC contacts for auxillary contacts0number of NO contacts for auxilliary contacts0number of NO contacts for auxilliary contacts0 <td>number of NO contacts for main contacts</td> <td>10</td>	number of NO contacts for main contacts	10
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 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 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 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 valu	number of NC contacts for main contacts	1
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 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 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 (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 (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 (6 poles per 3 phases		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 (2 poles per 1 phase) 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 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 contactnumber 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 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		100000
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 @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• 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 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		10A @120V / 3A @277V 1p 1ph
<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> <li>at ballast (1 pole per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at 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 contacts for auxiliary contacts</li> <li>number of NC contacts for auxiliary contacts</li> <li>o</li> </ul>	<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 (5p output outpu	<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)• at resistive load (3 poles	<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         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         0           number of NC contacts for auxiliary contacts         0           number of NO contacts for auxiliary contacts         0	• at resistive load (1 pole per 1 phase) rated value	30A @600V 1p 1ph
Auxiliary contact         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       0	• at resistive load (2 poles per 1 phase) rated value	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	240 V
at AC at 60 Hz rated value	277 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 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 (Icu)	
• at 240 V	24 kA
• at 480 V	65 kA
• at 600 V	25 kA
certificate of suitability	NEMA ICS 2; UL 508
Further information	

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

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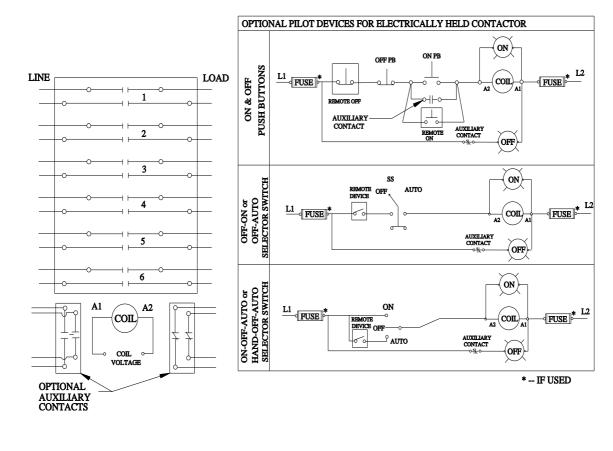
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