SIEMENS

Data sheet

US2:LCE01C500600A

Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 5 N.C. / 0 N.O. poles, 575-600V 60Hz/550V 50Hz coil, Non-combination type, Enclosure NEMA type 1, Indoor general purpose use



product brand name Class LC design of the product Electrically held lighting contactor (convertible to mechanically held) special product feature Electrically held inghing contactor (convertible to mechanically held). General tachnical data ************************************		
special product feature Electrically held convertible to mechanically held; Power poles convertible between NO and NC General tochnical data 11 Weight [Ib] 11 Heights Widh x Deph [In] 14 × 8 × 7 in Usch protection against electrical shock NA for enclosed products ambient temperature [F] - • during operation -13 +104 "F ambient temperature -30 +65 "C • during operation -25 +40 "C country of origin USA Contactor 30 Amp number of NC contacts for main contacts 0 Type of main current circuit at AC at 60 Hz 5 maximum 600 V maximum 600 V reading of the main contacts 10000 Type of main current circuit at AC at 60 Hz 600 V reading of the main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V weight (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 (1 pole per 1 phase) rated value	product brand name	Class LC
Between NO and NC Ceneral technical data weight [b] 11 lb Height x Width x Depth [in] 14 x 8 x 7 in touch protection against electrical shock NA for enclosed products installation atlifued [it] at height above sea level maximum 6660 ft ambient temperature [*F] -22 +149 *F • during storage -22 +149 *F • during storage -30 +65 *C • during storage -30 +65 *C • during operation -25 +40 *C country of origin USA Contactor 0 number of NC contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 v maximum 100000 Type of main contacts 5 operating voltage for main current circuit at AC at 60 Hz 100000 weith electronic ballast [LED driver] (1 pole per 1 phase) 104 @ 2120V / 3A @277V 1p 1ph et at ungsten (2 poles per 3 phases) rated value 20A @480V 2p 1ph et at ungsten (2 poles per 3 phases) rated value 20A @480V 2p 1ph	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [Ib] 11 lb Height x Width x Depth [in] 14 × 8 × 7 in touch protection against electrical shock NA for enclosed products installation altitude [If] at height above sea level maximum 6660 ft ambient temperature [F] - • during storage -22 +149 °F • during operation -13 +104 °F ambient temperature - • during operation -25 +40 °C country of origin USA Contactor 30 Amp number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Silver alloy, double break Type of main contacts 5 operating voltage for main contacts 100000 vibral electronic ballast [LED drive] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph rated value 20A @480V 2p 1ph 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph 20A @480V 2p 3ph • at ballast (1 pole per 1 phase) rated value 20A @600V 2p 1ph 20A @600V 2p 1ph • at ballast (2 poles per 3 phases) rated value 30A @600V 3p 3ph 30A @60	special product feature	
Height XWidh x Depth [in] 14 × 8 × 7 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [F] -22 +149 °F • during operation -13 +104 °F ambient temperature -23 +103 °C • during operation -25 +40 °C • unwher of NC contacts for main contacts 0 • number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Type of main current circuit at AC at 60 Hz moticular electronic ballest (1 pole per 1 phase) rated value 10A @120V / 3A @277V 1p 1ph	General technical data	
Installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [F] -22 +149 °F • during storage -13 +104 °F ambient temperature [F] -13 +104 °F • during operation -13 +104 °F ambient temperature -30 +65 °C • during operation -25 +40 °C country of origin USA Contactor 30 Amp size of contacts for main contacts 0 number of NC contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 10000 Type of main contacts 5 reacture all of the main contacts 100000 vipical 104 @120V / 3A @277V 1p 1ph • att ungsten (1 pole per 1 phase) rated value 20A @480V 2p 1ph • att ungsten (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 (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at ballast (2 poles per 1 phase) rated value	weight [lb]	11 lb
installation allitude [ft] at height above sea level maximum 6560 ft 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 Contactor 30 Amp number of NC contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Silver alloy, double break Type of main contacts 5 operating voltage for main current circuit at AC at 60 Hz 5 maximum 6000 V antiget of the main contacts 5 vibre alloy double break 100000 Type of main contacts of lighting contactor • • with electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (3 poles per 3 phases) rated value 20A @480V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph </td <td>Height x Width x Depth [in]</td> <td>14 × 8 × 7 in</td>	Height x Width x Depth [in]	14 × 8 × 7 in
ambient temperature [*F] 4. during storage 22 +149 *F 4. during operation 13 +104 *F ambient temperature 4. during operation 25 +40 *C country of origin USA Contactor 30 Amp number of NO contacts for main contacts 0 number of NC contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main contacts 600 V maximum Type of main contacts 00000 V maximum contacts for main contacts 5 operating voltage for main contacts 100000 V maximum contact rating of the main contacts silver alloy, double break mechanical service life (operating cycles) of the main contacts topical 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 3p 3ph at ballast (2 poles per 1 phase) rated value 20A @480V 3p 3ph at ballast (2 poles per 1 phase) rated value<!--</td--><td>touch protection against electrical shock</td><td>NA for enclosed products</td>	touch protection against electrical shock	NA for enclosed products
• during storage -22 +149 °F • during operation -13 +104 °F ambient temperature -13 +104 °F • during operation -25 +40 °C country of origin USA Contactor 30 Amp size of contactor on NO contacts for main contacts 0 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V maximum 100000 Type of main contacts 5 operating voltage for main current circuit at AC at 60 Hz 100000 Type of main contacts 100000 Type of main contacts 100000 vittle electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph otat traing of the main contacts 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 3ph • at ballast (1 pole per 1 phase) rated value 20A @480V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph </td <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 storage -30 +65 °C • during operation -25 +40 °C country of origin USA Contactor 30 Amp number of NC contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Type of main contacts 5 Type of main contacts Silver alloy, double break 100000 with electronic ballast [LED driver] (1 pole per 1 phase) 100000 10000 • with electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph 10A @120V / 3A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph 20A @480V 3p 3ph 20A @480V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph 30A @600V 3p 3ph 30A @600V 3p 3ph • at resistive load (1 pole per 1 phase) rated value 30A @600V 2p 1ph 30A @600V 3p 3ph 30A @600V 3p 3ph • at resistive load (2 poles per 1 phase) rated value 30A @600V 3p 3ph 30A @600V 3p 3ph 30A @600V 3p 3ph 30A @600V 3p 3ph<	ambient temperature [°F]	
ambient temperature -30 +65 °C • during storage -30 +65 °C • during operation -25 +40 °C country of origin USA Size of contactor 30 Amp number of NO contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 100000 Type of main contacts Silver alloy, double break meximum 100000 viptal 100000 viptal 10000 viptal 100000 viptal 200 @277V	during storage	-22 +149 °F
• during storage -30 +65 °C • during operation -25 +40 °C country of origin USA Contactor 30 Amp number of NC contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 100000 Type of main contacts Silver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 vpical 100000 value 20A @277V 1p 1ph e at tungsten (1 pole per 1 phase) rated value 20A @480V 3p 3ph e at ballast (2 poles per 1 phase) rated value 20A @347V 1p 1ph e at ballast (1 pole per 1 phase) rated value 30A @600V 3p 3ph e at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph e at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph e at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph e at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph e at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph e at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph <	during operation	-13 +104 °F
• during operation -25 +40 °C country of origin USA Contactor 30 Amp number of NO contacts for main contacts 0 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Silver alloy, double break Type of main contacts 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 (1 pole 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 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 2p 1ph • at resistive load (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at resistive load (3	ambient temperature	
country of origin USA Contactor 30 Amp number of NO contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 5 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 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 resistive load (1 pole per 1 phase) rated value 30A @600V 2p 1ph • at resistive load (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at resistive load (2 poles per 3 phases) rated value 30A @600V 2p 1ph • at resistive load (2	during storage	-30 +65 °C
Contactor 30 Amp number of NO contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V Type of main contacts 5 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 vitial electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph • with electronic ballast [LED driver] (1 pole per 1 phase) 10A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 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 (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 • at resistive load (2 poles per 3 phases) rated value 30A @600V 3p 3ph • at resistive load (2 poles per 3 phases) rated valu	during operation	-25 +40 °C
size of contactor 30 Amp number of NO contacts for main contacts 0 number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 5 Type of main contacts Silver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 typical contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph • at tungsten (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 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 3p 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 1 phase) rated value 30A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value <	country of origin	USA
number of NO contacts for main contacts0number of NC contacts for main contacts5operating voltage for main current circuit at AC at 60 Hz600 VmaximumSilver alloy, double breakType of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts100000typicalcontact 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 @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 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 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 po	Contactor	
number of NC contacts for main contacts 5 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V Type of main contacts Silver alloy, double break mechanical service life (operating cycles) of the main contacts typical 100000 contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) • at tungsten (1 pole per 1 phase) rated value 20A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (3 poles per 3 phases) rated value 30A @600V 2p 1ph • at ballast (1 pole per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 3 phases) rated value 30A @600V 2p 1ph • at ballast (2 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 (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at resistive load (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3p	size of contactor	30 Amp
operating voltage for main current circuit at AC at 60 Hz600 VType of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor100 @ 120V / 3A @ 277V 1p 1ph• with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @ 120V / 3A @ 277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @ 20A @ 277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @ 480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @ 480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @ 600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @ 600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @ 600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @ 600V 2p 1ph• at 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• Auxiliary contact0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	number of NO contacts for main contacts	0
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 tersistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (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• Auxiliary contact10A @600V 3p 3ph• Auxiliary contacts0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	number of NC contacts for main contacts	5
mechanical service life (operating cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @120V / 3A @277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (5 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (5 poles per 3 phases) 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• Auxiliary contacts0number of NO contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0		600 V
typicalcontact rating of the main contacts of lighting contactor• with electronic ballast [LED driver] (1 pole per 1 phase) rated value• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value20A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 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 valueat mumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	Type of main contacts	Silver alloy, double break
• with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @120V / 3A @277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3ph• at resistive load (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 mumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0		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 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 resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phAuxiliary contact30A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0		10A @120V / 3A @277V 1p 1ph
• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phAuxiliary contact30A @600V 3p 3phnumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	 at tungsten (1 pole per 1 phase) rated value 	20A @277V 1p 1ph
• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5p auxiliary contacts0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	 at tungsten (2 poles per 1 phase) rated value 	20A @480V 2p 1ph
• at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (3 poles per 3 phases) rated value 30A @600V 3p 3ph • at resistive load (1 pole per 1 phase) rated value 30A @600V 1p 1ph • at resistive load (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at resistive load (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph Auxiliary contact 30A @600V 3p 3ph number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0	 at tungsten (3 poles per 3 phases) rated value 	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	 at ballast (1 pole per 1 phase) rated value 	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	 at ballast (2 poles per 1 phase) rated value 	30A @600V 2p 1ph
• at resistive load (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph Auxiliary contact 30A @600V 3p 3ph number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0	 at ballast (3 poles per 3 phases) rated value 	30A @600V 3p 3ph
tesistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph Auxiliary contact number of NC contacts for auxiliary contacts 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	NA
type of voltage of the control supply voltage	AC
control supply voltage	
at AC at 50 Hz rated value	550 V
at AC at 60 Hz rated value	575 600 V
	248 VA
apparent pick-up power of magnet coil at AC	246 VA 28 VA
apparent holding power of magnet coil at AC 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 1
design of the housing	indoors, usable on a general basis
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Screw-type terminals
tightening torque [lbf·in] for supply	35 35 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	2x (14 8 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder	35 35 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	2x (14 8 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	15 15 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	2x (18 14 AWG)
temperature of the conductor at magnet coil maximum permissible	75 °C
material of the conductor at magnet coil	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required	100kA@600V (Class R or J 40A max)
design of the short-circuit trip	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (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	

Further information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

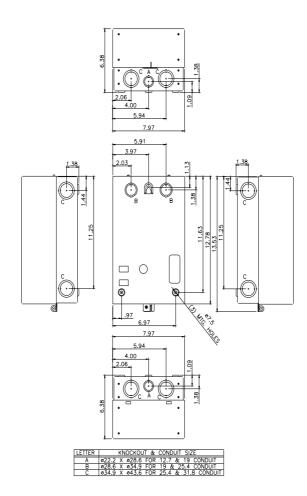
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE01C500600A

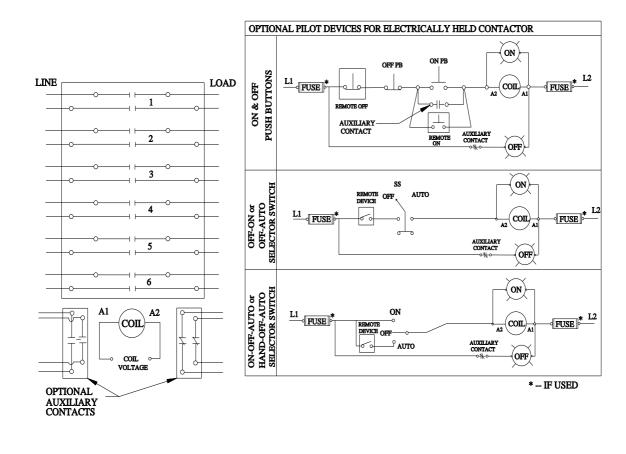
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C500600A

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:LCE01C500600A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C500600A/certificate





D38297001

last modified:

4/5/2023 🖸