## **SIEMENS**

## Data sheet US2:LCE04C504277A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 5 N.C. / 4 N.O. poles, 277V 60Hz / 240V 50Hz coil, Noncombination type, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

design of the product special product feature  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  Veight [b] Helght x Width x Depth [in] 16 x 13 x 6 in NA for enclosed products Installation altitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during storage • during storage • during operation - 13 +104 *F  ambient temperature • during operation - 25 +40 *C  country of origin  USA  Contactor  size of contactor number of NC contacts for main contacts 1 4  number of NC contacts for main contacts 1 5  operating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (3 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at tallasts (2 poles per 1 phase) rated value • at tesistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 4 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 4 phase) rated value • at resistive load (3 poles per 4 p	product brand name	Class LC
Special product feature  General technical data  weight [tb]  Leight x Width x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature ["F]  during storage during operation ambient temperature during operation ambient temperature during operation  ambient temperature during operation  ambient temperature during operation 25 +65 °C  30 +65 °C  40 uring operation 25 +40 °C  Contactor  Size of contacts for main contacts 10 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [ib] 21 lb Height x Width x Depth [in] 16 x 13 x 6 in touch protection against electrical shock NA for enclosed products installation altitude [it] at height above sea level maximum 6660 ft  ambient temperature [it] • during storage 22 +149 "F • during operation 13 +104 "F  ambient temperature • during storage 22 +40 "C  during operation USA  country of origin USA  Contactor  size of contactor  size of contactor  size of contactor of NO contacts for main contacts 4  number of NO contacts for main contacts 5  operating voltage for main contacts 5  operating voltage for main contacts 1  Type of main contacts 1  evaluation of the main contacts of lighting contactor  owith electronic ballast [LED driver] (1 pole per 1 phase) rated value 1  at tungsten (2 poles per 1 phase) rated value 20 & @4777 lp 1ph  at tungsten (2 poles per 1 phase) rated value 20 & @480V 2p 1ph  at tungsten (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (1 pole per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at ballast (2 poles per 1 phase) rated value 30 & @600V 2p 1ph  at resistive load (1 pole per 1 phase) rated value 30 & @600V 2p 1ph  at resistive load (2 poles per 3 phases) rated value 30 & @600V 3p 3ph  Auxiliary contacts  number of NC contacts for auxiliary contacts 0	special product feature	
Height x Width x Depth [in]  touch protection against electrical shock Installation altitude [ft] at height above sea level maximum  6660 ft  6660	General technical data	
touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [*Ft] • during storage • during operation -13 *104 *F  ambient temperature • during storage • during operation -13 *104 *F  ambient temperature • during storage • during operation -25 *40 °C  country of origin  USA  Contactor  size of contactor  number of NC contacts for main contacts 1	weight [lb]	21 lb
installation altitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during operation • during operation • during operation • during operation • USA  Contactor  Size of contactor  size of contacts for main contacts  4  number of NC contacts for main contacts  5  operating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  sievice life (operating cycles) of the main contacts  your at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (5 poles per 1 phase) rated value • at resistive load (6 poles per 1 phase) rated value • at resistive load (7 poles per 1 phase) rated value • at resistive load (8 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at resistive load (9	Height x Width x Depth [in]	16 × 13 × 6 in
ambient temperature ["F]  • during storage • during storage • during operation  ambient temperature  • during storage • during operation  • during operation  • during operation  • during operation  • 25 +40 °C  Country of origin  USA   USA   Contactor  size of contactor  number of NC contacts for main contacts  number of NC contacts for main contacts  per final current circuit at AC at 60 Hz  maximum  Type of main contacts  • with electronic ballast [LED driver] (1 pole per 1 phase)  rated value  • at tungsten (1 pole per 1 phase) rated value  • at tungsten (2 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (6 poles per 1 phase) rated value  • at resistive load (7 pole per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (7 pole per 1 phase) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (	touch protection against electrical shock	NA for enclosed products
during operation  during operation  ambient temperature  during storage  during storage  during operation  2-30 +65 °C  during operation  2-25 +40 °C  country of origin  USA  Contactor  size of contactor  number of NO contacts for main contacts  number of NC contacts for main current circuit at AC at 60 Hz maximum  Type of main contacts  mechanical service life (operating cycles) of the main contacts  with electronic ballast [LED driver] (1 pole per 1 phase) rated value  at tungsten (2 poles per 1 phase) rated value  at tungsten (3 poles per 3 phases) rated value  at ballast (2 poles per 1 phase) rated value  at ballast (1 pole per 1 phase) rated value  at ballast (2 poles per 1 phase) rated value  at ballast (3 poles per 3 phases) rated value  at ballast (1 pole per 1 phase) rated value  at ballast (1 pole per 1 phase) rated value  at ballast (2 poles per 1 phase) rated value  at ballast (3 poles per 3 phases) rated value  at ballast (2 poles per 1 phase) rated value  at ballast (1 pole per 1 phase) rated value  at ballast (2 poles per 3 phases) rated value  at ballast (3 poles per 3 phases) rated value  at resistive load (1 pole per 1 phase) rated value  at resistive load (2 poles per 1 phase) rated value  at resistive load (3 poles per 3 phases) rated value  at resistive load (3 poles per 3 phases) rated value  at resistive load (3 poles per 3 phases) rated value  at resistive load (3 poles per 3 phases) rated value  at resistive load (3 poles per 3 phases) rated value  at resistive load (5 poles per 1 phase) rated value  at resistive load (6 poles per 1 phase) rated value  at resistive load (7 poles per 3 phases) rated value  at resistive load (8 poles per 3 phases) rated value  at resistive load (9 poles per 3 phases) rated value  at resistive load (7 poles per 3 phases) rated value  at resistive load (8 poles per 3 phases) rated value  at resistive load (8 poles per 3 phases) rated value  at resistive load (8 poles per 3 phases) rated value  at resistive load (8 poles per 3 phases) rated value  a	installation altitude [ft] at height above sea level maximum	6560 ft
during operation     ambient temperature     during storage     during operation     25 +40 °C country of origin     USA  Contactor  size of contactor  number of NC contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  mechanical service life (operating cycles) of the main contacts typical  contact rating of the main contacts of lighting contactor  • with electronic ballast [LED driver] (1 pole per 1 phase) rated value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at tesistive load (1 pole per 1 phase) rated value  • at tesistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 1 phase) rated value  • at resistive load (5 poles per 1 phase) rated value  • at resistive load (6 poles per 1 phase) rated value  • at resistive load (7 pole per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value	ambient temperature [°F]	
ambient temperature  • during storage • during operation  -25 +40 °C  country of origin  USA  Contactor  size of contactor  number of NO contacts for main contacts 4 number of NC contacts for main current circuit at AC at 60 Hz maximum  Type of main contacts  silver alloy, double break  mechanical service life (operating cycles) of the main contacts  with electronic ballast [LED driver] (1 pole per 1 phase) rated value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (2 poles per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at tesistive load (1 pole per 1 phase) rated value  • at tesistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 3 phases) rated value  • at resistive load (2 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 3 phases) rated value  • at resistive load (5 poles per 1 phase) rated value  • at resistive load (6 poles per 1 phase) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per	during storage	-22 +149 °F
<ul> <li>during storage</li> <li>during operation</li> <li>-25 +40 °C</li> <li>country of origin</li> <li>USA</li> </ul> Contactor <ul> <li>size of contactor</li> <li>number of NO contacts for main contacts</li> <li>number of NC contacts for main contacts</li> <li>poperating voltage for main current circuit at AC at 60 Hz maximum</li> <li>Type of main contacts</li> <li>mechanical service life (operating cycles) of the main contacts typical</li> <li>contact rating of the main contacts of lighting contactor</li> <li>with electronic ballast [LED driver] (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 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 (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 resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (5 poles per 1 phase) rated value</li> <li>at resistive load (6 poles per 1 phase) rated value</li> <li>at resistive load (7 poles per 1 phase) rated value</li> <li>at resistive load (7 poles per 1 phase) rated value</li> <li>at resistive load</li></ul>	during operation	-13 +104 °F
<ul> <li>during operation</li> <li>-25 +40 °C</li> <li>country of origin</li> <li>USA</li> <li>Contactor</li> <li>size of contactor</li> <li>number of NO contacts for main contacts</li> <li>number of NC contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>Type of main contacts</li> <li>mechanical service life (operating cycles) of the main contacts</li> <li>mechanical service life (operating cycles) of the main contacts typical</li> <li>contact rating of the main contacts of lighting contactor</li> <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 (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 (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 (2 poles per 1 phase) rated value</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>and 6600V 2p 1ph</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>and 6600V 2p 1ph</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>and 6600V 2p 1ph</li> <li>and 70 Phase (20 Phase) rated value</li> <li>and 6600V 2p 1ph</li> <li>and 6600V 2p 1ph&lt;</li></ul>	ambient temperature	
Contactor  size of contacts for main contacts  4  number of NC contacts for main contacts  perating voltage for main current circuit at AC at 60 Hz  maximum  Type of main contacts  silver alloy, double break  100000  silver alloy, double break  100000  100000  100000  100000  100000  100000  100000  100000  100000  1000000	<ul> <li>during storage</li> </ul>	-30 +65 °C
Size of contactor  size of contacts or main contacts  number of NC contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  mechanical service life (operating cycles) of the main contacts typical  outlet 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 value  • at tungsten (2 poles per 3 phases) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at tresistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 3 phases) rated value  • at resistive load (6 poles per 3 phases) rated value  • at resistive load (7 pole per 1 phase) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  number of NC contacts for auxiliary contacts  0  number of NC contacts for auxiliary contacts	during operation	-25 +40 °C
size of contactor  number of NO contacts for main contacts  number of NC contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  mechanical service life (operating cycles) of the main contacts typical  contact 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 value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at tesistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 3 phases) rated value  • at resistive load (6 poles per 3 phases) rated value  • at resistive load (7 pole per 1 phase) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (7 poles per 1 phase) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 p	country of origin	USA
number of NO contacts for main contacts  number of NC contacts for main current circuit at AC at 60 Hz maximum  Type of main contacts  solver alloy, double break  Type of main contacts  mechanical service life (operating cycles) of the main contacts typical  contact 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 value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 3 phases) rated value  • at resistive load (6 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value	Contactor	
number of NC contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  mechanical service life (operating cycles) of the main contacts typical  contact 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 value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 3 phases) rated value  • at resistive load (6 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated valu	size of contactor	30 Amp
perating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  mechanical service life (operating cycles) of the main contacts typical  contact 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 value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 1 phase) rated value  • at ballast (3 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 1 phase) rated value  • at resistive load (6 poles per 1 phase) rated value  • at resistive load (7 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value	number of NO contacts for main contacts	4
Type of main contacts  mechanical service life (operating cycles) of the main contacts typical  contact 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 value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 3 phases) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 1 phase) rated value  • at resistive load (6 poles per 1 phase) rated value  • at resistive load (7 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at res	number of NC contacts for main contacts	5
mechanical service life (operating cycles) of the main contacts typical  contact 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 value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at casistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 3 phases) rated value  • at resistive load (6 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • a		600 V
contact 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 value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 1 phase) rated value  • at resistive load (6 poles per 3 phases) rated value  • at resistive load (7 poles per 1 phase) rated value  • at resistive load (8 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) rated value  • at resistive load (1 poles per 1 phase) ra	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 (3 poles per 3 phases) 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 (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 (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 (5 poles per 3 phases) rated value</li> <li>at resistive load (5 poles per 3 phases) rated value</li> <li>at resistive load (6 poles per 3 phases) rated value</li> <li>at resistive load (7 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 ph</li></ul>		100000
rated value  • at tungsten (1 pole per 1 phase) rated value  • at tungsten (2 poles per 1 phase) rated value  • at tungsten (3 poles per 3 phases) rated value  • at tungsten (3 poles per 3 phases) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (2 poles per 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (2 poles per 1 phase) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (3 poles per 3 phases) rated value  • at resistive load (5 poles per 3 phases) rated value  • at resistive load (6 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (7 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (8 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 3 phases) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles per 1 phase) rated value  • at resistive load (9 poles	contact rating of the main contacts of lighting contactor	
<ul> <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 (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 (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (5 poles per 3 phases) rated value</li> <li>at resistive load (600V 2p 1ph</li> <li>at resistive load (7 poles per 1 phase) rated value</li> <li>at resistive load (7 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (8 poles per 3 phases) rated value</li> <li>at resistive load (9 poles per 3 phases) rated value</li> <li>at resistive load (9 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 3 phases) rated value</li> <li>at resistive load (1 poles per 1 phase) rated value</li> <li>at resistive load (1 poles per 1 phase) rated value</li> <li>at resistive load (1 poles per 1 phase) rated value</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>at resistive load (2 poles per 3 phases) rated value</li> <li>at</li></ul>		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 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 (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (5 poles per 3 phases) rated value</li> <li>at resistive load (600V 3p 3ph</li> </ul> Auxiliary contact <ul> <li>number of NC contacts for auxiliary contacts</li> <li>number of NO contacts for auxiliary contacts</li> <li>0</li> </ul>	• at tungsten (1 pole per 1 phase) rated value	20A @277V 1p 1ph
at ballast (1 pole per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 3 phases) rated value at ballast (3 poles per 3 phases) rated value at resistive load (1 pole per 1 phase) rated value at resistive load (2 poles per 1 phase) rated value at resistive load (2 poles per 1 phase) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value  Auxiliary contact  number of NC contacts for auxiliary contacts  0  number of NO contacts for auxiliary contacts  0	<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @480V 2p 1ph
at ballast (2 poles per 1 phase) rated value at ballast (3 poles per 3 phases) rated value at resistive load (1 pole per 1 phase) rated value at resistive load (2 poles per 1 phase) rated value at resistive load (2 poles per 1 phase) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value  Auxiliary contact  number of NC contacts for auxiliary contacts  0  number of NO contacts for auxiliary contacts  0	<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @480V 3p 3ph
at ballast (3 poles per 3 phases) rated value at resistive load (1 pole per 1 phase) rated value at resistive load (2 poles per 1 phase) rated value at resistive load (2 poles per 1 phase) rated value at resistive load (3 poles per 3 phases) rated value  Auxiliary contact  number of NC contacts for auxiliary contacts  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 at resistive load (2 poles per 1 phase) rated value at resistive load (2 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value  Auxiliary contact  number of NC contacts for auxiliary contacts  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 at resistive load (3 poles per 3 phases) rated value  30A @600V 2p 1ph 30A @600V 3p 3ph  Auxiliary contact  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
at resistive 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  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  number of NO contacts for auxiliary contacts  0  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	0.85 1.1
magnet coil Enclosure	
degree of protection NEMA rating of the enclosure	NEMA 4x 304 stainless steel enclosure
design of the housing	dustproof, waterproof & resistant to corrosion
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 - Dradust Overview (Catalogs - Breehures	

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

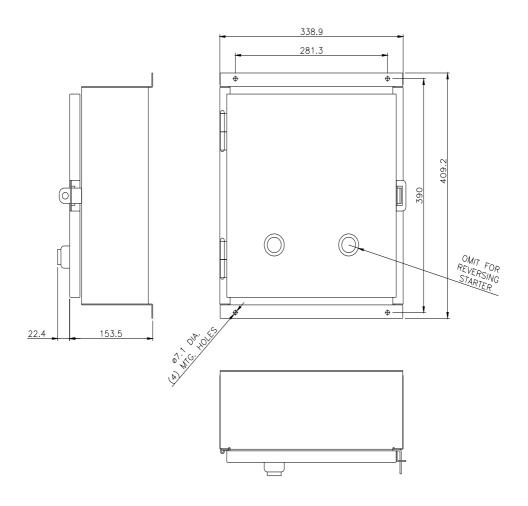
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE04C504277A

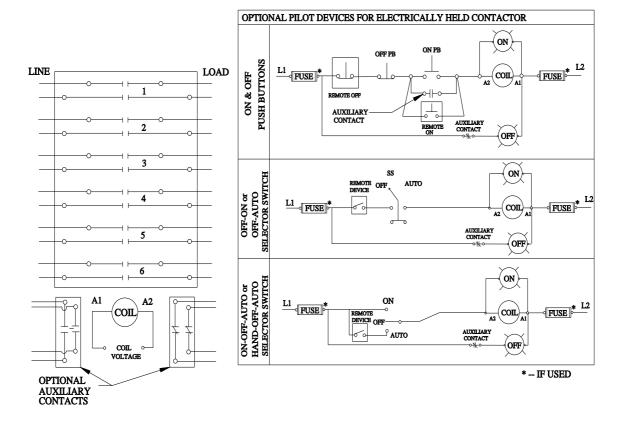
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C504277A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE04C504277A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE04C504277A&lang=en</a>

Certificates/approvals

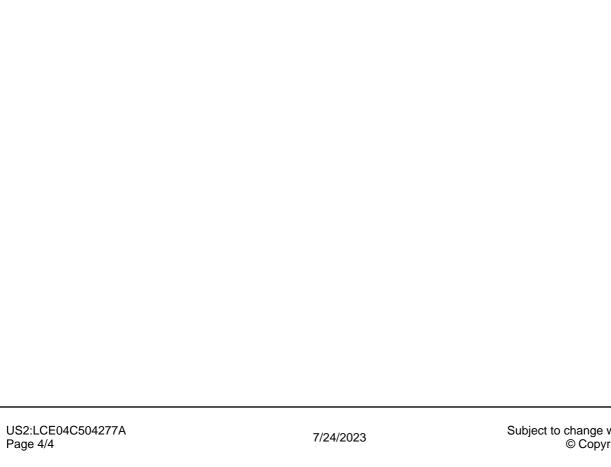
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE04C504277A/certificate





D38297001

last modified: 4/5/2023 🖸



## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

LCE04C504277A