## **SIEMENS**

## Data sheet US2:LCE02C006024A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 0 N.C. / 6 N.O. poles, 24V 60Hz / 20V 50Hz coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

design of the product  special product feature  Electrically held convertible to mechanically held)  Electrically held convertible to mechanically held)  Electrically held convertible to mechanically held; Power poles convertible between NO and NC  General technical data  weight [Ib]	product brand name	Class LC
Electrically held convertible to mechanically held; Power poles convertible between NO and NC  Ceneral technical data  weight [ib] 19 ib  Height x Width x Depth [in] 16 x 13 x 6 in  NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft  ambient temperature ["F]  • during storage -22 +149 "F  • during storage -22 +149 "F  • during storage -30 +65 "C  • during operation -25 +40 "C  country of origin USA  Contactor  size of contactor 30 Amp  number of NO contacts for main contacts 6 anumber of NO contacts for main contacts 90 operating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  silver alloy, double break  Type of 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 (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 tallalast (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 (1 pole 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 (2 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (4 pole per 1 phase) rated value  • at ballast (5 poles per 3 phases) rated value  • at ballast (6 poles per 3 phases) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (9 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 (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [ib]	<u> </u>	Electrically held convertible to mechanically held; Power poles convertible
Height 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 storage  • during operation  -30 +65 °C  -25 +40 °C  country of origin  USA  Contactor  size of contactor  number of NC 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  vipical  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 (3 poles per 3 phases) rated value  • at ballast (1 pole sper 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 ballast (4 pole per 1 phase) rated value  • at ballast (5 poles per 1 phase) rated value  • at ballast (6 poles per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at tensistive load (1 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value  • at ballast (7 pole per 1 phase) rated value	General technical data	
touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature ["F] • during storage • during operation ambient temperature • during storage • during storage • during operation -30 +65 °C • during operation -25 +40 °C  country of origin  Contactor size of contactor number of NC 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 smechanical 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 (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 (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 ballast (4 pole per 1 phase) rated value • at ballast (5 poles per 3 phases) 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 ballast (4 pole per 1 phase) rated value • at ballast (5 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 (1 pole per 1 phase) rated value • at ballast (2 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 (1 pole per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value	weight [lb]	19 lb
installation altitude [ft] at height above sea level maximum ambient temperature ["F]  • during storage • during operation ambient temperature • during storage • during storage • during operation -13 +104 "F  ambient temperature • during operation -25 +40 "C  country of origin  USA  Contactor size of contacts for main contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz maximum  Type of main contacts  soft 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 (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 (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 3 phases) 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 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 (1 pole per 1 phase) rated value • at resistive load (1 pole per 1 phase) rated value	Height x Width x Depth [in]	16 × 13 × 6 in
ambient temperature [°F]  • 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 0 operating voltage 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  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 (3 poles per 3 phases) 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 3 phases) 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 3 phases) 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 3 phases) 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 3 phases) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (4 pole per 1 phase) rated value • at ballast (5 poles per 1 phase) rated value • at ballast (6 pole per 1 phase) rated value • at ballast (7 pole per 1 phase) rated value • at ballast (9 pole per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value	touch protection against electrical shock	NA for enclosed products
<ul> <li>during storage</li> <li>during operation</li> <li>ambient temperature</li> <li>during storage</li> <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>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>Type of main contacts</li> <li>silver alloy, double break</li> </ul> Type of main contacts (operating cycles) of the main contacts <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 ballast (1 pole 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 ballast (3 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 ballast (3 poles per 3 phases) rated value</li> <li>at ballast (3 poles per 1 phase) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at ballast (3 poles per 1 phase) rated value</li> <li>at ballast (3 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>30A @600V 2p 1ph</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>30A @600V 1p 1ph</li> </ul>	installation altitude [ft] at height above sea level maximum	6560 ft
<ul> <li>during operation</li> <li>-13 +104 °F</li> <li>ambient temperature</li> <li>during storage</li> <li>-30 +65 °C</li> <li>during operation</li> <li>25 +40 °C</li> <li>country of origin</li> <li>USA</li> </ul> Contactor <ul> <li>size of contacts for main contacts</li> <li>number of NO 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>Silver alloy, double break</li> <li>100000</li> <li>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 (3 poles per 3 phases) rated value</li> <li>at ballast (1 pole per 1 phase) rated value</li> <li>at ballast (3 poles per 1 phase) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at ballast (3 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 ballast (3 poles per 3 phases) 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 ballast (3 poles per 3 phases) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at contact rating of the main contacts of value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at contact rating of the main contacts of value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at contact rating of the main contacts of value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at contact rating of the main contacts of value</li> <li>at contact rating of the main contacts of value</li> <li>at contact rating of the main contacts of value</li> <li>at contact rating of the main contacts of value</li> <li>at contact rating of the main contacts of value</li> <li>at contact rating of the main contacts of val</li></ul>	ambient temperature [°F]	
ambient temperature  • during storage • during operation  country of origin  USA  Contactor  size of contactor  number of NO 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 (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 ballast (3 poles per 3 phases) 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 3 phases) 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 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at cesistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value	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>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 typical</li> <li>contact rating of the main contacts of lighting contactor</li> <ul> <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 (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 ballast (3 poles per 3 phases) 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 ballast (3 poles per 3 phases) 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 ballast (3 poles per 3 phases) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at contact rating of the main contacts</li> <li>30A @600V 2p 1ph</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 (1 pole per 1 phase) rated value</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>at Pole Per 1 phase</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul></ul>	<ul><li>during operation</li></ul>	-13 +104 °F
• during operation     country of origin     USA  Contactor  size of contactor  size of contacts for main contacts number of NO 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 ballast (3 poles per 3 phases) 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 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at cesistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value	ambient temperature	
country of origin  Size of 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 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 (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) 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 (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at ballast (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value	during storage	-30 +65 °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 ballast (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 (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 (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 calculate (3 poles per 3 phases) rated value  • at calculate (3 poles per 3 phases) rated value  • at calculate (3 poles per 3 phases) rated value  • at calculate (3 poles per 1 phase) rated value  • at calculate (3 poles per 3 phases) rated value  • at calculate (3 poles per 3 phases) rated value  • at calculate (3 poles per 3 phases) rated value  • at calculate (4 pole per 1 phase) rated value  • at calculate (5 poles per 3 phases) rated value  • at calculate (6000 value)  • at calculate (7 pole per 1 phase) rated value  • at calculate (8000 value)	<ul><li>during operation</li></ul>	-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 (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 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at ballast (4 pole per 1 phase) rated value  • at ballast (5 poles per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  30A @600V 1p 1ph	country of origin	USA
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 (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 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 ballast (4 pole per 1 phase) rated value  • at contact rating of the main contacts  100000  10A @120V / 3A @277V 1p 1ph  20A @277V 1p 1ph  20A @480V 2p 1ph  30A @347V 1p 1ph  • at ballast (3 poles per 3 phases) rated value  30A @600V 2p 1ph  • at resistive load (1 pole per 1 phase) rated value  30A @600V 1p 1ph	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 (3 poles per 3 phases) 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 3 phases) rated value  • at ballast (3 poles per 3 phases) rated value  • at resistive load (1 pole per 1 phase) rated value  30A @600V 3p 3ph  • at resistive load (1 pole per 1 phase) rated value  30A @600V 1p 1ph	size of contactor	30 Amp
operating voltage 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 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 resistive load (1 pole per 1 phase) rated value  30A @600V 2p 1ph  • at ode 600V 3p 3ph  • at resistive load (1 pole per 1 phase) rated value  30A @600V 1p 1ph	number of NO contacts for main contacts	6
Type of main contacts  Silver alloy, double break  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 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  30A @600V 3p 3ph  • at resistive load (1 pole per 1 phase) rated value  30A @600V 1p 1ph	number of NC contacts for main contacts	0
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 (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 resistive load (1 pole per 1 phase) rated value  30A @600V 1p 1ph		600 V
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 3 phases) 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 3 phases) rated value  • at ballast (3 poles per 1 phase) rated value  • at resistive load (1 pole per 1 phase) rated value  30A @600V 3p 3ph  • at resistive load (1 pole per 1 phase) rated value	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 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>30A @600V 1p 1ph</li> <li>30A @600V 1p 1ph</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 (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 1 phase) rated value  • at ballast (3 poles per 3 phases) rated value  • at resistive load (1 pole per 1 phase) rated value  30A @600V 3p 3ph  • at resistive load (1 pole per 1 phase) rated value  30A @600V 1p 1ph	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 (3 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>30A @600V 3p 3ph</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>30A @600V 1p 1ph</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 (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>30A @600V 3p 3ph</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>30A @600V 1p 1ph</li> </ul>	• at tungsten (1 pole per 1 phase) rated value	20A @277V 1p 1ph
<ul> <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 resistive load (1 pole per 1 phase) rated value</li> <li>30A @600V 2p 1ph</li> <li>30A @600V 3p 3ph</li> <li>30A @600V 1p 1ph</li> </ul>	• at tungsten (2 poles per 1 phase) rated value	20A @480V 2p 1ph
<ul> <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>30A @600V 2p 1ph</li> <li>30A @600V 3p 3ph</li> <li>30A @600V 1p 1ph</li> </ul>	• at tungsten (3 poles per 3 phases) rated value	20A @480V 3p 3ph
<ul> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>30A @600V 3p 3ph</li> <li>30A @600V 1p 1ph</li> </ul>	<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	<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	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	• at resistive load (3 poles per 3 phases) rated value	30A @600V 3p 3ph
Auxiliary contact	Auxiliary contact	
number of NC contacts for auxiliary contacts 0	number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts 0	number of NO contacts for auxiliary contacts	0
number of total auxiliary contacts maximum 4	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	7.0
at AC at 50 Hz rated value	20 V
at AC at 60 Hz rated value	24 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	addiption and anip-proof for indoor doc
	Vertical
mounting position	
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 - Prochures	

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:LCE02C006024A

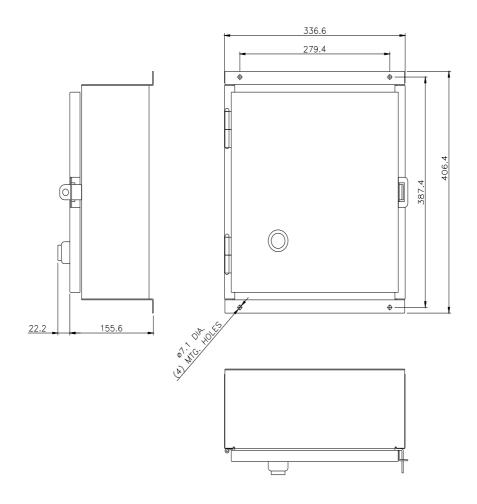
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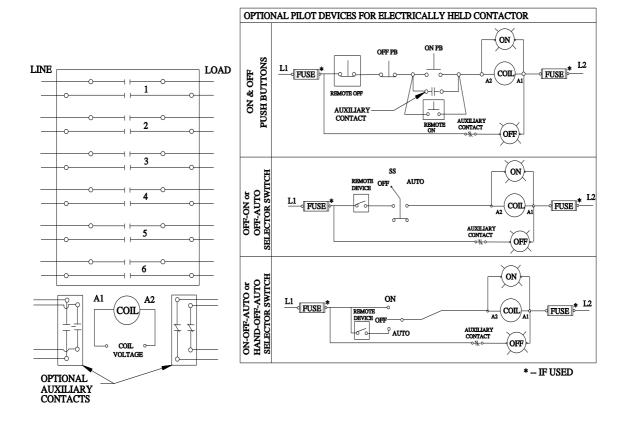
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C006024A

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:LCE02C006024A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE02C006024A&lang=en</a>

Certificates/approvals

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