SIEMENS

Data sheet

US2:LCE01C601024A

Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 6 N.C. / 1 N.O. poles, 24V 60Hz / 20V 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) general technical data Electrically held convertible to mechanically held, Power poles convertible between NO and NC weight [lb] 11 lb Height X Widh x Dapht [n] 14 x 8 x 7 in buch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [FF] -22 +149 "F - during storage -30 +65 "C - during storage -30 +65 "C - during operation -25 +40 "C contactor 30 Amp number of NC contacts for main contacts 1 number of NC contacts for main contacts 6 operating vollage for main contacts 1 number of NC contacts of lighting contactor 30 Advp reakinum 600 V weaking of the main contacts 5 operating vollage for main curited ta AC at 60 Hz 20A @277V 1p 1ph reaking of the main contacts 5 ota tungsten (1 pole per 1 phase) rated value		
special product feature Electrically held convertible to mechanically held; Power poles convertible between NO and NC General tochnical data 11 lb Height X Width X Depth [in] 14 × 8 × 7 in Couch protection against electrical shock NA for enclosed products installation altitude [it] at height above sea level maximum 6600 ft ambient temperature ['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 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 6100 ty 3A @277V 1p 1ph rated value 20A @480V 2p 1ph • at tungsten (1 pole per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at balalst (2 p	product brand name	Class LC
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 altifued [it] at height above sea level maximum 6560 ft ambient temperature ['F] - • during storage -22 +149 'F • during storage -30 +65 'C • during storage	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [Ib] 11 lb Height x Width x Depth [in] 11 x 8 x 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 size of contactor 30 Amp number of NC contacts for main contacts 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 5000 Type of main contacts 1 outset rating of the main contacts 100000 vike electronic ballast [LED drivef] (1 pole per 1 phase) 104 @120V / 3A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @600V 2p 1ph • at tungsten (2 po	special product feature	
Height X Width 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 [FF] - • during operation -13+104 "F ambient temperature - • during operation -22+149 "F • during operation -25+40 "C • operating ontacts 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Type of main current circuit at AC at 60 Hz 100000 • with electronic ballest [LED driver] (1 pole per 1 phase) 104 @120V / 3A @277V 1p 1ph • at tungsten (1 pole per 1 phase) rated value 20A @480V 2p 1ph	General technical data	
Touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] - • during operation -13 +104 °F ambient temperature - • 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 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 100000 Type of main contacts 1 reacture and of the main contacts 100000 vitrie (operating cycles) of the main contacts 100000 vitrigstin (2 poles 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 (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles p	weight [lb]	11 lb
installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -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 1 number of NC contacts for main contacts 6 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 motion of the data exvice life (operating cycles) of the main contacts 100000 typical 100000 e 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 20A @480V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600	Height x Width x Depth [in]	14 × 8 × 7 in
ambient temperature ['F] -22 +149 "F • during storage -22 +149 "F • during storage -30 +65 "C • during operation -25 +40 "C • during operation -25 +40 "C country of origin USA Contactor 30 Amp number of NO contacts for main contacts 1 number of NC contacts for main contacts 6 operating voltage for main contacts 6 operating voltage for main contacts 1 Type of main contacts 6 operating voltage for main contacts of ighting contactor 5liver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 vipical 100000 e at tungsten (1 pole per 1 phase) rated value 20A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 23 gh • at tungsten (3 poles per 3 phases) rated value 20A @480V 39 gh • at ballast (1 pole per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase)	touch protection against electrical shock	NA for enclosed products
• 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 size of contactor 30 Amp number of NO contacts for main contacts 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum footoot Type of main contacts 5liver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 vitting the (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 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 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	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation -13 +104 °F ambient temperature -30 +65 °C • during operation -25 +40 °C country of origin USA Contactor 30 Amp number of NO contacts for main contacts 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Type of main contacts 1 Type of main contacts Silver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 typical 100000 contact rating of the main contacts of lighting contactor 00 A@ (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 tungsten (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 30A @600V 3p 3ph • at resistive load (1 pole per 1 phase) rated value 30A @600V 3p 3ph • at resistive load (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at resist	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 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 1 Type of main contacts Silver alloy, double break motion contacts Silver alloy, double break motion contacts 100000 vpread 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 3 phases) rated value 20A @480V 2p 1ph • at ballast (3 poles per 3 phases) rated value 30A @600V 2p 1ph • at ballast (3 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 30A @600V 3p 3ph • at ballast (3 poles per 3 phases) rated value 30A @600V 3p 3ph	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 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 500 V Type of main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 100000 Type of main contacts 100000 with electronic ballast [LED driver] (1 pole per 1 phase) 10A @120V / 3A @277V 1p 1ph 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 3 phases) rated value 30A @600V 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 • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at resistive load (3	during operation	-13 +104 °F
• during operation -25 +40 °C country of origin USA Contactor 30 Amp number of NO contacts for main contacts 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 7ype of main contacts 100000 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) 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 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 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 3p 3ph • at resistive load (2 poles per 3 phases) rated value 30A @600V 2p 1ph • at resistive load (2 poles per 3 phases) rated value 30A @600V 3p 3ph <t< td=""><td>ambient temperature</td><td></td></t<>	ambient temperature	
country of origin USA Contactor 30 Amp number of NO contacts for main contacts 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 5liver alloy, double break Type of main contacts Silver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 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 (2 poles 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 1 phase) rated value 30A @600V 2p 1ph	during storage	-30 +65 °C
Contactor 30 Amp number of NO contacts for main contacts 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 5 Type of main contacts 5 mechanical service life (operating cycles) of the main contacts 100000 typical 100000 contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value 20A @277V 1p 1ph • at tungsten (1 pole per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 3p 3ph • at ballast (1 pole per 1 phase) rated value 30A @600V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at ballast (3 poles per 3 phases) rated value 30A @600V 2p 1ph • 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 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 value 30A @600V 3p 3ph • at resistive load (2 poles per 3 phases) rate	during operation	-25 +40 °C
size of contactor 30 Amp number of NO contacts for main contacts 1 number of NC contacts for main contacts 6 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 500 V Type of main contacts 511ver alloy, double break mechanical service life (operating cycles) of the main contacts 100000 typical 100000 contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value 20A @277V 1p 1ph • at tungsten (1 pole per 1 phase) rated value 20A @2480V 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 3p 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 3p 3ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph • at	country of origin	USA
number of NO contacts for main contacts1number of NC contacts for main contacts6operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor10A @120V / 3A @277V 1p 1phe at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1phe at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1phe at ballast (1 pole per 1 phase) rated value30A @600V 2p 1phe at ballast (2 poles per 1 phase) rated value30A @600V 2p 1phe at ballast (2 poles per 1 phase) rated value30A @600V 2p 1phe at ballast (2 poles per 1 phase) rated value30A @600V 3p 3phe at ballast (2 poles per 1 phase) rated value30A @600V 3p 3phe at resistive load (1 pole per 1 phase) rated value30A @600V 3p 3phe at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3phe at resistive load (2 poles per 1 phase) rated value30A @600V 3p 3phe at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3phe at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3phe at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3phe at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3phe at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phe at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phe at r	Contactor	
number of NC contacts for main contacts6operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical service life (operating cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • with electronic ballast [LED driver] (1 pole per 1 phase) rated value10A @120V / 3A @277V 1p 1ph• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value30A @600V 2p 1ph• at ballast (1 pole per 1 phase) rated value30A @600V 2p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 3p 3ph• 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 (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 resis	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 @ 277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @ 480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @ 480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @ 600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @ 600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @ 600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @ 600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @ 600V 2p 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 3ph• at resistive load (3 poles per 1 phase) rated value30A @ 600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @ 600V 3p 3phAuxiliary contact0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	number of NO contacts for main contacts	1
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 contactor0000• 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 (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• Auxiliary contact10Anumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	number of NC contacts for main contacts	6
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 @000V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• 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 @480V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• 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 contacts for auxiliary contacts0number of NC contacts for auxiliary contacts0	Type of main contacts	Silver alloy, double break
 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 (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 ballast (2 poles per 1 phase) rated value at ballast (3 poles per 3 phases) rated value at cesistive 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 cesistive load (3 poles per 3 phases) rated value at cesistive load (3 poles per 3 phases) rated value at mumber of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts o 		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 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	 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 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phAuxiliary contact0number 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	
type of voltage of the control supply voltage	AC
control supply voltage	
at AC at 50 Hz rated value	20 V
	20 V 24 V
at AC at 60 Hz rated value	
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 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 (lcu)	
• 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)

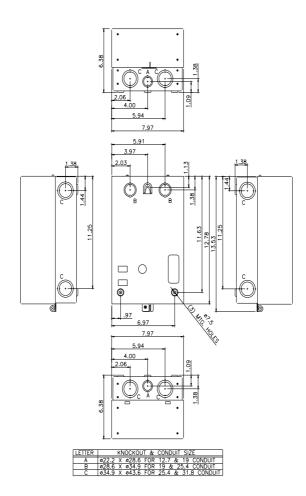
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE01C601024A

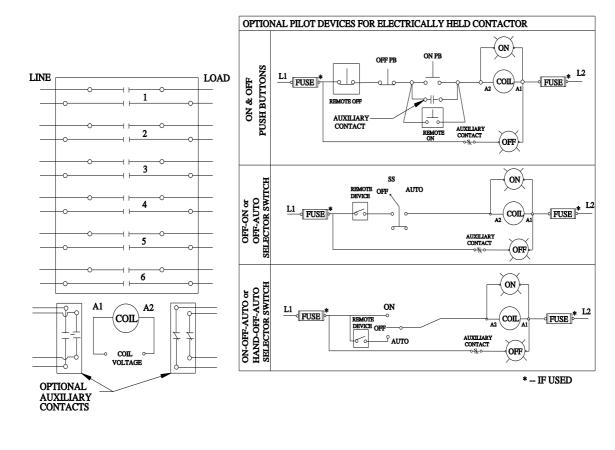
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C601024A

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:LCE01C601024A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C601024A/certificate





D38297001

last modified:

4/5/2023 🖸

Mouser Electronics

Authorized Distributor

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

Siemens: LCE01C601024A