SIEMENS

Data sheet

US2:LCE01C110347A

Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 1 N.C. / 10 N.O. poles, 347V 60Hz coil, Non-combination type, Enclosure NEMA type 1, Indoor general purpose use

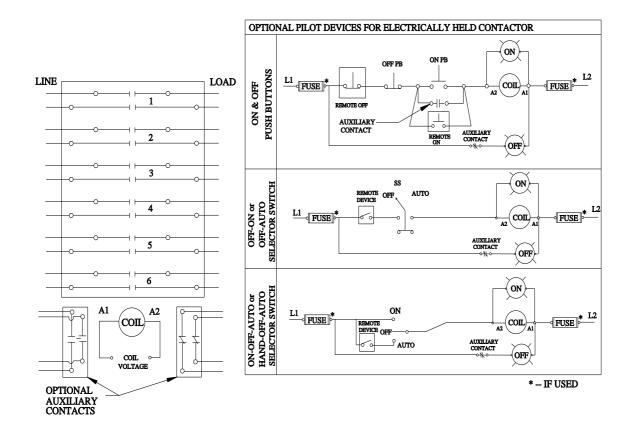


Figuresimilar

weight [lb] 12 lb 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 6660 ft ambient temperature ['F] - • during operation -22 +149 °F • during operation -13 +104 °F ambient temperature - • during operation -25 +40 °C country of origin USA Contactor 30 Amp number of NC contacts for main contacts 1 number of NC contacts for main contacts 1 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 6000 V reading and contacts 1 ontacts typical 100000 contact typical 100000 dutingsten (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 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	riguresinna	
special product feature Electrically held convertible to mechanically held; Power poles convertible between NO and NC Seneral technical data weight [[b] Height x Width x Depth [in] tak 8 × 7 in 12 lb 12 lb 14 * 8 × 7 in Meight X Width x Depth [in] during stratelectrical shock installation against electrical shock mobient temperature [^r F] eduring operation eduring voltage for main contacts 10	product brand name	Class LC
Seneral technical data convertible between NO and NC Seneral technical data <td>design of the product</td> <td>Electrically held lighting contactor (convertible to mechanically held)</td>	design of the product	Electrically held lighting contactor (convertible to mechanically held)
weight [ib] 12 lb Height X Widh 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 660 ft ambient temperature ['F] - • during storage -22 +149 °F • during operation -13 +104 °F ambient temperature - • during operation -25 +65 °C • during operation -25 +60 °C • during operation -25 +40 °C country of origin USA Contactor 30 Amp number of NC contacts for main contacts 1 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Type of main current circuit at AC at 60 Hz 600 V maximum 100000 0000 • 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 (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 per 1 phase) rated value	special product feature	
Height X With 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 6660 ft ambient temperature ['F] -22 +149 °F • during storage -22 +149 °F • during operation -13 +104 °F ambient temperature -22 +40 °C • during storage -25 +40 °C • during operation -25 +40 °C country of origin USA State of contactor 30 Amp number of NC contacts for main contacts 1 number of NC contacts for main contacts 1 operating voltage for main current circuit at AC at 60 Hz Silver alloy, double break mechanical service life (switching cycles) of the main contacts 1 ottungsten (1 pole per 1 phase) rated value 20A @2777 V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph • at ballast (2 poles per 1 phase) rated value 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 val	General technical data	
Usuch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -22 +149 °F • during operation -13 +104 °F ambient temperature -30 +65 °C • during operation -25 +40 °C country of origin USA 20 country of origin USA 20 and peration -25 +40 °C country of origin USA 20 and peration -25 +40 °C country of origin USA 20 and peration -25 +40 °C country of origin USA 20 and peration -25 +40 °C country of origin USA 21 of contacts for main contacts 10 number of NC contacts for main contacts 1 10 operating voltage for main current circuit at AC at 60 Hz 600 V maximum ft/peial 100000 contact typical 100000 contact typical 20A @277V 1p 1ph eat tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph eat tungsten (3 poles per 3 phases) rated va	weight [lb]	12 lb
installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -22 +149 °F • during storage -30 +65 °C • during operation -25 +40 °C country of origin USA >contactor 30 Amp number of NC contacts for main contacts 10 number of NC contacts for main contacts 1 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Silver alloy, double break ortactor 30 Amp number of NC contacts for main contacts 1 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Silver alloy, double break ortact rating of the main contacts 1 ortact rating of the main contacts of lighting contactor 400 °C • at tungsten (2 poles per 1 phase) rated value 20A @277V 1p 1ph • at tungsten (3 poles per 3 phases) rated value 20A @480V 2p 1ph • at ballast (1 pole per 1 phase) rated value 30A @000V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @000V 2p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 3p 3ph • at b	Height x Width x Depth [in]	14 × 8 × 7 in
ambient temperature [F] -22 +149 "F • during storage -30 +104 "F ambient temperature -30 +65 "C • during storage -30 +65 "C • during operation -25 +40 "C country of origin USA Soutactor 30 Amp number of NC contacts for main contacts 10 number of NC contacts for main contacts 1 operating voltage for main current circuit at AC at 60 Hz 600 V maximum Type of main contacts 1 Type of main contacts 1 contact tring of the main contacts of lighting contactor 100000 contact tring of the main contacts of lighting contactor at tungsten (1 pole per 1 phase) rated value at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph at tungsten (3 poles per 3 phases) rated value 30A @600V 2p 1ph at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph at tensitive load (1 pole per 1 phase) rated value 30A @600V 2p 1ph at tensitive load (2 poles per 1 phase) rated value 30A @600V 2p 1ph at ballast (2 poles per 1 phase) rated value <td>touch protection against electrical shock</td> <td>NA for enclosed products</td>	touch protection against electrical shock	NA for enclosed products
• during storage-22 +149 °F• during operation-13 +104 °Fambient temperature-30 +65 °C• during operation-25 +40 °Ccountry of originUSAContactor30 Ampnumber of NC contacts for main contacts10number of NC contacts for main contacts1operating voltage for main contacts1outract stypical100000contact stypical100000contact rating of the main contacts of lighting contactor0• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (3 poles per 3 phases) rated value30A @600V 2p 1ph• at ballast (1 pole sper 1 phase) rated value30A @600V 2p 1ph• at ballast (1 pole sper 1 phase) rated value30A @600V 2p 3ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 3ph• 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 value	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation-13 +104 °Fambient temperature-30 +65 °C• during operation-25 +40 °Ccountry of originUSAContactor30 Ampnumber of NO contacts for main contacts10number of NC contacts for main contacts10number of NC contacts for main contacts10operating voltage for main contacts10Type of main contacts100000Type of main contacts100000contact typical20A @277V 1p 1phcontact typical20A @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 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p	ambient temperature [°F]	
ambient temperature- during storage-30 +65 °C• during operation-25 +40 °Ccountry of originUSASontactor30 Ampnumber of NO contacts for main contacts10number of NC contacts for main contacts10number of NC contacts for main contacts600 Vmaximum600 VType of main contactsSilver alloy, double breakmechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor20A @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 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2	during storage	-22 +149 °F
• during storage-30 +65 °C• during operation-25 +40 °Ccountry of originUSAContactor30 Ampnumber of NO contacts for main contacts10number of NC contacts for main contacts1operating voltage for main current circuit at AC at 60 Hz600 VmaximumSilver alloy, double breakmechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor100000• at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 3 phases) rated value20A @2480V 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 (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 (2 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 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	 during operation 	-13 +104 °F
• during operation-25 +40 °Ccountry of originUSAContactor30 Ampnumber of NO contacts for main contacts10number of NC contacts for main contacts1operating voltage for main current circuit at AC at 60 Hz600 VmaximumSilver alloy, double breakType of main contactsSilver alloy, double breakcontact strypical100000contact rating of the main contacts of lighting contactor100000e at lungsten (1 pole per 1 phase) rated value20A @277V 1p 1phe at ballast (1 pole per 1 phase) rated value20A @480V 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 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 resistive load (2 poles per 1 phase) rated value30A @600V 2p 1phe at resistive load (2 poles per 3 phases) rated value30A @600V 2p 1phe at resistive load (3 poles per 3 phases) rated value30A @600V 2p 1phe at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phcontactmumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	ambient temperature	
country of originUSASize of contactor30 Ampnumber of NO contacts for main contacts10number of NC contacts for main contacts1operating voltage for main current circuit at AC at 60 Hz600 VType of main contactsSilver alloy, double breakmechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor20A @277V 1p 1phe at tungsten (1 pole 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 2p 1phe 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 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 3phwurkliary contact0number of NC contacts for auxiliary contacts0	 during storage 	-30 +65 °C
size of contactor 30 Amp number of NO contacts for main contacts 10 number of NC contacts for main contacts 1 operating voltage for main current circuit at AC at 60 Hz maximum 600 V Type of main contacts Silver alloy, double break mechanical service life (switching cycles) of the main contacts typical 100000 contact typical 20A @277V 1p 1ph contact rating of the main contacts of lighting contactor at tungsten (1 pole per 1 phase) rated value at tungsten (2 poles per 1 phase) rated value 20A @480V 2p 1ph at tungsten (3 poles per 3 phases) rated value 20A @480V 3p 3ph at at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph at resistive load (2 poles per 1 phase) rated value 30A @600V 3p 3ph 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 at resistive load (3 poles per	during operation	-25 +40 °C
size of contactor30 Ampnumber of NO contacts for main contacts10number of NC contacts for main contacts1operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 3 phases) rated value • at ballast (1 pole per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 3 phases) rated value • at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 3 phases) rated value • at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at tersistive load (1 pole per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• Auxiliary contact30A @600V 3p 3phAuxiliary contact0	country of origin	USA
number of NO contacts for main contacts10number of NC contacts for main contacts1operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • 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 (2 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 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 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 value </td <td>Contactor</td> <td></td>	Contactor	
number of NC contacts for main contacts1operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • 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 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 seistive 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• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load	size of contactor	30 Amp
operating voltage for main current circuit at AC at 60 Hz maximum600 VType of main contactsSilver alloy, double breakmechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • 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 @347V 1p 1ph• 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 sistive load (1 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (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 (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph <td< td=""><td>number of NO contacts for main contacts</td><td>10</td></td<>	number of NO contacts for main contacts	10
maximumSilver alloy, double breakType of main contactsSilver alloy, double breakmechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value30A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 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• 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 (1 pole per 1 phase) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (2 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rate	number of NC contacts for main contacts	1
mechanical service life (switching cycles) of the main contacts typical100000contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value20A @277V 1p 1ph• at tungsten (2 poles per 1 phase) rated value20A @480V 2p 1ph• at tungsten (3 poles per 3 phases) rated value20A @480V 3p 3ph• at ballast (1 pole per 1 phase) rated value30A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) 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 3p 3ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V		600 V
contacts typicalcontacts of lighting contactore 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 tungsten (3 poles per 3 phases) rated value20A @480V 3p 3phe at ballast (1 pole per 1 phase) rated value30A @347V 1p 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 (3 poles per 3 phases) rated value30A @600V 2p 1phe at ballast (3 poles per 3 phases) rated value30A @600V 2p 1phe 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 (3 poles per 3 phases) rated value30A @600V 3p 3phe at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3phAuxiliary contactnumber of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts0	Type of main contacts	Silver alloy, double break
 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 (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 (3 poles per 3 phases) 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 contacts for auxiliary contacts number of NC contacts for auxiliary contacts 0 		100000
• 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 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3	contact rating of the main contacts of lighting contactor	
• 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 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases)• at resistive load (3 poles per 3 phases)• at resistiv	 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 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (5 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (6 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (7 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (8 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (9 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (9 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (9 poles per 3 phases) rated value0• at resistive load (9 poles per 3 p	 at tungsten (2 poles per 1 phase) rated value 	20A @480V 2p 1ph
• at ballast (2 poles per 1 phase) rated value30A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value0• at resistive load (3 poles per 3 phases)0	 at tungsten (3 poles per 3 phases) rated value 	20A @480V 3p 3ph
• at ballast (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value0	 at ballast (1 pole per 1 phase) rated value 	30A @347V 1p 1ph
• at resistive load (1 pole per 1 phase) rated value30A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value30A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value30A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value0• at resistive load (3 poles per 3 phases) rated value0	 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 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 0 0 0 0 0 0 0 0 0 0 0 0 0	 at resistive load (1 pole per 1 phase) rated value 	30A @600V 1p 1ph
Auxiliary contact 0 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	NA
to UL Coil	
type of voltage of the control supply voltage	AC
control supply voltage	
at AC at 60 Hz rated value	347 347 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 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 at 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 at 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 at 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
breaking capacity maximum short-circuit current (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, Broch www.usa.siemens.com/iccatalog Industry Mall (Online ordering system)	ures,)
https://mall.industry.siemens.com/mall/en/us/Catalog/produc Service&Support (Manuals, Certificates, Characteristics,	

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C110347A 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:LCE01C110347A&lang=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C110347A/certificate



D38297001

last modified:

1/25/2022 🖸