## SIEMENS

## Data sheet

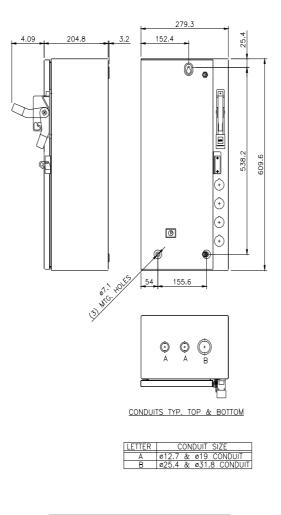
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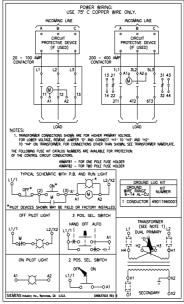


Electrically held lighting contactor, Contactor amp rating 20A, 0 N.C. / 3 N.O. Poles, 198VAC 50HZ/208VAC 60HZ coil, Combination type, 30A/600V fusible disconnect, Enclosure NEMA type 1, Indoor general purpose use

design of the product         Electrically held lighting contactor with fusble disconnect switch           special product feature         Compact design; Finger safe control terminals           General technical data	needuat brand name	Class LE
special product feature         Compact design; Finger safe control terminals           General technical data	•	
Centeral technical data       99 lb         Height X Width X Depth [in]       24 × 11 × 8 in         Cuch protection against electrical shock       NA for enclosed products         installation altitude [it] at height above sea level maximum       6560 ft         ambient temperature ['F]       -67 +176 'F         - during operation       32 104 'F         ambient temperature       -65 +80 'C         - during operation       0 40 'C         country of origin       USA         Contactor       20 Amp         number of NO contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz maximum       600 V         mechanical service life (operating cycles) of the main contacts       30000000         repaint voltage for protecting solution (1 pole per 1 phase)) rated value       20A @277V 1p 1ph         et tungsten (1 pole per 1 phase) rated value       20A @480V 2p 1ph         et tungsten (2 poles per 1 phase) rated value       20A @480V 2p 3ph         et at balast (1 poles per 1 phase) rated value       20A @600V 2p 1ph         et at balast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         et at esistive load (1 poles per 1 phase) rated value       20A @600V 2p 1ph         et resistive load (2 poles per 1 phase) rated value       20A @600V 2p 1ph </td <td></td> <td></td>		
weight [b]     39 lb       Height X Widh x Deph [in]     24 × 11 × 8 in       Jouch protection against electrical shock     NA for enclosed products       installation allitude [ft] at height above sea level maximum     6560 ft       ambient temperature [F]     -0 during operation       • during operation     32 104 *F       ambient temperature [Vi]     -55 +80 *C       • during operation     0 40 *C       contactor     20 Amp       number of NC contacts for main contacts     3       number of NC contacts for main contacts     0       operating voltage of the main contacts     0       operating voltage of main current circuit at AC at 60 Hz     600 V       maximum     84 @120V / 3A @277V 1p 1ph       react voltage of the main contacts     0       operating voltage of privation current circuit at AC at 60 Hz     30000000       voltage of the main contacts of lighting contactor     20 & Q277V 1p 1ph       e at tungsten (1 pole per 1 phase) rated value     20A @480V 2p 1ph       e at tungsten (2 poles per 1 phase) rated value     20A @480V 2p 1ph       e at tungsten (2 poles per 1 phase) rated value     20A @480V 2p 1ph       e at tungsten (2 poles per 1 phase) rated value     20A @600V 2p 1ph       e at tungsten (2 poles per 1 phase) rated value     20A @600V 2p 1ph       e at tungsten (2 poles per 1 phase) rated va	· ·	Compact design; Finger safe control terminals
Height X Width x Depth [in]       24 × 11 × 8 in         touch protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [F]       -0 +176 °F         • during operation       32 104 °F         ambient temperature       -         • during operation       0 40 °C         country of origin       USA         Contactor       20 Amp         number of NC contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       800 V         maximum       600 V         e at ungsten (1 pole per 1 phase) rated value       20A @277V 1p 1ph         e at ungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         e at ballast (1 pole per 1 phase) rated value       20A @480V 3p 3ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 3p 3ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 3p 3ph         e at ballast (2 poles per 1 phase) rated value		
touch protection against electrical shock         NA for enclosed products           installation altitude [I] at height above sea level maximum         6560 ft           ambient temperature [rF]         -           • during operation         32 104 "F           ambient temperature         -           • during operation         32 104 "F           ambient temperature         -           • during operation         0 40 "C           contactor         20 Amp           size of contactor         20 Amp           number of NC contacts for main contacts         0           operating voltage for main contacts of lighting contactor         •           • with electronic ballast [LED driver] (1 pole per 1 phase)         8A @120V / 3A @277V 1p 1ph           cottage for painse vitade 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 (3 poles per 3 phases) rated value         20A @600V 3p 3ph		
installation allitude [ft] at height above sea level maximum       6660 ft         ambient temperature ['F]       -67 +176 'F         • during storage       -55 +80 °C         • during operation       22 104 'F         ambient temperature       -         • during operation       0 40 'C         country of origin       USA         Contactor       20 Amp         number of NC contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       640 'C         contact rating of the main contacts       3         vihi electronic ballast [LED driver] (1 pole per 1 phase)       3000000         vitigsten (2 poles 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       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at		
ambient temperature [*F]       -67 +176 *F         • during storage       -67 +176 *F         • during speration       32 104 *F         ambient temperature       -         • during operation       0 40 *C         • country of origin       USA         Contactor       20 Amp         size of contactor number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       mechanical service life (operating cycles) of the main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       mechanical service life (operating cycles) of the main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V       30000000         typical       contacts of lighting contactor       90A @277V 1p 1ph         • at tungsten (1 pole per 1 phase) rated value       20A @480V 2p 1ph       90A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph       90A @600V 2p 1ph         • at tungsten (3 poles per 3 phases) rated value       20A @600V 2p 1ph       90A @600V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @600V 2p 1ph       90A @600		
• during storage       -67 +176 °F         • during operation       32 104 °F         ambient temperature       -67 +180 °C         • during operation       0 40 °C         countactor       size of contactor         size of contactor       20 Amp         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         maximum       84 @120V / 3A @277V 1p 1ph         contact rating of the main contacts of lighting contactor       8A @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 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       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 Ya ph         • at ballast (1 pole per 1 phase) rated value       20A @600V Ya ph         • at tungsten (3 poles per 3 phases) rated value       20A @600V Ya ph         • at ballast (2 poles per 1	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation       32 104 °F         ambient temperature       -55 +80 °C         • during operation       0 40 °C         country of origin       USA         Contactor       20 Amp         number of NC contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       30000000         typical       500 V         contact rating of the main contacts of lighting contactor       8A @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 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       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       20A @480V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @680V 2p 1ph         • at tesistive load (1 pole per 1 phase) rated va	ambient temperature [°F]	
ambient temperature       -55 +80 °C         • during storage       -55 +80 °C         • during operation       0 40 °C         country of origin       USA         Contactor       20 Amp         number of NC contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       a0000000         typical       30000000         contact rating of the main contacts of lighting contactor       8A @120V / 3A @277V 1p 1ph         • with electronic ballast [LED driver] (1 pole per 1 phase)       8A @120V / 3A @277V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (3 poles per 3 phases) rated value       20A @480V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at tresistive load (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 1 phase) rated value       20A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       20A @600V 3p 3ph         • at resistive load (2 poles per 1 phase) rated value       20A @600V 3p 3ph	<ul> <li>during storage</li> </ul>	
• during storage       -55 +80 °C         • during operation       0 40 °C         country of origin       USA         Contactor       size of contactor         size of contactor       20 Amp         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         maximum       30000000         typical       20A @277V 1p 1ph         contact rating of the main contacts of lighting contactor       8A @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 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @600V 3p 3ph         • at ballast (1 pole per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 1 phase) rated value       20A @600V 2	during operation	32 104 °F
• during operation       0 40 °C         country of origin       USA         Contactor	ambient temperature	
country of origin       USA         Contactor       20 Amp         number of NO contacts for main contacts       3         number of NO contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         mechanical service life (operating cycles) of the main contacts       30000000         typical       contact rating of the main contacts of lighting contactor         • with electronic ballast [LED driver] (1 pole per 1 phase) rated value       20A @277V 1p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         • at tungsten (3 poles per 3 phases) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 3ph         • at ballast (3 poles per 3 phases) rated value       20A @600V 2p 3ph         • at resistive load (1 pole per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 3 phases) rated value       20A @600V 2p 3ph         • at resistive load (3 poles per 3 phases) rated value       20A @600V 3p 3ph	<ul> <li>during storage</li> </ul>	-55 +80 °C
Contactor       20 Amp         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         mechanical service life (operating cycles) of the main contacts       30000000         contact rating of the main contacts of lighting contactor       8A @120V / 3A @277V 1p 1ph         exit ungsten (1 pole per 1 phase) rated value       20A @480V 2p 1ph         e at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         e at ballast (1 pole per 1 phase) rated value       20A @480V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @480V 3p 3ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (3 poles per 3 phases) rated value       20A @600V 2p 1ph         e at resistive load (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at resistive load (2 poles per 1 phase) rated value       20A @600V 3p 3ph         e at resistive load (3 poles per 3 phases) rated value       20A @600V 3p 3ph         e at resistive load (2 poles per 3 phases) rated value       20A @600V 3p 3ph         e at resistive load (3 poles per 3 phases) rated value	during operation	0 40 °C
size of contactor       20 Amp         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         mechanical service life (operating cycles) of the main contacts       30000000         typical       30000000         contact rating of the main contacts of lighting contactor       8A @120V / 3A @277V 1p 1ph         • with electronic ballast [LED driver] (1 pole per 1 phase)       8A @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 2p 1ph         • at tungsten (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 3p 3ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (1 pole per 1 phase) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 3 phases) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 3 phases) rated value       20A @600V 2p 1ph         • at resistive load (2 poles per 3 phases) rated value       20A @600V 2p 1	country of origin	USA
number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       30000000         mechanical service life (operating cycles) of the main contacts       30000000         typical       30000000         contact rating of the main contacts of lighting contactor       8A @120V / 3A @277V 1p 1ph         ext tungsten (1 pole per 1 phase) rated value       20A @247V 1p 1ph         e at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         e at tungsten (3 poles per 3 phases) rated value       20A @600V 2p 1ph         e at ballast (1 pole per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (3 poles per 3 phases) rated value       20A @600V 3p 3ph         e at resistive load (1 pole per 1 phase) rated value       20A @600V 2p 1ph         e at resistive load (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at resistive load (3 poles per 3 phases) rated value       20A @600V 3p 3ph         e at resistive load (3 poles per 3 phases) rated value	Contactor	
number of NC contacts for main contacts       0         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       30000000         mechanical service life (operating cycles) of the main contacts typical       30000000         contact rating of the main contacts of lighting contactor       at the lectronic ballast [LED driver] (1 pole per 1 phase)         e at tungsten (1 pole per 1 phase) rated value       20A @277V 1p 1ph         e at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         e at tungsten (2 poles per 1 phase) rated value       20A @480V 2p 1ph         e at ballast (1 pole per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (2 poles per 1 phase) rated value       20A @600V 2p 1ph         e at ballast (3 poles per 3 phases) rated value       20A @600V 2p 1ph         e at ballast (3 poles per 1 phase) rated value       20A @600V 3p 3ph         e at resistive load (1 pole per 1 phase) rated value       20A @600V 3p 3ph         e at resistive load (2 poles per 1 phase) rated value       20A @600V 3p 3ph         e at resistive load (3 poles per 3 phases) rated value       20A @600V 3p 3ph         e at resistive load (2 poles per 1 phase) rated value       20A @600V 3p 3ph         e at resistive load (2 poles per 1 phase) rated value	size of contactor	20 Amp
operating voltage for main current circuit at AC at 60 Hz600 Vmexhanical service life (operating cycles) of the main contacts typical30000000contact rating of the main contacts of lighting contactorat 200 (2000)• with electronic ballast [LED driver] (1 pole per 1 phase) rated value8A @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 value20A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value20A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value20A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value20A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles	number of NO contacts for main contacts	3
maximummechanical service life (operating cycles) of the main contacts typical30000000contact rating of the main contacts of lighting contactor30000000• with electronic ballast [LED driver] (1 pole per 1 phase) rated value8A @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 value20A @480V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value20A @600V 2p 1ph• at resistive load (1 pole per 1 phase) rated value20A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value20A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value20A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value20A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (2 poles per 1 phase) rated value20A @600V 3p 3ph <td>number of NC contacts for main contacts</td> <td>0</td>	number of NC contacts for main contacts	0
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 value• at tungsten (2 poles 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 (2 poles per 3 phases) rated value• at ballast (1 pole per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at ballast (2 poles per 1 phase) rated value• at resistive load (1 pole per 1 phase) rated value• at resistive load (2 poles per 1 phase) rated value• at resistive load (2 poles per 1 phase) rated value• at resistive load (3 poles per 3 phases) rated value• at resistive load (3 poles per 3 phases) rated value• at resistive load (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 mumber of NC contacts at contactor for auxiliary contacts• number of NO contacts at contactor for auxiliary contacts• number of total auxiliary contacts maximum• contact rating of auxiliary contacts of contactor according to UL• A600 / Q600		600 V
<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 (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 (1 pole per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (2 poles per 3 phases) rated value</li> <li>at cesistive load (1 pole per 1 phase) rated value</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts of contactor according to UL</li> <li>A600 / Q600</li> </ul>		3000000
rated value20A @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 value20A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (2 poles per 3 phases) rated value20A @600V 3p 3ph• at ballast (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value20A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value20A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph <t< td=""><td>contact rating of the main contacts of lighting contactor</td><td></td></t<>	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 value20A @347V 1p 1ph• at ballast (2 poles per 1 phase) rated value20A @600V 2p 1ph• at ballast (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value20A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value20A @600V 2p 1ph• at resistive load (2 poles per 1 phase) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3ph• number of NC contacts at contactor for auxiliary contacts0number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts maximum4contact rating of auxiliary contacts of contactor according to ULA600 / Q600		8A @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>20A @480V 3p 3ph</li> <li>at ballast (2 poles per 1 phase) rated value</li> <li>20A @600V 2p 1ph</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>20A @600V 3p 3ph</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>20A @600V 1p 1ph</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>20A @600V 2p 1ph</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>20A @600V 2p 1ph</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>20A @600V 2p 1ph</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>20A @600V 3p 3ph</li> </ul> Auxiliary contacts number of NC contacts at contactor for auxiliary contacts <ul> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> </ul>	<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	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 (2 poles per 1 phase) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at contacts</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> <li>A600 / Q600</li> </ul>	<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	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>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (2 poles per 1 phase) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at contacts</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at contacts</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive load (3 poles per 3 phases) rated value</li> <li>at resistive rate of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>4</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> <li>A600 / Q600</li> </ul>	<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @480V 3p 3ph
• at ballast (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value20A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value20A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3phAuxiliary contact20A @600V 3p 3phnumber of NC contacts at contactor for auxiliary contacts0number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts maximum4contact rating of auxiliary contacts of contactor according to ULA600 / Q600	<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	20A @347V 1p 1ph
• at ballast (3 poles per 3 phases) rated value20A @600V 3p 3ph• at resistive load (1 pole per 1 phase) rated value20A @600V 1p 1ph• at resistive load (2 poles per 1 phase) rated value20A @600V 2p 1ph• at resistive load (3 poles per 3 phases) rated value20A @600V 3p 3phAuxiliary contact20A @600V 3p 3phnumber of NC contacts at contactor for auxiliary contacts0number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts maximum4contact rating of auxiliary contacts of contactor according to ULA600 / Q600	<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	20A @600V 2p 1ph
• at resistive load (2 poles per 1 phase) rated value         20A @600V 2p 1ph           • at resistive load (3 poles per 3 phases) rated value         20A @600V 3p 3ph           Auxiliary contact         20A @600V 3p 3ph           Auxiliary contacts         0           number of NC contacts at contactor for auxiliary contacts         0           number of NO contacts at contactor for auxiliary contacts         1           number of total auxiliary contacts maximum         4           contact rating of auxiliary contacts of contactor according to UL         A600 / Q600	<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	20A @600V 3p 3ph
• at resistive load (3 poles per 3 phases) rated value         20A @600V 3p 3ph           Auxiliary contact            number of NC contacts at contactor for auxiliary contacts         0           number of NO contacts at contactor for auxiliary contacts         1           number of total auxiliary contacts maximum         4           contact rating of auxiliary contacts of contactor according to UL         A600 / Q600	<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	20A @600V 1p 1ph
Auxiliary contact         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       4         contact rating of auxiliary contacts of contactor according to UL       A600 / Q600	<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	20A @600V 2p 1ph
number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       4         contact rating of auxiliary contacts of contactor according to UL       A600 / Q600	• at resistive load (3 poles per 3 phases) rated value	20A @600V 3p 3ph
number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       4         contact rating of auxiliary contacts of contactor according to UL       A600 / Q600	Auxiliary contact	
number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       4         contact rating of auxiliary contacts of contactor according to UL       A600 / Q600	number of NC contacts at contactor for auxiliary contacts	0
number of total auxiliary contacts maximum       4         contact rating of auxiliary contacts of contactor according to UL       A600 / Q600		1
contact rating of auxiliary contacts of contactor according to UL A600 / Q600		
	Coil	

type of voltage of the control supply voltage	AC
control supply voltage	
• at AC at 50 Hz rated value	198 V
• at AC at 60 Hz rated value	208 V
apparent pick-up power of magnet coil at AC	31.7 VA
apparent holding power of magnet coil at AC	4.8 VA
operating range factor control supply voltage rated value of magnet coil	0.85 1.1
Disconnect Switch	
response value of switch disconnector	30A / 600V
design of fuse holder	Class R fuse clips
operating class of the fuse link	Class R
Enclosure	
degree of protection NEMA rating of the enclosure	NEMA 1 enclosure
design of the housing	indoors, usable on a general basis
Mounting/wiring	
	Martinel
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Box lug
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	1x (14 2 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder	7 12 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	2x (20 16 AWG), 2x (18 14 AWG), 2x 12 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	7 10 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	2x (20 16 AWG), 2x (18 14 AWG)
temperature of the conductor at magnet coil maximum permissible	75 °C
material of the conductor at magnet coil	CU
type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
tightening torque [lbf-in] at contactor for auxiliary contacts	7 12 lbf in
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded	2x (20 16 AWG), 2x (18 14 AWG)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
material of the conductor at contactor for auxiliary contacts	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main	100kA@600V (Class R or J)
circuit required certificate of suitability	
Further information	NEMA ICS 2; UL 508
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