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Data sheet

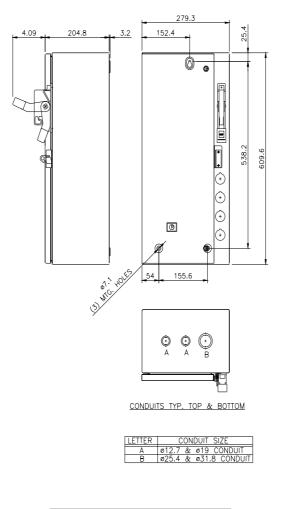
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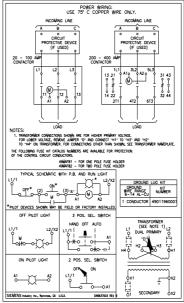


Electrically held lighting contactor, Contactor amp rating 20A, 0 N.C. / 3 N.O. Poles, 277VAC 60HZ coil, Combination type, 30A/250V fusible disconnect, Enclosure NEMA type 1, Indoor general purpose use

product brand name	Class LE
design of the product	Electrically held lighting contactor with fusible disconnect switch
special product feature	Compact design; Finger safe control terminals
General technical data	
weight [lb]	39 lb
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]	
during storage	-67 +176 °F
during operation	32 104 °F
ambient temperature	
during storage	-55 +80 °C
during operation	0 40 °C
country of origin	USA
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 maximum	240 V
mechanical service life (operating cycles) of the main contacts typical	3000000
contact rating of the main contacts of lighting contactor	
 with electronic ballast [LED driver] (1 pole per 1 phase) rated value 	8A @120V / 3A @277V 1p 1ph
 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 3p 3ph
 at ballast (1 pole per 1 phase) rated value 	20A @347V 1p 1ph
 at ballast (2 poles per 1 phase) rated value 	20A @600V 2p 1ph
 at ballast (3 poles per 3 phases) rated value 	20A @600V 3p 3ph
 at resistive load (1 pole per 1 phase) rated value 	20A @600V 1p 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	
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
Coil	

AC 277 V 31.7 VA 4.8 VA 0.85 1.1 30A / 250V Class R fuse clips Class R	
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4.8 VA 0.85 1.1 30A / 250V Class R fuse clips	
0.85 1.1 30A / 250V Class R fuse clips	
30A / 250V Class R fuse clips	
Class R fuse clips	
Class R fuse clips	
NEMA 1 enclosure	
indoors, usable on a general basis	
Vertical	
Surface mounting and installation	
Box lug	
35 35 lbf·in	
1x (14 2 AWG)	
75 °C	
AL or CU	
Screw-type terminals	
7 12 lbf·in	
2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG	
75 °C	
CU	
Screw-type terminals	
7 10 lbf·in	
2x (20 16 AWG), 2x (18 14 AWG)	
75 °C	
CU	
Screw-type terminals	
7 12 lbf-in	
2x (20 16 AWG), 2x (18 14 AWG)	
75 °C	
CU	
100kA@600V (Class R or J)	
NEMA ICS 2; UL 508	
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:LEFA1B003277B	
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:LEFA1B003277B	
D models, device circuit diagrams, EPLAN macros,) <u>S2:LEFA1B003277B⟨=en</u>	





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