SIEMENS

Data sheet US2:LEDB4B003208B



Electrically held lighting contactor, Contactor amp rating 20A, 0 N.C. / 3 N.O. Poles, 198VAC 50HZ/208VAC 60HZ coil, Combination type, 30A/600V non-fuse disconnect, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive

product brand name	Class LE
design of the product	Electrically held lighting contactor with non-fusible disconnect switch
special product feature	Compact design; Finger safe control terminals
General technical data	
weight [lb]	38 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	600 V
mechanical service life (operating cycles) of the main contacts typical	30000000
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	

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type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection at contactor for auxiliary contacts tightening torque [libf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible 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 circuit required certificate of suitability NEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals
temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible 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 circuit required certificate of suitability NEMA ICS 2; UL 508	tightening torque [lbf·in] at magnet coil	7 10 lbf·in
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type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible 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 circuit required certificate of suitability NEMA ICS 2; UL 508	type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
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design of the fuse link for short-circuit protection of the main circuit required certificate of suitability 100kA@600V (Class R or J) NEMA ICS 2; UL 508	material of the conductor at contactor for auxiliary contacts	CU
circuit required certificate of suitability NEMA ICS 2; UL 508	Short-circuit current rating	
•	·	100kA@600V (Class R or J)
Approvals Certificates	certificate of suitability	NEMA ICS 2; UL 508
	Approvals Certificates	



Test Certificates

Further information

Industrial Controls - Product Overview (Catalogs, Brochures,...)

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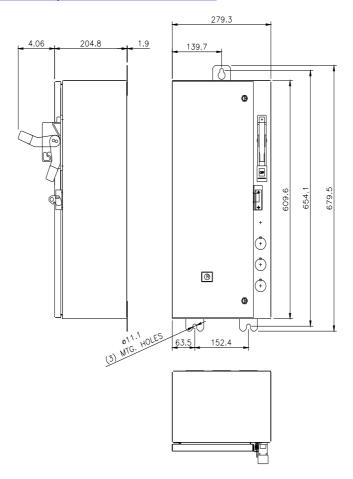
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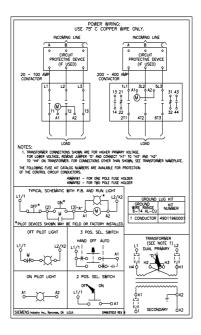
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