## **SIEMENS**

## Data sheet US2:LEDB1C003347B



Electrically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 3 N.O. Poles, 347VAC 60HZ coil, Combination type, 30A/600V non-fuse disconnect, Enclosure NEMA type 1, Indoor general purpose use

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	30 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	1000000	
contact rating of the main contacts of lighting contactor		
<ul> <li>with electronic ballast [LED driver] (1 pole per 1 phase) rated value</li> </ul>	16A @120V / 8A @277V 1p 1ph	
<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	30A @277V 1p 1ph	
<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	30A @480V 2p 1ph	
<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	30A @480V 3p 3ph	
<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	30A @347V 1p 1ph	
<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	30A @600V 2p 1ph	
<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	30A @600V 3p 3ph	
<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @600V 1p 1ph	
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	30A @600V 2p 1ph	
• at resistive load (3 poles per 3 phases) rated value	30A @600V 3p 3ph	
Auxiliary contact		
number of NC contacts at contactor for auxiliary contacts	1	
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		

type of voltage of the control supply voltage  control supply voltage  at AC at 60 Hz rated value  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  9.4 VA	
at AC at 60 Hz rated value  apparent pick-up power of magnet coil at AC  87 VA	
apparent pick-up power of magnet coil at AC 87 VA	
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apparent holding power of magnet coil at AC 9.4 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 non-fusible	
operating class of the fuse link non-fusible	
Enclosure	
degree of protection NEMA rating of the enclosure NEMA 1 enclosure	
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  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 18 22 lbf·in	
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  2x (16 12 AWG), 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 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 75 °C permissible	
material of the conductor at magnet coil	
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	
temperature of the conductor at contactor for auxiliary contacts maximum permissible 75 °C	
material of the conductor at contactor for auxiliary contacts	
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required  100kA@600V (Class J)	
certificate of suitability NEMA ICS 2; UL 508	
Further information	

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

www.usa.siemens.com/iccatalog

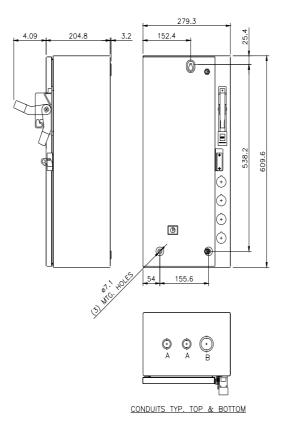
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LEDB1C003347B

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LEDB1C003347B

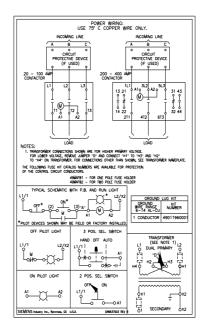
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LEDB1C003347B&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LEDB1C003347B&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LEDB1C003347B/certificate



LETTER	CONDUIT SIZE
A	ø12.7 & ø19 CONDUIT
В	ø25.4 & ø31.8 CONDUIT



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