SIEMENS

Data sheet US2:LCE00C401240A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 4 N.C. / 1 N.O. poles, 230-240V 60Hz/220V 50Hz coil, Noncombination type, Enclosure NEMA type (open), No enclosure

lesign of the product pecial product feature	Electrically held lighting contactor (convertible to mechanically held) Electrically held convertible to mechanically held; Power poles convertible
	Electrically held convertible to mechanically held: Power noise convertible
	between NO and NC
neral technical data	
veight [lb]	3 lb
leight x Width x Depth [in]	7.39 × 4.18 × 3.86 in
ouch protection against electrical shock	Main circuit (finger-safe); Control circuit (finger-safe)
nstallation altitude [ft] at height above sea level maximum	6560 ft
imbient temperature [°F]	
during storage	-22 +149 °F
during operation	-13 +104 °F
imbient temperature	
during storage	-30 +65 °C
during operation	-25 +40 °C
country of origin	USA
ntactor	
ize of contactor	30 Amp
number of NO contacts for main contacts	1
number of NC contacts for main contacts	4
perating voltage for main current circuit at AC at 60 Hz naximum	600 V
ype of main contacts	Silver alloy, double break
nechanical service life (operating cycles) of the main contacts ypical	100000
contact rating of the main contacts of lighting contactor	
 with electronic ballast [LED driver] (1 pole per 1 phase) rated value 	10A @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	30A @347V 1p 1ph
 at ballast (2 poles per 1 phase) rated value 	30A @600V 2p 1ph
• at ballast (3 poles per 3 phases) rated value	30A @600V 3p 3ph
• at resistive load (1 pole per 1 phase) rated value	30A @600V 1p 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
xiliary contact	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of total auxiliary contacts maximum	4

contact rating of auxiliary contacts of contactor according to UL	NA
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	7.0
at AC at 50 Hz rated value	220 V
at AC at 60 Hz rated value	230 240 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	Open device (no enclosure)
design of the housing	NA
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 for 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 for 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 for 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
maximum short-circuit current breaking capacity (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 - Bradust Overview (Catalogs - Brashuras	

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

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Industry Mall (Online ordering system)

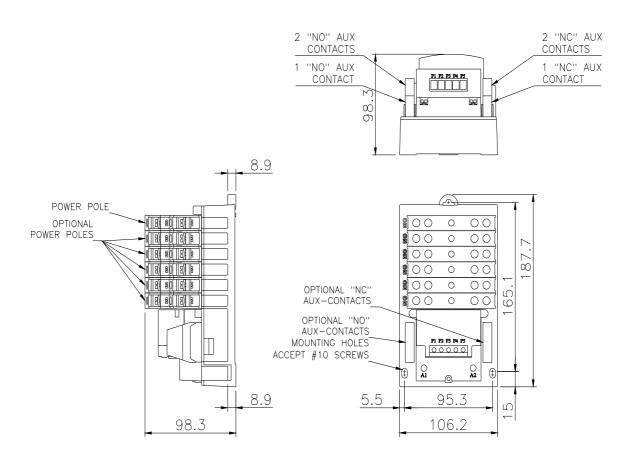
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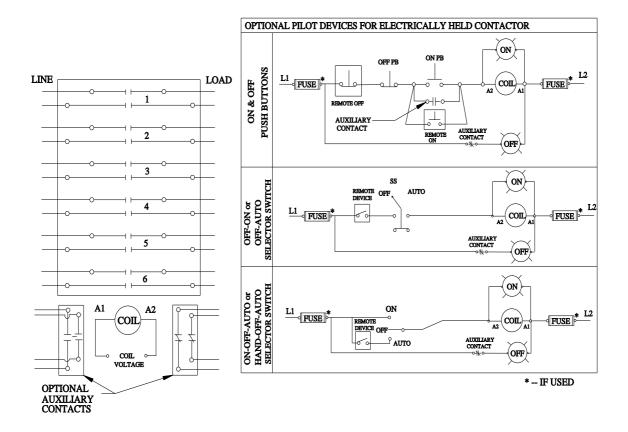
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C401240A

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:LCE00C401240A&lang=en

Certificates/approvals

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