## **SIEMENS**

## Data sheet US2:LCE00C108024A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 1 N.C. / 8 N.O. poles, 24V 60Hz / 20V 50Hz coil, Noncombination type, Enclosure NEMA type (open), No enclosure

Figure similar

product brand name	Class LC	
design of the product	Electrically held lighting contactor (convertible to mechanically held)	
special product feature	Electrically held convertible to mechanically held; Power poles convertible between NO and NC	
General technical data		
weight [lb]	3 lb	
Height x Width x Depth [in]	7.39 × 4.18 × 3.86 in	
touch protection against electrical shock	Main circuit (finger-safe); Control circuit (finger-safe)	
installation altitude [ft] at height above sea level maximum	6560 ft	
ambient temperature [°F]		
<ul> <li>during storage</li> </ul>	-22 +149 °F	
during operation	-13 +104 °F	
ambient temperature		
<ul><li>during storage</li></ul>	-30 +65 °C	
during operation	-25 +40 °C	
country of origin	USA	
Contactor		
size of contactor	30 Amp	
number of NO contacts for main contacts	8	
number of NC contacts for main contacts	1	
operating voltage for main current circuit at AC at 60 Hz maximum	600 V	
Type of main contacts	Silver alloy, double break	
mechanical service life (switching cycles) of the main contacts typical	100000	
contact rating of the main contacts of lighting contactor		
<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @277V 1p 1ph	
<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @480V 2p 1ph	
<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @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	
• at resistive load (2 poles per 1 phase) rated value	30A @600V 2p 1ph	
<ul> <li>at resistive load (3 poles per 3 phases) rated value</li> </ul>	30A @600V 3p 3ph	
Auxiliary contact		
number of NC contacts for auxiliary contacts	0	
number of NO contacts for auxiliary contacts	0	
number of total auxiliary contacts maximum	4	

Coil  Type of voltage of the control supply voltage  at AC at 50 Hz rated value  apparent pick-up power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  Enclosure  degree of protection NEMA rating of the enclosure  design of the housing  Mounting/wiring  mounting position  fastening method  type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply  yeb of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded  temperature of the conductor for supply  type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder maximum permissible  temperature of the conductor for load-side outgoing feeder maximum permissible  the conductor for load-side outgoing feeder maximum permissible  at AWG cables single or multi-stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  temperature of the conductor for load-side outgoing feeder maximum permissible  type of electrical connection of magnet coil sightening torque [lbf-in] for load-side outgoing feeder maximum permissible  temperature of the conductor for load-side outgoing feeder maximum permissible  type of connectable conductor at magnet coil sightening torque [lbf-in] at	contact rating of auxiliary contacts of contactor according	NA
type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  24 V  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value  drangent coil  Tenclosure  degree of protection NEMA rating of the enclosure  degree of protection NEMA rating of the enclosure  degree of protection NEMA rating of the enclosure  design of the housing  Mounting/wirring  mounting position  Vertical  fastening method  Surface mounting and installation  \$\text{Vertical}\$  \$\text{3535}\$ ibr\(\text{in}\)  \$\text{2535}\$ ibr\(\text{in}\)  \$\text{2636}\$ ibr\(\text{in}\)  \$\text{2736}\$ ibr\(\text{in}\)  \$\text{2836}\$ ibr\(\text{in}\)  \$\text{2836}\$ ibr\(\text{in}\)  \$\text{3535}\$ ibr\(\text{in}\)  \$\text{2736}\$ ibr\(\text{in}\)  \$\text{2836}\$ ibr\(\text{in}\)  \$\text{3536}\$ ibr\(\text{in}\)  \$\text{2836}\$ ibr\(\text{in}\)  \$\text{2836}\$ ibr\(\text{in}\)  \$\text{2836}\$ ibr\(\text{in}\)  \$\text{3636}\$ ibr\(\text{in}\)  \$\text{2836}\$ ibr\(\tex	·	NA
control supply voltage  at AC at 50 Hz rated value  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent power of magnet coil aximum permissible  apparent power of magnet coil	Coil	
at AC at 50 Hz rated value at AC at 60 Hz rated value 24 V apparent holding power of magnet coil at AC apparent holding power of magnet coil and a AC apparent holding power of a AC apparent holding power of the conductor at magnet coil maximum permissible apparent required the conductor at magnet coil maximum permissible apparent required by a AC apparent power of power of power of power of power of power of the conductor at magnet coil maximum permissible apparent required by a AC apparent power of power o	type of voltage of the control supply voltage	AC
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil  Enclosure  degree of protection NEMA rating of the enclosure design of the housing  Mounting/wiring  mounting position  [astening method Igstening method Surface mounting and installation Surface m	control supply voltage	
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC apparent nape factor control supply voltage rated value of magnet coil  Enclosure degree of protection NEMA rating of the enclosure design of the housing NA  Mounting/wiring  mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder type of connectable conductor cross-sections at NAWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder maximum permissible material of the conductor at magnet coil material	<ul> <li>at AC at 50 Hz rated value</li> </ul>	20 V
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil  Enclosure  degree of protection NEMA rating of the enclosure design of the housing  Mounting/wiring  mounting position fastening method Surface mounting and installation Stype of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply  ype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible  type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG ables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder sightening torque [lbf-in] at magnet coil type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor at magnet coil  The in the conductor at magnet coil The in the conductor at magnet coil The in the conductor at magnet coil The in the first link for short-circuit protection of the material of the conductor at magnet coil Themal magnetic circuit breaker	<ul> <li>at AC at 60 Hz rated value</li> </ul>	24 V
operating range factor control supply voltage rated value of magnet coil  factorian and the conductor for supply voltage rated value of magnet coil  degree of protection NEMA rating of the enclosure  design of the housing  MA  Mounting/wiring  mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [libr-lin] for supply  ype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply greated by performing to permissible  material of the conductor for supply type of connectable conductor for supply maximum permissible  for connectable conductor for supply for electrical connection for load-side outgoing feeder tightening torque [libr-lin] for load-side outgoing feeder tightening torque [libr-lin] for load-side outgoing feeder stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil Screw-type terminals  2x (14 8 AWG)	apparent pick-up power of magnet coil at AC	248 VA
of magnet coil  Enclosure  degree of protection NEMA rating of the enclosure  design of the housing  Mounting/wiring  mounting position  type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply  type of connectable conductor for supply maximum permissible  material of the conductor for supply  type of electrical connection for load-side outgoing feeder type of electrical connection for supply  type of electrical connection for supply  type of connectable conductor for supply  Type of electrical connection for load-side outgoing feeder stype of connectable conductor for supply  CU  CU  Cables for load-side outgoing feeder Strew-type terminals  tightening torque [lbf-in] for load-side outgoing feeder stranded  temperature of the conductor cross-sections at AWC cables for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder maximum permissible  temperature of the conductor for load-side outgoing feeder maximum permissible  stemperature of the conductor for load-side outgoing feeder maximum permissible  stemperature of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder stranded  temperature of the conductor of magnet coil  Screw-type terminals  tightening torque [lbf-in] at magnet coil  Screw-type terminals  2x (14 8 AWG)	apparent holding power of magnet coil at AC	28 VA
degree of protection NEMA rating of the enclosure  design of the housing  Mounting/wiring  mounting position		0.85 1.1
design of the housing  Mounting/wiring  mounting position  fastening method  Surface mounting and installation  Strew-type terminals  tightening torque [lbf-in] for supply voltage line-side  at AWG cables single or multi-stranded  temperature of the conductor for supply maximum  permissible  material of the conductor for supply or geeder  stype of electrical connection for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  type of connectable conductor rorss-sections at AWG  cables for load-side outgoing feeder  type of connectable conductor for load-side outgoing feeder  temperature of the conductor for load-side outgoing feeder  temperature of the conductor for load-side outgoing feeder  maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  screw-type terminals  2x (14 8 AWG)  2x	Enclosure	
mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of electrical conductor cross-sections at AWG cables for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the solution of the solut	degree of protection NEMA rating of the enclosure	Open device (no enclosure)
mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder stranded temperature of the conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder stranded temperature of the conductor for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil type of connectable conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the confouctor at magnet coil maximum permissible  material of the confouctor at magnet coil maximum permissible  material of the confouctor at magnet coil maximum permissible  material of the confouctor at magnet coil  CU  Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip  Thermal magnetic circuit breaker	design of the housing	NA
fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil Thermal magnetic circuit breaker	Mounting/wiring	
type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  75 °C  CU  Utype of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  To °C  CU  Stort-type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  To °C  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker	mounting position	Vertical
tightening torque [ibf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [ibf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [ibf-in] at magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker	fastening method	Surface mounting and installation
tightening torque [ibf-in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [ibf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [ibf-in] at magnet coil tightening torque [ibf-in] at magnet coil tightening torque [ibf-in] at magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker	type of electrical connection for supply voltage line-side	Screw-type terminals
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply CU  type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder or sables for load-side outgoing feeder stranded temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  Thermal magnetic circuit breaker		35 35 lbf·in
temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil material of the short-circuit protection of the main circuit required design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker	, i	2x (14 8 AWG)
type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil  Screw-type terminals  15 15 lbf-in 2x (14 8 AWG)  CU  Screw-type terminals  15 15 lbf-in 2x (18 14 AWG)  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker	temperature of the conductor for supply maximum	75 °C
tightening torque [lbf-in] for load-side outgoing feeder  type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multistranded  temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil  Screw-type terminals  2x (14 8 AWG)  CU  Screw-type terminals  15 15 lbf-in  2x (18 14 AWG)  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker	material of the conductor for supply	CU
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multistranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil at AWG collegion of the conductor at magnet coil at AWG collegion of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker	type of electrical connection for load-side outgoing feeder	Screw-type terminals
cables for load-side outgoing feeder single or multi- stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil stightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  Thermal magnetic circuit breaker	tightening torque [lbf·in] for load-side outgoing feeder	35 35 lbf·in
maximum permissible material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil stightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil  Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip  Thermal magnetic circuit breaker	cables for load-side outgoing feeder single or multi-	2x (14 8 AWG)
type of electrical connection of magnet coil  tightening torque [lbf·in] at magnet coil  type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  Thermal magnetic circuit breaker		75 °C
tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker	material of the conductor for load-side outgoing feeder	CU
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker	type of electrical connection of magnet coil	Screw-type terminals
coil at AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  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  design of the short-circuit trip  Thermal magnetic circuit breaker	tightening torque [lbf·in] at magnet coil	15 15 lbf·in
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  design of the short-circuit trip  Thermal magnetic circuit breaker		2x (18 14 AWG)
Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker		75 °C
design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  100kA@600V (Class R or J 40A max)  Thermal magnetic circuit breaker	material of the conductor at magnet coil	CU
main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker	Short-circuit current rating	
		100kA@600V (Class R or J 40A max)
breaking capacity maximum short-circuit current (Icu)	design of the short-circuit trip	Thermal magnetic circuit breaker
	breaking capacity maximum short-circuit current (Icu)	
• at 240 V 24 kA	• at 240 V	24 kA
• at 480 V 65 kA	• at 480 V	65 kA
• at 600 V 25 kA	• at 600 V	25 kA
certificate of suitability NEMA ICS 2; UL 508	certificate of suitability	NEMA ICS 2; UL 508

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)
<a href="https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE00C108024A">https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE00C108024A</a>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C108024A

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:LCE00C108024A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C108024A/certificate

last modified: 1/6/2022