## **SIEMENS**

## Data sheet US2:LCE01C802024A

Class LC

Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 8 N.C. / 2 N.O. poles, 24V 60Hz / 20V 50Hz coil, Non-combination type, Enclosure NEMA type 1, Indoor general purpose use



product ordina riamo	0.000 20
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]	11 lb
Height x Width x Depth [in]	14 × 8 × 7 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	-22 +149 °F
during operation	-13 +104 °F
ambient temperature	
during storage	-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	2
number of NC contacts for main contacts	8
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 (operating cycles) of the main contacts typical	100000
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>	10A @120V / 3A @277V 1p 1ph
<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @277V 1p 1ph
• at tungsten (2 poles per 1 phase) rated value	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
<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 for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of total auxiliary contacts maximum	4

Cotil type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  by a of electrical connection for load-side outgoing feeder  apparent power of the conductor for load-side outgoing feeder  apparent power holding power of magnet coil at AC  AVG cables single or multi-stranded  temperature of the conductor for load-side outgoing feeder  apparent power holding power holding power holding power of the apparent power holding power hol	contact rating of auxiliary contacts of contactor according to UL	NA	
type of voltage of the control supply voltage  a at AC at 50 Hz rated value  a taC at 50 Hz rated value  20 V  apparent pick-up power of magnet coil at AC  apparent pick-up power pick-up	<u> </u>		
control supply voltage  at AC at 60 Hz rated value  apparent pick-up power of magnet coil at AC  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent power of magnet coil  apparent power of magnet coil at AC  and AC at AC at AC AC  and AC at AC AC  and AC at AC AC  apparent power of magnet coil and apparent power p		AC.	
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apparent pick-up power of magnet coil at AC apparent holding power of holding power of the housing  Mounting/wiring  mounting position Satening method Surface mounting and installation ype of electrical connection for supply voltage line-side tightening torque (libf-in) for supply ype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply ype of electrical connection for load-side outgoing feeder strong to the conductor cross-sections for 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 apparent of the conductor for load-side outgoing feeder apparent of the conductor for load-side outgoing feeder maximum permissible material of the conductor at magnet coil sightening torque (lbf-in) at magn			
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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/Wring  mounting position  fastening method  type of electrical connection for supply voltage line-side  gheining torque [lbf-in] for supply  yes of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  gheining torque [lbf-in] for supply  yes of electrical connection for supply maximum permissible  attemperature of the conductor for supply  yes of electrical connection for load-side outgoing feeder  gheining torque [lbf-in] for supply  yes of electrical connection for load-side outgoing feeder  yes of connectable conductor or supply  yes of electrical connection for load-side outgoing feeder  gheining torque [lbf-in] for load-side outgoing feeder  sort load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  makerial of the conductor for load-side outgoing feeder  material of the conductor for load-side outgoing feeder  material of the conductor for load-side outgoing feeder  yes of electrical connection of magnet coil  yes of electrical connection of magnet coil  yes of electrical connection of magnet coil  yes of connectable conductor or coss-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 maximum  permissible  material of the conductor at magnet coil maximum  permissible of the fuse link for short-circuit protection of the main circuit required  design of the fuse link for short-circuit trip  maximum short-circuit current breaking capacity (leu)  at 240 V  at 800 V  25 kA  certificate of suitability  NEMA ICS 2; UL 508			
degree of protection NEMA rating of the enclosure design of the housing  mounting position fastening method design of connection for supply voltage line-side lightening torque [libf-in] for supply for electrical connection for supply with single or law for load-side outgoing feeder design of the conductor for supply maximum permissible representative of the conductor for supply maximum permissible lightening torque [libf-in] for load-side outgoing feeder design of the one conductor for supply  Social Sibria  1 Sype of electrical connection for load-side outgoing feeder significantly for connectable conductor for supply  Cu Sype of electrical connection for load-side outgoing feeder significantly for load-side outgoing feeder significantly for connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded stemperature of the conductor for load-side outgoing feeder maximum permissible  temperature of the conductor for load-side outgoing feeder maximum permissible  temperature of the conductor for load-side outgoing feeder maximum permissible  temperature of the conductor of load-side outgoing feeder cu Sype of connectable conductor cross-sections of magnet coil Sype of electrical connection of magnet coil Sype of connectable conductor cross-sections of magnet coil Sype 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 maximum design of the fuse link for 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 fuse link for short-circuit trip maximum short-circuit current breaking capacity (lcu)  at 24 kA  at 480 V  at 480 V  at 680 V  25 kA  certificate of suitability	operating range factor control supply voltage rated value of		
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  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 Screw-type terminals  tightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals  tightening torque [lbf-in] 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 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 single or multi-stranded  tightening torque [lbf-in] at magnet coil Screw-type terminals  tightening torque [lbf-in] at magnet coil Toractive torget conductor at magnet coil maximum  To "C  Screw-type terminals  2x (14 8 AWG)  2x (18 14 AWG			
mounting position   Vertical   fastening method   Surface mounting and installation   type of electrical connection for supply voltage line-side   Screw-type terminals   tightening torque [ibFin] for supply   35 35 lbFin   type of connectable conductor cross-sections at line-side for   AWG cables single or multi-stranded   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   35 35 lbFin   type of connectable conductor cross-sections for AWG cables   Screw-type terminals   tightening torque [lbFin] for load-side outgoing feeder   35 35 lbFin   type of connectable conductor cross-sections for AWG cables   for load-side outgoing feeder   35 35 lbFin   type of connectable conductor for load-side outgoing feeder   75 °C   maximum permissible   To the conductor for load-side outgoing feeder   To CU   type of electrical connection of magnet coil   Screw-type terminals   tightening torque [lbFin] at magnet coil	degree of protection NEMA rating of the enclosure	NEMA Type 1	
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 temperature 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 Screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals tightening torque [lbf-in] 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 temperature of the conductor for load-side outgoing feeder maximum permissible 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 Screw-type terminals tightening torque [lbf-in] at magnet coil Screw-type terminals tightening torque [lbf-in] at 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 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 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	design of the housing	indoors, usable on a general basis	
fastening method  type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  3535 lbf-in  type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply maximum permissible  material 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  type of electrical connection for load-side outgoing feeder  stightening torque [lbf-in] for load-side outgoing feeder  type of connectable conductor cross-sections for 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  screw-type terminals  tightening torque [lbf-in] at magnet coil  screw-type terminals  tightening torque [lbf-in] at magnet coil  2x (14 8 AWG)  5x °C  material of the conductor for load-side outgoing feeder  cu  type of electrical connection of magnet coil  5x crew-type terminals  tightening torque [lbf-in] at magnet coil  5x crew-type terminals  tightening torque [lbf-in] at magnet coil  5x crew-type terminals  tightening torque [lbf-in] at magnet coil  5x crew-type terminals  2x (14 8 AWG)  5x °C  4x (14 8 AWG)  5x °C  4x (14 8 AWG)  5x °C  4x (14 8 AWG)  6x °C	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 for 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  type of electrical connection for load-side outgoing feeder  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  type of connectable conductor for load-side outgoing feeder  type of connectable 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  type of electrical connection of magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the 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 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  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 480 V  • at 65 kA  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	mounting position	Vertical	
type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  type of connectable conductor cross-sections at line-side for 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  type of electrical connection for load-side outgoing feeder  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  type of connectable 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  type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the 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 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  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 480 V  • at 480 V  • at 650 KA  certificate of suitability  NEMA ICS 2; UL 508		Surface mounting and installation	
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded 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 temperature of the conductor for load-side outgoing feeder maximum permissible 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 Screw-type terminals tightening torque [lbf·in] at magnet coil 15 15 lbf·in type of connectable conductor cross-sections of magnet coil 2x (18 14 AWG)  AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the fuse link for short-circuit protection of the main circuit required maximum short-circuit turrent breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 480 V  • at 600 V  certificate of suitability NEMA ICS 2; UL 508	type of electrical connection for supply voltage line-side	Screw-type terminals	
AWG cables single or multi-stranded temperature of the conductor for supply CU type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for 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 electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections for AWG cables material of the conductor of load-side outgoing feeder CU type of electrical connection of magnet coil 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 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  maximum short-circuit trip  maximum short-circuit current breaking capacity (Icu)  at 240 V at 480 V at 480 V at 480 V Secretificate of suitability  NEMA ICS 2; UL 508	tightening torque [lbf-in] for supply	35 35 lbf-in	
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 for 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 tightening torque [lbf-in] at magnet coil 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 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  maximum short-circuit current breaking capacity (Icu)  at 24 kA  at 480 V  at 480 V  at 480 V  at 65 kA  at 600 V  certificate of suitability  NEMA ICS 2; UL 508		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 for 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 for AWG cables single or multi-stranded temperature of the conductor or magnet coil 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  Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu)  • at 240 V • at 480 V • at 480 V • at 480 V • at 480 V certificate of suitability  NEMA ICS 2; UL 508	temperature of the conductor for supply maximum permissible	75 °C	
tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for 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 electrical connection of magnet coil sightening torque [lbf-in] at magnet coil 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 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 maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 480 V • at 480 V • at 650 kA certificate of suitability  NEMA ICS 2; UL 508	material of the conductor for supply	CU	
type of connectable conductor cross-sections for 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 for 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 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  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection for load-side outgoing feeder	Screw-type terminals	
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 for 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 Screw-type terminals 2x (18 14 AWG)  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  maximum short-circuit current breaking capacity (Icu)  • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability  NEMA ICS 2; UL 508	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 for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil 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 maximum short-circuit current breaking capacity (Icu)  • at 240 V • at 480 V • at 600 V certificate of suitability  NEMA ICS 2; UL 508		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 for 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  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508		75 °C	
tightening torque [lbf-in] at magnet coil  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  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  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	material of the conductor for load-side outgoing feeder	CU	
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  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  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals	
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  maximum short-circuit current breaking capacity (Icu)  at 240 V  at 480 V  at 65 kA  at 600 V  certificate of suitability  NEMA ICS 2; UL 508	tightening torque [lbf·in] at magnet coil	15 15 lbf·in	
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  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508		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  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	1	75 °C	
design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  at 240 V  at 480 V  at 600 V  certificate of suitability  100kA@600V (Class R or J 40A max)  Thermal magnetic circuit breaker  24 kA  65 kA  25 kA	material of the conductor at magnet coil	CU	
circuit required design of the short-circuit trip Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Thermal magnetic circuit breaker  24 kA  65 kA  25 kA	Short-circuit current rating		
maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  25 kA  certificate of suitability  NEMA ICS 2; UL 508		100kA@600V (Class R or J 40A max)	
<ul> <li>at 240 V</li> <li>at 480 V</li> <li>at 600 V</li> <li>certificate of suitability</li> <li>24 kA</li> <li>65 kA</li> <li>25 kA</li> <li>NEMA ICS 2; UL 508</li> </ul>	design of the short-circuit trip	Thermal magnetic circuit breaker	
• at 480 V         • at 600 V         25 kA  certificate of suitability         NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (Icu)		
● at 600 V  certificate of suitability  25 kA  NEMA ICS 2; UL 508	• at 240 V	24 kA	
certificate of suitability NEMA ICS 2; UL 508	• at 480 V	65 kA	
<u> </u>	● at 600 V	25 kA	
Further information	certificate of suitability	NEMA ICS 2; UL 508	
Tarator information	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:LCE01C802024A

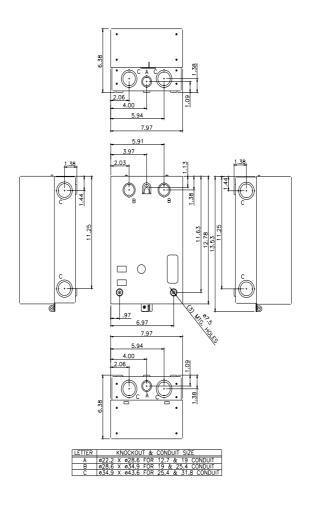
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

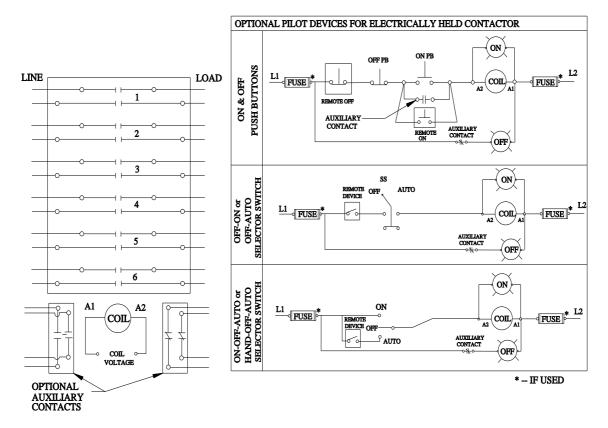
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C802024A

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:LCE01C802024A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE01C802024A&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C802024A/certificate





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last modified: 4/5/2023 🖸

