## **SIEMENS**

## Data sheet US2:LCE02C406120A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 4 N.C. / 6 N.O. poles, 115-120V 60Hz/110V 50Hz coil, Noncombination type, Enclosure NEMA type 12, Dust/drip proof for indoors

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]	19 lb
Height x Width x Depth [in]	16 × 13 × 6 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
<ul> <li>during storage</li> </ul>	-22 +149 °F
<ul> <li>during operation</li> </ul>	-13 +104 °F
ambient temperature	
<ul> <li>during storage</li> </ul>	-30 +65 °C
<ul> <li>during operation</li> </ul>	-25 +40 °C
country of origin	USA
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	6
number of NC contacts for main contacts	4
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
<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
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	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

contact rating of auxiliary contacts of contactor according to UL  ype of voltage of the control supply voltage  **at AC at 50 Hz rated value  **aparent pick-up power of magnet coil at AC  **apparent power pick-up power of magnet coil for AWG cables for load-side outgoing feeder  **apparent power pick-up		
type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  apparent pick-up power of magnet coil at AC  apparent pick-up power of magnet coil at AC  apparent pick-up power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil at AC  degree of protection NEMA rating of the enclosure  design of the housing  Neuntring/wiring  mounting position  fastening method  type of electrical connection for supply voltage line-side  tightening torque [lift-iii] for supply  size 35 35 lift-ii  ypps of connectable conductor cross-sections at line-side for  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  ypp of connectable conductor cross-sections for AWG cables  for load-side outgoing feeder  ypp of connectable conductor for load-side outgoing feeder  ypp of connectable conductor for load-side outgoing feeder  sightening torque [lift-iii] for load-side outgoing feeder  sightening torque [lift-iii] for load-side outgoing feeder  ypp of connectable conductor for load-side outgoing feeder  which is a supplementation of the conductor for load-side outgoing feeder  ypp of connectable conductor for load-side outgoing feeder  some supplementation of the conductor for load-side outgoing feeder  which is a supplementation of the conductor for load-side outgoing feeder  some supplementation of the conductor of read-side outgoing feeder  some supplementation of the conductor of read-side outgoing feeder  some supplementation of the conductor of read-side outgoing feeder  some supplementation of the conductor of read-side outgoing feeder  some supplementation of the conductor of read-side outgoing feeder  some supplementation of the cond		NA
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  apparent pick-up power pick-up power pick-up power pick-up power pick-up power pick-up p		
at AC at 50 Hz rated value at AC at 60 Hz rated value 115 120 V apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent holding power at AC apparent holding power and power apparent holding power at AC apparent holding power apparent holding power at AC apparent holding power apparent holding power apparent holding power at AC apparent holding power apparent powe	type of voltage of the control supply voltage	AC
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apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil magnet coil Enclosure  degree of protection NEMA rating of the enclosure design of the housing Dust-tight, watertight & weather proof  Mounting/wiring  mounting position Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [librin] for supply Spe 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 ross-sections for AWG cables for load-side outgoing feeder stype of connectable conductor for notad-side outgoing feeder supper of connectable conductor for load-side outgoing feeder special or the conductor for load-side outgoing feeder special or fine supply of the conductor for load-side outgoing feeder special or for supply supply assimate or a supply supply assimate or a supply supply assimate or supply	at AC at 60 Hz rated value	115 120 V
operating range factor control supply voltage rated value of magnet coil of the conductor at magnet coil of the main circuit required for the conductor at magnet coil magnet coil the material of the conductor for supset coil magnet coil of the conductor for coad-side outgoing feeder connectable conductor for load-side outgoing feeder coll to connectable conductor for load-side outgoing feeder coll for connectable conductor at magnet coil coll for connectable conductor at magnet coil for connectable conductor at mag	apparent pick-up power of magnet coil at AC	248 VA
magnet coll  Enclosuro  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  tightening torque (libf-in) for supply  yee 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 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 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  Mype of electrical 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  Mype of electrical connectable conductor of load-side outgoing feeder  Mype of electrical connectable conductor of load-side outgoing feeder  Mype of electrical connectable conductor of load-side outgoing feeder  Mype of electrical connectable conductor of load-side outgoing feeder  Mype of electrical connectable conductor of load-side outgoing feeder  Mype of electrical connectable conductor of load-side outgoing feeder  Mype of electrical connectable conductor of load-side outgoing feeder  Mype of electrical connectable conductor of load-side outgoing feeder  Mype of electrical connectable conductor cross-sections of magnet coil  Mype of electrical connectable conductor cross-sections of magnet coil  Mype of electrical connection of magnet coil  Mype of electrical connection of magnet coil  Mype of electrical conductor cross-sections of magnet coil  Mype of electrica	apparent holding power of magnet coil at AC	28 VA
design of the housing  Dust-tight, watertight & weather proof  Mounting/wiring  mounting position  fastening method  Surface mounting and installation  Sype of electrical connection for supply voltage line-side  tightening torque (lbf-in) for supply  35 35 lbf-in  2x (14 8 AWG)  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  Type of connectable conductor for supply  Type of connectable conductor for load-side outgoing feeder  Type of connectable conductor of supply  Type of connectable conductor of load-side outgoing feeder  Type of electrical connection of magnet coil  Sorew-type terminals  To "C  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 or supply  CU  Was cables single or multi-stranded  Type of connectable conductor at magnet coil for AWG cables single or multi-stranded  Type of electrical connection of magnet coil for AWG cables single or multi-stranded  Type of electrical connection of magnet coil for AWG cables single or multi-stranded  Type of electrical connection of magnet coil for AWG cables single or multi-stranded  Type of electrical connection of magnet coil for AWG cables single or multi-stranded  Type of electrical connection of magnet coil for AWG cables single or multi-stranded  Type of electrical connection of magnet coil for AWG cables single or multi-stranded  Type of electrical connection of magnet coil maximum permissible  Type of electrical connection of the main circuit counter		0.85 1.1
Mounting/wiring  mounting position  fastening method  type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  AWG cables single or multi-stranded  temperature of the conductor for load-side outgoing feeder  type of connectable conductor for load-side outgoing feeder  to read outgoing feeder single or multi-stranded  temperature of the conductor for supply  Type of connectable 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  Type of connectable conductor of magnet coil  Type of connectable conductor of magnet coil  Type of connectable conductor of magnet coil  Type of connectable conductor at magnet coil  Type of electrical connection of the main circuit required  Type of electrical connection of the main circuit b	Enclosure	
mounting position   Vertical   fastening method   Surface mounting and installation   fype of electrical connection for supply voltage line-side   Screw-type terminals   fightening torque [libf-in] for supply   35 35 libf-in   fype of connectable conductor cross-sections at line-side for AWC cables single or multi-stranded   femperature of the conductor for supply maximum permissible   75 °C   material of the conductor for supply maximum permissible   75 °C   The material of the conductor for load-side outgoing feeder   Screw-type terminals   fightening torque [libf-in] for load-side outgoing feeder   35 35 libf-in   for load-side outgoing feeder single or multi-stranded   for load-side outgoing feeder single or multi-stranded   for load-side outgoing feeder   75 °C	degree of protection NEMA rating of the enclosure	NEMA Type 3R (convertible), 4, 12 enclosure
mounting position  fastening method  Surface mounting and installation  type of electrical connection for supply voltage line-side  tightening torque [librin] for supply  35 35 librin  type of connectable conductor cross-sections at line-side for  AWG cables single or multi-stranded  temperature of the conductor for supply  Type of electrical connection for load-side outgoing feeder  stightening torque [librin] at magnet coil screw-type terminals  tightening torque [librin] at magnet coil screw-type terminals  stightening torque [librin] at magnet coil screw-type terminals  tightening torque [	design of the housing	Dust-tight, watertight & weather proof
fastening method  Surface mounting and installation  type of electrical connection for supply voltage line-side  Screw-type terminals  tightening torque [lbf-in] for supply  So35 lbf-in  2x (14 8 AWG)  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 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  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 connectable conductor for load-side outgoing feeder  type of electrical connectable conductor for load-side outgoing feeder  CU  type of electrical connectable conductor or sesections 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  CU  Short-circuit current rating  design 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  25 kA  certificate of suitability  NEMA ICS 2; UL 508	Mounting/wiring	
type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  ype of connectable conductor cross-sections at line-side for AWC cables single or multi-stranded  temperature of the conductor for supply CU  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  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  screw-type terminals  tightening torque [lbf-in] and screw in the screw i	mounting position	Vertical
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  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  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder shall be 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  CU  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 for load-side outgoing feeder  CU  type of electrical connection of magnet coil  type of connectable conductor for 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 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 (lcu)  • 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	fastening method	Surface mounting and installation
type of connectable conductor cross-sections at line-side for AWC 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 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 to 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 conductor at magnet coil maximum Tot-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 trip Thermal magnetic circuit breaker at 480 V 4 4 4 4 4 60 V 25 kA 5 4 4 600 V 25 kA 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 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 material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coil 55 15 lbf-in type of connectable conductor cross-sections of magnet coil 55 15 lbf-in type of connectable conductor of load-side outgoing feeder CU type of electrical connection of magnet coil 55 15 lbf-in type of connectable conductor cross-sections of magnet coil 67 AWG cables single or multi-stranded 68 15 lbf-in type of connectable conductor at magnet coil 67 CC  To connectable conductor at magnet coil 68 15 lbf-in 69 15 lbf-in 75 °C  To connectable conductor at magnet coil 67 or 20 connectable conductor at magnet coil 67 or 20 connectable conductor at magnet coil 67 or 20 connectable conductor at magnet coil 68 or 20 connectable 69 or 20 connectab	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 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  at each of the conductor at magnet coil to the conductor at magnet coil or at magnet of the conductor at magnet coil or at magnet of the conductor at magnet coil or at magnet coil or at magnet of the conductor at magnet coil or at magnet coil or at magnet of the conductor at magnet coil or at magnet coil or at magnet of the conductor at magnet coil or		2x (14 8 AWG)
type of electrical connection for load-side outgoing feeder 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 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 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  75 °C  2x (14 8 AWG)  Screw-type terminals  15 15 lbf-in 2x (18 14 AWG)  AWG (ables single or multi-stranded  15 15 lbf-in 2x (18 14 AWG)  AWG (ables single or multi-stranded  15 °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  maximum short-circuit current breaking capacity (Icu)  at 240 V  at 480 V  at 480 V  at 480 V  at 480 V  at 65 kA  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 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 be at 600 V certificate of suitability  NEMA ICS 2; UL 508		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  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 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 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
for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible and 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 15 lbf	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 screw-type terminals 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 (lcu)  • at 240 V • at 480 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
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		2x (18 14 AWG)
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		75 °C
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  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  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 65 kA  ● at 600 V 25 kA  certificate of suitability NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (Icu)	
● at 480 V 65 kA  ● at 600 V 25 kA  certificate of suitability NEMA ICS 2; UL 508	• at 240 V	24 kA
• at 600 V 25 kA  certificate of suitability NEMA ICS 2; UL 508	• at 480 V	65 kA
certificate of suitability NEMA ICS 2; UL 508		
•		



**Test Certificates** 

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:LCE02C406120A

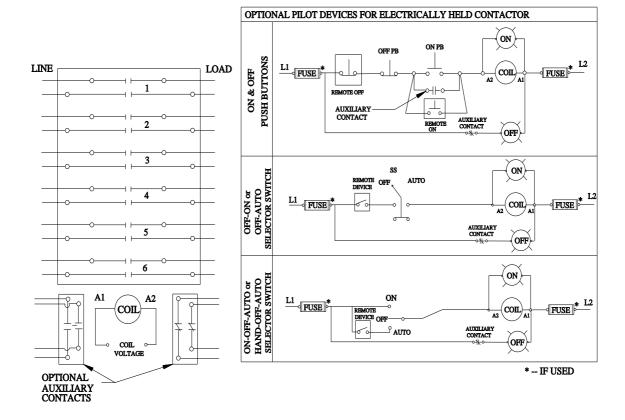
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C406120A

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:LCE02C406120A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE02C406120A&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C406120A/certificate





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