## **SIEMENS**

## Data sheet US2:LCE02C300208A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 3 N.C. / 0 N.O. poles, 200-208V 60Hz coil, Non-combination 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	0
number of NC contacts for main contacts	3
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

type of voltage of the control supply voltage  • at AC at 60 Hz rated value  apparent plick-up power of magnet coil at AC  apparent plicking power of magnet coil apparent plicking power of magnet coil  bightening torque [bif in plicking power of power	contact rating of auxiliary contacts of contactor according to UL	NA
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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 Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring  mounting position Vertical fastening method fastening method fastening method fastening method fastening method fastening torque [libf-in] for supply voltage line-side Utype of electrical connection for supply voltage line-side for AWG cables single or multi-stranded temperature of the conductor for supply ype of connectable conductor for supply ype of electrical connection for load-side outgoing feeder Utype of electrical connection for load-side outgoing feeder furgementure of the conductor for load-side outgoing feeder for load-side outgoing feeder furgementure of the conductor of magnet coil furgementure of the conductor at magnet coil furgementure of the conductor for supper outilists and for the conductor of magnet coil furgementure of the conductor at magnet coil for AMG cables and for the conductor of magnet coil for AMG cables and for the conductor of magnet coil for AMG cables and for the conductor of magnet coil for AMG cables and for the conductor of magnet coil for		
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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 Brocksure  degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring Werting Mounting position Statening method Surface mounting and installation type of electrical connection for supply voltage line-side stightening torque (librin) for supply Sye of conectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible attemperature of the conductor for supply type of connectable conductor cross-sections at line-side for type of connectable conductor for supply type of electrical connection for load-side outgoing feeder stightening torque (librin) for load-side outgoing feeder strainmum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder stightening torque (librin) at magnet coil for AWG cables single or multi-stranded stemperature 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 and the conductor at magnet coil maximum servicular to the conducto	apparent pick-up power of magnet coil at AC	248 VA
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 position  fastening method  type of electrical connection for supply voltage line-side  tightening forque [Ibf-in] for supply  you fo connectable conductor cross-sections at line-side for AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  fightening forque [Ibf-in] for load-side outgoing feeder  stightening forque [Ibf-in] for load-side outgoing feeder  tightening forque [Ibf-in] for load-side outgoing feeder  stightening torque [Ibf-in] for load-side outgoing feeder  stightening torque [Ibf-in] for load-side outgoing feeder  tightening torque [Ibf-in] for load-side outgoing feeder  tamperature of the conductor for load-side outgoing feeder  maximum permissible  for connectable conductor cross-sections for AWG cables  tor load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  maximum permissible  for conductor of load-side outgoing feeder  screw-type terminals  tightening torque [Ibf-in] at magnet coil  type of electrical connection of magnet coil  screw-type terminals  tightening torque [Ibf-in] at magnet coil  screw-type terminals  tightening torque [Ibf-in] at magnet coil  cut (Ibf-in) at magnet coil  screw-type terminals  tightening torque [Ibf-in] 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 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 (Icu)  at 240 V  at 800 V  25 kA  certificate of suitability  NEMA ICS 2; UL 508	·······································	28 VA
degree of protection NEMA rating of the enclosure  design of the housing  Mounting/wiring  mounting position  fastening 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  type of conductable conductor cross-sections of the supply  type of conductor for supply  type of conductor for supply  type of conductor for of supply  type of conductable conductor cross-sections for AWG cables  for load-side outgoing feeder  supple of conductor for supply  at (14 8 AWG)  2x (14 8 AWG)  35 35 lbFin  2x (14 8 AWG)  4x (14 8 AWG)  4x (14 8 AWG)  5x (14 8 AWG)  5x (14 8 AWG)  4x (14 8 AWG)  5x (14 8 AWG)  5x (14 8 AWG)  6x (14 8 AWG)	operating range factor control supply voltage rated value of	0.85 1.1
design of the housing   dustproof and drip-proof for indoor use	Enclosure	
mounting position Vertical fastening method type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [ibf-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 [ibf-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 75 °C maximum permissible 75 °C material of the conductor for load-side outgoing feeder 35 35 lbf-in type of connectable conductor for load-side outgoing feeder 75 °C maximum permissible 75 °C material of the conductor for load-side outgoing feeder maximum permissible 75 °C material of the conductor for load-side outgoing feeder 75 °C material of the conductor of load-side outgoing feeder 95 °C material of the conductor at magnet coil 95 °C material of the conductor at magnet coil 95 °C material of the conductor at magnet coil 95 °C material of the conductor at magnet coil 96 °C  Short-circuit current rating 97 °C design of the fuse link for short-circuit protection of the main circuit required 97 °C maximum short-circuit trip 97 °C maximum short-circuit trip 100kA@600V (Class R or J 40A max) 97 °C maximum short-circuit current breaking capacity (Icu) 98 °C 124 kA 98 °C 125 °C 126 °C 127 °C 128 °C 129 °C 129 °C 120 °C	degree of protection NEMA rating of the enclosure	NEMA Type 12
mounting position  fastening method  fastening method  Surface mounting and installation  type of electrical connection for supply voltage line-side  screw-type terminals  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  for load-side outgoing feeder single or multi-stranded  temperature of 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  type of connectable conductor for load-side outgoing feeder  type of connectable conductor for load-side outgoing feeder  type of electrical connection of magnet coil  type of electrical connection of magnet coil  screw-type terminals  tightening torque [lbf-in] at magnet coil  for load-side outgoing feeder  cu  type of connectable conductor for load-side outgoing feeder  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 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 maximu	design of the housing	dustproof and drip-proof for indoor use
fastening method  type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  Some-type terminals  temperature of the conductor for supply maximum permissible  material of the conductor for supply maximum permissible  to type of connectable conductor for supply maximum permissible  tightening torque [lbf-in] 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 for supply  type of connectable conductor for supply  type of electrical connection 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  feeder curve 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 electrical connection of magnet coil  type of connectable conductor or 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 or magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum  75 °C  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 4240 V  at 440 V  at 480 V  at 650 K  Screw-type terminals  Screw-type terminals  100kA@600V (Class R or J 40A max)  circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (lcu)  at 480 V  at 650 K  Screw-type terminals  Screw-type terminals  2x (14 8 AWG)  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 maximum permissible  material of the conductor for supply maximum permissible  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  stightening 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  to the conductor for load-side outgoing feeder  screw-type terminals  temperature 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  to screw-t	mounting position	Vertical
tightening torque [lbf-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 CU  type of electrical connection for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  ype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder Screw-type terminals  tightening torque [lbf-in] for load-side outgoing feeder  ype of connectable conductor ross-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  ype of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  ype of connectable conductor ross-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 maximum  permissible  material of the fuse link for short-circuit protection of the main circuit required  design of the fuse link for short-circuit trip  Thermal magnetic circuit breaker  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	fastening method	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  Short-circuit current rating Cuspending 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 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 curve of the conductor for supply curve of the conductor for supply curve of 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 type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil 15 15 lbf-in type of connectable conductor cross-sections of magnet coil of AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil Tor AWG cables single or multi-stranded temperature 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 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	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 screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder stype 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 type of connectable conductor cross-sections of magnet coil of a Xx (14 8 AWG)  The sum of the conductor of load-side outgoing feeder  Utype 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 (Icu) et at 240 V et 440 V et 4600 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 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 type of electrical connection of magnet coil type of connectable conductor cross-sections 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  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  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 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 turp maximum short-circuit current breaking capacity (lcu)  • 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 or 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
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 type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf·in] at magnet coil 15 15 lbf·in	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  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 use 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 short-circuit trip  maximum short-circuit current breaking capacity (lcu)  • 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  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		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  25 kA  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  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  25 kA  certificate of suitability  NEMA ICS 2; UL 508	Short-circuit current rating	
maximum short-circuit current breaking capacity (Icu)  • at 240 V	·	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>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 25 kA  certificate of suitability NEMA ICS 2; UL 508	• at 240 V	24 kA
certificate of suitability NEMA ICS 2; UL 508	• at 480 V	65 kA
•	• at 600 V	25 kA
Further information	certificate of suitability	NEMA ICS 2; UL 508
Turther 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:LCE02C300208A

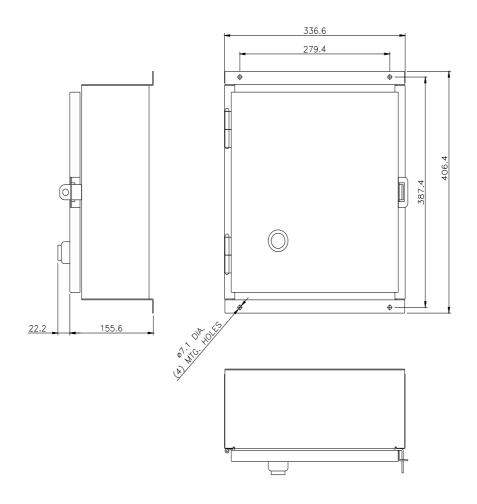
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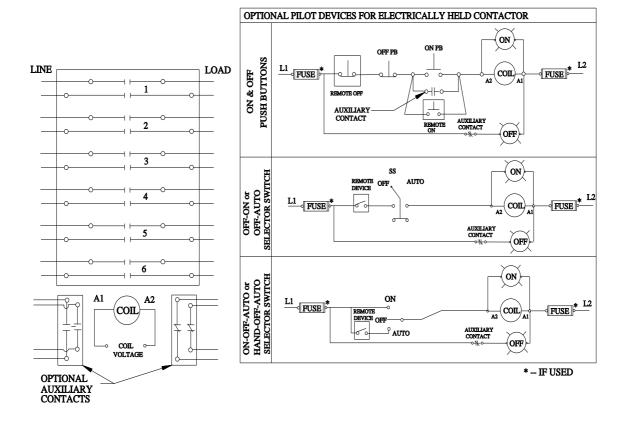
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C300208A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C300208A/certificate





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last modified: 4/5/2023 🖸



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