## **SIEMENS**

## Data sheet US2:LCE02C300600A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 3 N.C. / 0 N.O. poles, 575-600V 60Hz/550V 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]	
during storage	-22 +149 °F
during operation	-13 +104 °F
ambient temperature	
during storage	-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
• at tungsten (1 pole per 1 phase) rated value	20A @277V 1p 1ph
• at tungsten (2 poles per 1 phase) rated value	20A @480V 2p 1ph
• at tungsten (3 poles per 3 phases) rated value	20A @480V 3p 3ph
<ul><li>at ballast (1 pole per 1 phase) rated value</li></ul>	30A @347V 1p 1ph
• at ballast (2 poles per 1 phase) rated value	30A @600V 2p 1ph
• at ballast (3 poles per 3 phases) rated value	30A @600V 3p 3ph
<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	30A @600V 1p 1ph
• at resistive load (2 poles per 1 phase) rated value	30A @600V 2p 1ph
	30A @600V 3p 3ph
<ul> <li>at resistive load (3 poles per 3 phases) rated value</li> </ul>	<u> </u>
at resistive load (3 poles per 3 phases) rated value  Auxiliary contact	
· · · · · · ·	0
Auxiliary contact	0 0

ype of voltage of the control supply voltage  • at AC at 50 Hz rated value  • apparent holding power of magnet coil at AC  28 VA  operating range factor control supply voltage rated value of magnet coil  progent or of protection NEMA rating of the enclosure  design of the housing  NEMA Type 3R (convertible), 4, 12 enclosure  design of the housing  Nematic value of value of value of mounting and installation  stratege mounting and installation  (streng mounting position  Vertical  fastening method  Surface mounting and installation  (streng he terminals  stightening torque [bt in] for supply voltage line-side  stightening torque [bt in] for supply  Vipe of electrical connection for supply maximum permissible  material of the conductor for supply  Wipe of connectable conductor rors-sections at line-side for  AVIG cables single or multi-stranded  temperature of the conductor for supply  Vipe of electrical connection for load-side outgoing feeder  Screw-type terminals  stightening torque [bt in] for load-side outgoing feeder  Screw-type terminals  stightening torque [bt in] for load-side outgoing feeder  Screw-type terminals  stightening torque [bt in] for load-side outgoing feeder  maximum permissible  To C  AVIG cables single or multi-stranded  temperature of the conductor for load-side outgoing feeder  maximum permissible  material of the conductor or load-side outgoing feeder  maximum permissible  material of the conductor at magnet coil  Screw-type terminals  stightening torque [bt in] for load-side outgoing feeder  maximum permissible  material of the conductor at magnet coil  Screw-type terminals  stightening torque [bt in] for load-side outgoing feeder  maximum permissible  material of the conductor at magnet coil  Screw-type terminals  stightening torque [bt in] for load-side outgoing feeder  screw-t		
type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  550 V  575 600 V  apparent pick-up power of magnet coil at AC  248 VA  apparent pick-up power of magnet coil at AC  289 VA  operating range factor control supply voltage rated value of magnet coil  facility and the enclosure  degree of protection NEMA rating of the enciosure  Mounting position  Sasteining method  year of electrical connection for supply voltage line-side  stightening torque [lif-iii] for supply  year of electrical connection for supply warmum permissible  material of the conductor for supply  year of electrical connection for found-side outgoing feeder  ype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder  ype of electrical connection of magnet coil  Screw-type terminals  githering torque [lif-iii] for load-side outgoing feeder  AWG cables single or multi-stranded  temperature of the conductor for supply  CU  Screw-type terminals  10 Life Birlin  10		NA
control supply voltage  at AC at 50 Hz rated value  550 V  248 VA  apparent pick-up power of magnet coil at AC  248 VA  apparent holding power of magnet coil at AC  28 VA  apparent holding power of magnet coil at AC  28 VA  apparent holding power of magnet coil at AC  28 VA  apparent holding power of magnet coil at AC  28 VA  0.86 1.1  Factosure  degree of protection NEMA rating of the enciosure  MEMA Type 3R (convertible), 4, 12 enciosure  design of the housing  Mounting/wring  mounting position  Series-type attention of the supply voltage line-side  15 stream of the supply voltage line-side  15 stream of the supply of the conductor or supply voltage line-side  15 stream or mounting and installation  15 yep of connectable conductor ross-sections at line-side for  26 value (14 value)  27 value (15 value)  28 value)  29 value (16 value)  29 value (16 value)  20 value (16 valu		
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 holding power of magnet coil at AC apparent pick-ing for ace and ace and a AC apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC apparent pick-ing for ace and ace a	type of voltage of the control supply voltage	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 Neutritipy/firing  mounting position  Vertical Safeting method Safeting for supply voltage line-side tightening torque [libf-in] for supply voltage line-side tightening torque [libf-in] for supply washmum permissible material of the conductor for supply washmum permissible material of the conductor for load-side outgoing feeder Vipe of electrical connection for load-side outgoing feeder Sightening torque [libf-in] for load-side outgoing feeder Vipe of electrical connection for load-side outgoing feeder Sightening torque [libf-in] for load-side outgoing feeder Sightening torque [libf-in] for load-side outgoing feeder Vipe of connectable conductor for supply CU Vipe of electrical connection for load-side outgoing feeder Vipe of connectable conductor for supply Cu Vipe of electrical connection for load-side outgoing feeder Vipe of connectable conductor for supply Vipe of electrical connection for load-side outgoing feeder Vipe of connectable conductor for load-side outgoing feeder Vipe of connectable conductor for load-side outgoing feeder Vipe of electrical connection of load-side outgoing feeder Vipe of connectable conductor for load-side outgoing feeder Vipe of connectable conductor	control supply voltage	
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil apparent holding power of power of power holding power of power holding power of power holding power holding	<ul> <li>at AC at 50 Hz rated value</li> </ul>	550 V
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  Mounting/Wiring  Mounting position Sastening method Surface mounting and installation Sye of electrical connection for supply voltage line-side sightening forque [lbf-in] for supply Sye of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded sightening forque [lbf-in] for supply Sye of connectable conductor for supply maximum permissible material of the conductor for supply Sye of connectable conductor for load-side outgoing feeder System-type terminals Strew-type terminals Screw-type terminals Strew-type terminals Screw-type terminals	at AC at 60 Hz rated value	575 600 V
operating range factor control supply voltage rated value of magnet coll Enclosure  degree of protection NEMA rating of the enclosure  design of the housing  Dust-tight, watertight & weather proof  NEMA Type 3R (convertible), 4, 12 enclosure  Dust-tight, watertight & weather proof  Neunting position  Vertical  fastening method  type of electrical connection for supply voltage line-side  Sightening lorque [Ibf-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  type of electrical connection for load-side outgoing feeder  ype of electrical connection for load-side outgoing feeder  strand plorque [Ibf-in] for load-side outgoing feeder  makerial of the conductor cross-sections of nAWG cables  for 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  makerial of the conductor for load-side outgoing feeder  makerial of the conductor for load-side outgoing feeder  where the conductor for load-side outgoing feeder  Type of connectable conductor of load-side outgoing feeder  where the conductor for load-side outgoing feeder  Type of electrical connection of magnet coil  Screw-type terminals  Screw-type terminals  Screw-type terminals  Screw-type terminals  Screw-type terminals  15 15 lbFin  2x (18 14 AWG)  X (28 lbE single or multi-stranded  Type of connectable conductor at magnet coil maximum  permissible  material of the conductor at magnet coil  Type of the short-circuit current rating  design of the Isse link for short-circuit protection of the main  circuit required  4 AKA	apparent pick-up power of magnet coil at AC	248 VA
magnet coil  Enclosure  degree of protection NEMA rating of the enclosure  design of the housing  Dust-light, watertight & weather proof  Mounting/wiring  mounting position  fastening method  Surface mounting and installation  type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  Whype of connectable conductor cross-sections at line-side for  AWG cables single or multi-stranded  temperature of the conductor for supply  Yes of electrical connection for load-side outgoing feeder  Screw-type terminals  Screw-type terminals  2 (14 8 AWG)  XVII 8 AWG)  CU  Ype of electrical connection for load-side outgoing feeder  Screw-type terminals  Screw-type terminals  Screw-type terminals  12 (14 8 AWG)  XVII 8 AWG)  XVII 8 AWG)  CU  Ype of electrical connection for load-side outgoing feeder  maximum permissible  material 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  maximum permissible  material of the conductor for load-side outgoing feeder  Mype of connectable conductor or load-side outgoing feeder  Screw-type terminals  Upper of electrical connection of magnet coil  Screw-type terminals  15 15 lbf-in  22 (18 14 AWG)  XVII 18 AWG)  To C  Desire the conductor of road-side outgoing feeder  To C  U  Screw-type terminals  Upper of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil  Screw-type terminals  Uppermissible  material of the conductor at magnet coil  To 15 lbf-in  22 (18 14 AWG)  XVII 14 AWG)  X	apparent holding power of magnet coil at AC	28 VA
desgree of protection NEMA rating of the enclosure design of the housing  Dust-tight, watertight & weather proof  Mounting/wiring  mounting position  fastening method Surface mounting and installation  type of electrical connection for supply voltage line-side tightening torque (libf-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  type of connectable conductor for supply  for connectable conductor cross-sections for AWG cables for load-side outgoing feeder  somewhype terminals  somewhype terminals  tightening torque (libf-in) for load-side outgoing feeder  temperature of the conductor for load-side outgoing feeder  somewhype 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  sorew-type terminals  2x (14 8 AWG)  75 °C  Cu  type of electrical connection of magnet coil  sorew-type terminals  2x (14 8 AWG)  75 °C		0.85 1.1
Dust-tight, watertight & weather proof	Enclosure	
mounting position   Vertical   fastening method   Vertical   Surface mounting and installation   Surface mounting   Surface mounting and installation   Surface mounti	degree of protection NEMA rating of the enclosure	NEMA Type 3R (convertible), 4, 12 enclosure
mounting position  fastening method  type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  type of connectable conductor cross-sections at line-side for  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  type of electrical connection of magnet coil  type of connectable conductor rorss-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 spher-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 480 V  • at 480 V  • at 480 V  certificate of suitability  NEMA ICS 2; UL 508	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  3 35 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  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  2x (14 8 AWG)  75 °C  CU  Type of electrical connection of magnet coil  Screw-type terminals  2x (14 8 AWG)  5 °C  CU  Type of electrical connection of magnet coil  Screw-type terminals  2x (14 8 AWG)  6 °C  CU  Type of electrical connection of magnet coil  Screw-type terminals  2x (14 8 AWG)  75 °C  75	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 maximum permissible  rightening torque [lbf-in] 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 should be conductor for supply or connectable conductor cross-sections for AWG cables for load-side outgoing feeder should be conductor for load-side outgoing feeder  temperature of the conductor for load-side outgoing feeder  temperature of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  tightening torque [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 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  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 cur	mounting position	Vertical
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 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 St. (14 8 AWG)  AWG cables 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 maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections for AWG cables 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 at magnet coil type of connectable conductor at magnet coil Type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil 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 600 V • 25 kA  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 C CU Type of electrical connectable conductor 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 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 The supperature of the conductor at magnet coil Type of connectable conductor at magnet coil maximum permissible conductor at magnet coil maximum permissible conductor at magnet coil Type of connectable conductor at magnet coil Type of Cype of	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 stightening torque [lbf-in] at magnet coil 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  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 trip  maximum short-circuit turrent breaking capacity (lcu)  • at 240 V • at 480 V • at 480 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 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 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 cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  To connectable conductor at magnet coil maximum To coll type of connectable conductor at magnet coil maximum To coll temperature of the conductor at magnet coil maximum To coll 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 Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (lcu)  at 240 V  at 480 V  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 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 for AWG cables single or multi-stranded temperature of the conductor oross-sections of magnet coil or AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum temperature of the conductor at magnet coil maximum 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 480 V at 66 kA at 600 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  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	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 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 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 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	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  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 (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  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 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 65 kA  • 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	temperature of the conductor at magnet coil maximum	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	<u> </u>	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	
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	· ·	100kA@600V (Class R or J 40A max)
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		Thermal magnetic circuit breaker
• at 240 V         • at 480 V         • at 600 V         certificate of suitability         24 kA         • 25 kA         • NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (Icu)	
• at 480 V         • at 600 V         25 kA  certificate of suitability         NEMA ICS 2; UL 508		24 kA
● at 600 V  certificate of suitability  NEMA ICS 2; UL 508		
certificate of suitability NEMA ICS 2; UL 508	• at 600 V	
	Approvals Certificates	



**Test Certificates** 

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

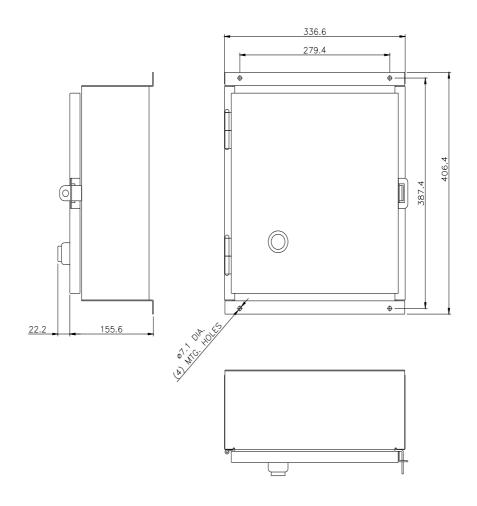
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE02C300600A

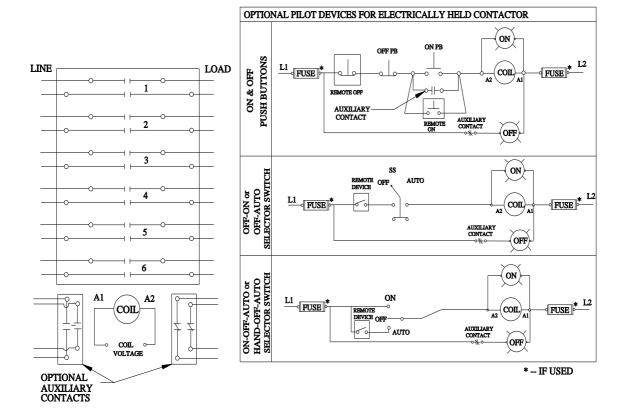
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C300600A

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:LCE02C300600A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE02C300600A&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C300600A/certificate





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