## **SIEMENS**

## Data sheet US2:LCE02C306024A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 3 N.C. / 6 N.O. poles, 24V 60Hz / 20V 50Hz 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]	
during storage	-22 +149 °F
during operation	-13 +104 °F
ambient temperature	
<ul> <li>during storage</li> </ul>	-30 +65 °C
during operation	-25 +40 °C
country of origin	USA
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	6
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
• at ballast (1 pole per 1 phase) rated value	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
• at resistive load (1 pole per 1 phase) rated value	30A @600V 1p 1ph
• at resistive load (2 poles per 1 phase) rated value	30A @600V 2p 1ph
• at resistive load (3 poles per 3 phases) rated value	30A @600V 3p 3ph
Auxiliary contact	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of total auxiliary contacts maximum	4

ype of voltage of the control supply voltage  at AC at 50 Hz rated value  24 V  apparent holding power of magnet coil at AC  paparent holding power of magnet coil at AC  poperating range factor control supply voltage rated value of magnet coil  properating range factor control supply voltage rated value of magnet coil  agency of the housing  Mounting/wiring  Mounting/wiring  Mounting/wiring  Vertical  fastening method  Surface mounting and installation  Surface mounting and installation  (Surface mounting and installation)  Vertical  Sasteming were mounting and installation  (Surface mounting and installation)  2x (14 8 AWG)  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  To Cathering torque [Ibf-in] for load-side outgoing feeder  Maximum permissible  To Cathering torque [Ibf-in] for load-side outgoing feeder  Maximum permissible  To Cathering torque [Ibf-in] for load-side outgoing feeder  Maximum permissible  To Cathering torque [Ibf-in] for load-side outgoing feeder  Maximum permissible  To Cathering torque [Ibf-in] for load-side outgoing feeder  Maximum permissible  To Cathering torque [Ibf-in] for load-side outgoing feeder  Maximum permissible  To Cathering torque [Ibf-in] for loa		
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  20 V  • at AC at 50 Hz rated value  24 V  apparent plick-up power of magnet coil at AC  248 VA  apparent plick up power of magnet coil at AC  288 VA  operating range factor control supply voltage rated value of magnet coil  Enclosure  degree of protection NEMA rating of the enciosure  MEMA Type 3R (convertible), 4, 12 enciosure  design of the housing  Neutring position  Surface mounting and installation  ye of electrical connection for supply voltage line-side  stightening torque [bf-in] for supply  ye of connectable conductor ross-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 feeder  yype of electrical connection for load-side outgoing feeder  styphen of the conductor for supply submit-stranded  temperature of the conductor for supply feeder  maximum permissible  or load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  maximum permissible  To C  Sorew-type terminals  Sorew-type terminals  10 La AWG)  20 La AWG)  21 La AWG)  22 La AWG)  23 La AWG)  24 La AWG)  25 La AWG)  26 La AWG)  27 S C  28 VA  29 La AWG)  29 La AWG)  20 La AWG)  21 La AWG)  22 La AWG)  23 La AWG)  24 La AWG)  25 La AWG)  26 La AWG)  27 La AWG)  28 La AWG)  28 La AWG)  29	contact rating of auxiliary contacts of contactor according to UL	NA
control supply voltage  at AC at 50 Hz rated value  20 V  24 V  apparent pick-up power of magnet coil at AC  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  30.85 1.1  Factosure  degree of protection NEMA rating of the enciosure  Medgree of protection NEMA rating of the enciosure  Medgree of protection NEMA rating of the enciosure  Mounting/wring  mounting position  Surface mounting and installation  Vertical  fastening method  Surface mounting and installation  Syree of electrical connection for supply voltage line-side  sightening torque [bf-in] for supply  Type of connectable conductor rose-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  stightening torque [bf-in] for load-side outgoing feeder  Mype of electrical connection for load-side outgoing feeder  Mype of conductor for sound-side outgoing feeder  Mype of conductor for sound-side outgoing feeder  Mype of the conductor for rose-sections for AWG cables  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  Mype 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  Mype 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  Mype of connectable conductor cross-sections of magnet coil  Screw-type terminals  Screw-type terminals  15, 15 lb-fin  Type of electrical connection of magnet coil  Screw-type terminals  15, 15 lb-fin  Type of electrical connection of the conductor of conductor at magnet coil maximum  permissible  Type of electrical connection of the conductor of the conductor of		
at AC at 50 Hz rated value at AC at 60 Hz rated value at AC at 60 Hz rated value apparent pickup power of magnet coil at AC apparent holding power of magnet coil at AC apparent power by a AC apparent holding power of magnet coil at AC apparent power by a AC apparent holding power of magnet coil at AC apparent power by a AC apparent holding power at AC apparent holding power by a AC apparent h	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	control supply voltage	
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil for AWA apparent holding power of magnet coil at AC apparent holding power of magnet coil for AWA apparent holding power of magnet coil apparent holding power of hold-side outgoing feeder apparent power of holding power power holding power holding power holding power holding power holding power holding power power holding power holding power holding power power holding power power holding power power holding power holding power power holding power power holding power power holding power powe	<ul> <li>at AC at 50 Hz rated value</li> </ul>	20 V
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil magnet coil  Enclosure  degree of protection NEMA rating of the enclosure	at AC at 60 Hz rated value	24 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  Mounting/wring  mounting position  Surface mounting and installation  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 waximum permissible  the properature of the conductor for supply collage feeder  supply connectable conductor cross-sections for AWG cables  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for supply collage feeder  strand promise for the conductor for supply collage feeder  strand promise for the conductor for supply collage feeder  strand promise for load-side outgoing feeder  strand promise for for	apparent pick-up power of magnet coil at AC	248 VA
magnet coll  Enclosure  degree 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 (lbf-in) for supply  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for load-side outgoing feeder  stightening torque (lbf-in) for load-side outgoing feeder  storew-type terminals  2x (14 8 AWG)  CU  type of electrical connection for load-side outgoing feeder  maximum permissible  material of the 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 or load-side outgoing feeder  storew-type terminals  tightening torque (lbf-in) at magnet coil  type of connectable conductor or load-side outgoing feeder  AWG cables single or multi-stranded  temperature of the conductor or magnet coil  type of connectable conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the schot-circuit protection of the main  circuit required  design of the fuse link for short-circuit protection of the main  circuit required  design of the fuse link for short-circuit protection of the main  circuit required  4 kA  4 at 800 V  4 at 800 V  5 kA  certificate of suitability  NEMA ICS 2; UL 508	apparent holding power of magnet coil at AC	28 VA
degree of protection NEMA rating of the enclosure design of the housing    Dust-tight, watertight & weather proof   Mounting/wiring	1 0 0	0.85 1.1
Dust-tight, watertight & weather proof	Enclosure	
mounting position fastening method type of electrical connection for supply voltage line-side 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 type of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor rorse-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 rorse-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  design 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 triting  design of the fuse link for short-circuit protection of the main circuit required  easign of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  at 480 V  at 480 V  at 600 V  25 kA  Certificate of suitability  NEMA ICS 2; UL 508	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 supply maximum permissible  material of the conductor for supply maximum permissible  gradient of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder aximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil sorew-type terminals stightening torque [lbf-in] at magnet coil sorew-type terminals stightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible material of the	design of the housing	Dust-tight, watertight & weather proof
fastening method  type of electrical connection for supply voltage line-side  tightening torque [libf in] for supply  35 35 libf 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 [libf in] for load-side outgoing feeder  tightening torque [libf in] for load-side outgoing feeder  storew-type terminals  2x (14 8 AWG)  CU  type of electrical connection for load-side outgoing feeder  storew-type terminals  2x (14 8 AWG)  Sorew-type terminals  2x (14 8 AWG)  4x (14 8 AWG)  5x (14 8 AWG)  5x (14 8 AWG)  6x (14 8 AWG)  6x (14 8 AWG)  6x (15 15 libf in)  2x (14 8 AWG)  6x (15 15 libf in)  2x (14 8 AWG)  6x (15 15 libf in)  2x (14 8 AWG)  6x (15 15 libf in)  2x (14 8 AWG)  6x (15 15 libf in)  2x (14 8 AWG)  6x (15 15 libf in)  2x (15 15 libf in)  2x (16 14 AWG)  AWG cables single or multi-stranded  temperature of the conductor or load-side outgoing feeder  AWG cables single or multi-stranded  temperature of the conductor at magnet coil and in the single outgoing feeder  2x (15 15 libf in)  2x (16 14 AWG)  AWG ables single or multi-stranded  temperature of the conductor at magnet coil maximum  6x (15 15 libf in)  2x (18 14 AWG)  AWG ables single or multi-stranded  temperature of the conductor at magnet coil maximum  75 °C  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (lcu)  • at 240 V  • at 480 V  • at 650 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  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  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder should 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  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 sonductor at magnet coil maximum permissible  material of the sonductor at magnet coil maximum permissible  material of the sonductor 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 trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (lcu)  • at 240 V • at 480 V • at 650 K • 25 kA  certificate of suitability	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 stightening 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 stightening torque [lbf-in] at magnet coil stightening torque flbf-in] at magnet coil  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 (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 480 V  • 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 C CU Type of electrical connection for load-side outgoing feeder Screw-type terminals Type of connectable conductor for supply CU Type of connectable conductor cross-sections for AWG cables 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 Type of electrical connection of magnet coil Screw-type terminals Type of electrical connection of magnet coil Screw-type terminals Type of electrical connection of magnet coil Screw-type terminals Type of electrical connection of magnet coil Screw-type terminals Type of connectable conductor cross-sections of magnet coil Type of connectable conductor cross-sections of magnet coil Type of connectable conductor at magnet coil Type of the magnet of the conductor at magnet coil Type of the magnet of the 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 or 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 tounductor 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 protection of the main circuit required  design of the short-circuit current 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 screw-type terminals 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 screw-type terminals tightening torque [lbf-in] at magnet coil screw-type terminals to cu screw-type terminals tightening torque [lbf-in] at magnet coil screw-type terminals tightening to find the conductor of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible 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 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 stightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  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 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  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 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 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 480 V  • at 65 kA  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection for load-side outgoing feeder	Screw-type terminals
temperature of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor at magnet coil for permissible material of the conductor at magnet coil temperature 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 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 480 V  • 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 650 kA  at 600 V  Certificate of suitability  100kA@600V (Class R or J 40A max)  Thermal magnetic circuit breaker  24 kA  65 kA  87 KA  NEMA ICS 2; UL 508	<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  NEMA ICS 2; UL 508	· ·	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
<ul> <li>at 240 V</li> <li>at 480 V</li> <li>at 600 V</li> <li>certificate of suitability</li> <li>NEMA ICS 2; UL 508</li> </ul>	maximum short-circuit current breaking capacity (Icu)	
• at 480 V         • at 600 V         25 kA  certificate of suitability         NEMA ICS 2; UL 508	<b>5</b> . , , ,	24 kA
● at 600 V 25 kA  certificate of suitability NEMA ICS 2; UL 508	• at 480 V	
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)

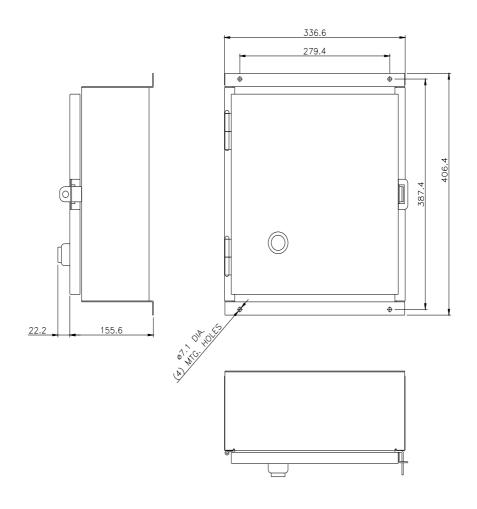
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE02C306024A

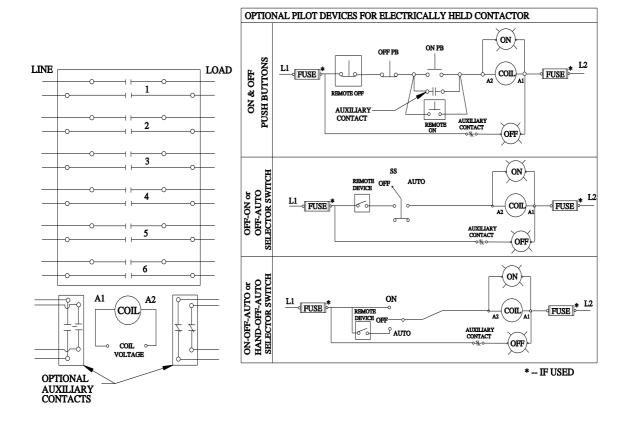
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C306024A

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:LCE02C306024A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE02C306024A&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C306024A/certificate





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