## **SIEMENS**

## Data sheet US2:LCE02C300277A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 3 N.C. / 0 N.O. poles, 277V 60Hz / 240V 50Hz coil, Noncombination type, Enclosure NEMA type 12, Dust/drip proof for indoors

product brand name	Class LC
design of the product	Electrically held lighting contactor (convertible to mechanically held)
special product feature	Electrically held convertible to mechanically held; Power poles convertible between NO and NC
General technical data	
weight [lb]	19 lb
Height x Width x Depth [in]	16 × 13 × 6 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
<ul> <li>during storage</li> </ul>	-22 +149 °F
<ul> <li>during operation</li> </ul>	-13 +104 °F
ambient temperature	
<ul> <li>during storage</li> </ul>	-30 +65 °C
<ul> <li>during operation</li> </ul>	-25 +40 °C
country of origin	USA
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	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

contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage  **at AC at 50 Hz rated value  **aparent pick-up power of magnet coil at AC  **apparent pick-up power of magnet power pick-up pick-up power pick-up power pick-up power pick-up power pick-up p		
bype of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  240 V  237 V  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  apparent pick-up ower of magnet coil at AC  apparent pick-up accepted to the pick of t	, , ,	NA
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at AC at 50 Hz rated value at AC at 60 Hz rated value 277 V  apparent pick-up power of magnet coil at AC  apparent pick-up power of magnet coil at AC  apparent holding power and have a AC  apparent holding power and power and holding po	type of voltage of the control supply voltage	AC
e 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 plic	control supply voltage	
apparent pick-up power of magnet coil at AC apparent holding power power of magnet coil for a AWG ables in apparent power of the conductor for supply voltage line-side outgoing feeder apparent power of the conductor of power power of the power	<ul> <li>at AC at 50 Hz rated value</li> </ul>	240 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     Dust-tight, watertight & weather proof  Mounting/wiring     Vertical statening method     Surface mounting and installation     /bpe of electrical connection for supply voltage line-side     stightening torque (librin) for supply     yeb of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply     yeb of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     sightening torque (librin) for load-side outgoing feeder     stightening torque (librin) for load-side outgoing feeder     supply of connectable conductor for supply     yeb of connectable conductor for ross-sections for AWG cables     for load-side outgoing feeder single or multi-stranded     temperature of the conductor for load-side outgoing feeder     supply of connectable conductor for load-side outgoing feeder     maximum permissible     material of the conductor for load-side outgoing feeder     supply of connectable conductor for load-side outgoing feeder     supply of connectable conductor for load-side outgoing feeder     supply of connectable conductor of magnet coil     stightening torque (librin) at magnet coil     supperature of the conductor of magnet coil     supperature of the conductor at magnet coil for     AWG cables single or multi-stranded     series and single or multi-stranded     supperature of the conductor at magnet coil for     AWG cables single or multi-stranded     supperature of the conductor at magnet coil for     substitution of the single or multi-stranded     supperature of the conductor at magnet coil for     substitution of the single or multi-stranded     substitution	at AC at 60 Hz rated value	277 V
operating range factor control supply voltage rated value of magnet coil for connectable conductor for load-side outgoing feeder counterature of the conductor at magnet coil counterature counterature of the conductor at magnet coil counterature coil for counterature of the conductor at magnet coil for counterature conductor at magnet coil counterature counterature counterature coil for counterature counterature counterature counterature coil for counterature counterature counterature counterature counterature counter	apparent pick-up power of magnet coil at AC	248 VA
magnet coll  Enclosuro  degree of protection NEMA rating of the enclosure  design of the housing  Mounting wring  mounting position  fastening method  type of electrical connection for supply voltage line-side  tightening torque (libf-in) for supply  yee of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for load-side outgoing feeder  type of connectable conductor cross-sections for AWG cables  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  maximum permissible  material of the conductor for load-side outgoing feeder  maximum permissible  material of the conductor or load-side outgoing feeder  maximum permissible  material of the conductor or load-side outgoing feeder  maximum permissible  material of the conductor or load-side outgoing feeder  maximum permissible  material of the conductor or load-side outgoing feeder  Mype of connectable conductor or load-side outgoing feeder  significant or load-side outgoing feeder  Mype of electrical connection of magnet coil  type of connectable conductor or load-side outgoing feeder  Mype of selectrical connection of magnet coil  type of connectable conductor or load-side outgoing feeder  Mype of selectrical connection of magnet coil  type of connectable conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the se conductor at magnet coil maximum  permissible of the sel ink for short-circuit protection of the main circuit required  design of the five link for short-circuit protection of the main circuit required  at 240 V  at 480 V  at 480 V  at 480 V  at 600 V  certificate of suitability  NEMA ICS 2: UL 508	apparent holding power of magnet coil at AC	28 VA
design of the housing  Dust-tight, watertight & weather proof  Mounting/wiring  mounting position  fastening method  Surface mounting and installation  Sype of electrical connection for supply voltage line-side  tightening torque (lbf-in) for supply  SS 35 lbf-in  2x (14 8 AWG)  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  Type of connectable conductor for supply  Utype of electrical connection for load-side outgoing feeder  type of connectable conductor for supply  Utype of contactable conductor for supply  Utype of contactable conductor for supply  Utype of contactable conductor for supply  Utype of connectable conductor for supply  Utype of connectable conductor for load-side outgoing feeder  Utype of connectable conductor for load-side outgoing feeder  Utype of connectable conductor for load-side outgoing feeder  Wyse of electrical connection of magnet coil  Utype of connectable conductor cross-sections of magnet coil  Utype of connectable conductor at magnet coil  Utype of connectable conductor at magnet coil  Utype of connectable conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the conductor at magnet coil maximum  permissible  Magnetic of the condu		0.85 1.1
Mounting/wiring  mounting position  fastening method  type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  AWG cables single or multi-stranded  temperature of the conductor for load-side outgoing feeder  type of connectable conductor for supply maximum permissible  material of the conductor for load-side outgoing feeder  type of connectable conductor for supply  ype of connectable conductor for supply maximum permissible  material of the conductor for supply  for load-side outgoing feeder  type of connectable conductor for supply  ype of connectable conductor for supply  ype of connectable conductor for AWG cables  for load-side outgoing feeder  type of connectable conductor for load-side outgoing feeder  ype of electrical connection of load-side outgoing feeder  maximum permissible  material of the conductor for load-side outgoing feeder  ype of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  type of electrical connection of magnet coil  for all all all all all all all all all al	Enclosure	
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mounting position  fastening method  Surface mounting and installation  type of electrical connection for supply voltage line-side  tightening torque [libf-in] for supply  35 35 libf-in  type of connectable conductor cross-sections at line-side for  AWG cables single or multi-stranded  temperature of the conductor for supply  Type of electrical connection for load-side outgoing feeder  stightening torque [libf-in] for load-side outgoing feeder  tightening torque [libf-in] for load-side outgoing feeder  stightening torque [libf-in] for load-side outgoing feeder  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 [libf-in] at magnet coil  screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil screw-type terminals  tightening torque [libf-in] at magnet coil scre	design of the housing	Dust-tight, watertight & weather proof
fastening method  Surface mounting and installation  type of electrical connection for supply voltage line-side  Screw-type terminals  tightening torque [lbf-in] for supply  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply maximum permissible  material of the conductor for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder ansige or multi-stranded  temperature of the conductor for load-side outgoing feeder  type of electrical connectable conductor for load-side outgoing feeder  maximum permissible  material of the conductor for load-side outgoing feeder  maximum permissible  stightening torque [lbf-in] at magnet coil  type of electrical connectable conductor for load-side outgoing feeder  AWG cables single or multi-stranded  temperature of the conductor for load-side outgoing feeder  Screw-type terminals  tightening torque [lbf-in] at magnet coil  CU  Short-circuit current rating  design of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 24 0 V  • at 480 V  • at 600 V  25 kA  certificate of suitability  NEMA ICS 2; UL 508	Mounting/wiring	
type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  ype of connectable conductor cross-sections at line-side for AWC cables single or multi-stranded  temperature of the conductor for supply 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  tightening torque [lbf-in] for load-side outgoing feeder  screw-type terminals  tightening torque [lbf-in] for load-side outgoing feeder  35 35 lbf-in  2x (14 8 AWG)  AWG cables for load-side outgoing feeder  35 35 lbf-in  2x (14 8 AWG)  2x (14 8 AWG)  5 ° C  material of the conductor cross-sections for AWG cables for load-side outgoing feeder  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 GU  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 600 V  25 kA  certificate of suitability  NEMA ICS 2; UL 508	mounting position	Vertical
Itightening 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 CU  ype of electrical connection for load-side outgoing feeder  type 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 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 sightening torque [lbf-in] at magnet coil 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 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	fastening method	Surface mounting and installation
type of connectable conductor cross-sections at line-side for AWC cables single or multi-stranded temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder 35 35 lbf-in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible conductor for load-side outgoing feeder CU type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil Screw-type terminals 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 or AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible conductor at magnet coil maximum permissible 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  certificate of suitability NEMA ICS 2; UL 508	type of electrical connection for supply voltage line-side	Screw-type terminals
AWG cables single or multi-stranded temperature of the conductor for supply CU material of the conductor for supply CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder 35 35 lbf-in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded 2x (14 8 AWG)  temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil 15 15 lbf-in type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip maximum short-circuit trip maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 480 V  • at 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  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 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  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip  maximum short-circuit trip  maximum short-circuit current breaking capacity (Icu)  at 240 V  at 480 V  at 480 V  at 480 V  at 65 kA  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 material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  75 °C  2x (14 8 AWG)  Screw-type terminals  15 15 lbf-in 2x (18 14 AWG)  AWG cables single or multi-stranded  2x (18 14 AWG)  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  at 240 V at 480 V at 480 V at 480 V at 480 V at 65 kA 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 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 480 V at 480 V at 65 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  tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit current breaking capacity (Icu)  at 240 V  at 480 V  at 480 V  at 600 V  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection for load-side outgoing feeder	Screw-type terminals
for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible 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 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 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 screw-type terminals tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip  maximum short-circuit current breaking capacity (lcu)  • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability  NEMA ICS 2; UL 508		2x (14 8 AWG)
type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V • at 480 V • at 600 V certificate of suitability  NEMA ICS 2; UL 508		75 °C
tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	material of the conductor for load-side outgoing feeder	CU
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals
AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  CU  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  at 240 V  at 480 V  at 65 kA  at 600 V  certificate of suitability  NEMA ICS 2; UL 508	tightening torque [lbf·in] at magnet coil	15 15 lbf·in
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)
design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  at 240 V  at 480 V  at 65 kA  at 600 V  Certificate of suitability  NEMA ICS 2; UL 508		75 °C
design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  at 240 V  at 480 V  at 600 V  Certificate of suitability  100kA@600V (Class R or J 40A max)  Thermal magnetic circuit breaker  24 kA  65 kA  25 kA	material of the conductor at magnet coil	CU
circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Thermal magnetic circuit breaker  24 kA  65 kA  25 kA	Short-circuit current rating	
maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  25 kA  certificate of suitability  NEMA ICS 2; UL 508		100kA@600V (Class R or J 40A max)
<ul> <li>at 240 V</li> <li>at 480 V</li> <li>at 600 V</li> <li>certificate of suitability</li> <li>24 kA</li> <li>65 kA</li> <li>25 kA</li> <li>NEMA ICS 2; UL 508</li> </ul>	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V         • 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
• at 600 V 25 kA  certificate of suitability NEMA ICS 2; UL 508	• at 480 V	65 kA
certificate of suitability NEMA ICS 2; UL 508		
•		



**Test Certificates** 

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

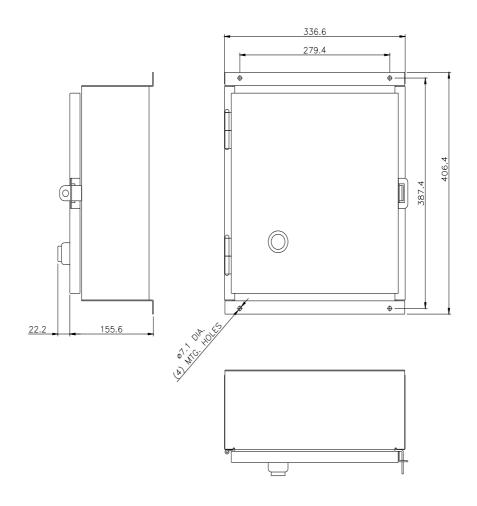
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE02C300277A

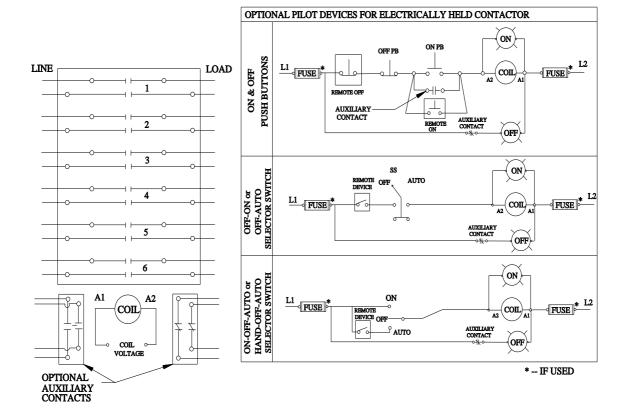
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C300277A

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:LCE02C300277A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LCE02C300277A&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C300277A/certificate





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