## **SIEMENS**

## Data sheet US2:LCE00C202347A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 2 N.C. / 2 N.O. poles, 347V 60Hz coil, Non-combination type, Enclosure NEMA type (open), No enclosure

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]	2 lb
Height x Width x Depth [in]	7.39 × 4.18 × 3.86 in
touch protection against electrical shock	Main circuit (finger-safe); Control circuit (finger-safe)
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
during operation	-25 +40 °C
country of origin	USA
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	2
number of NC contacts for main contacts	2
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
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	contact rating of auxiliary contacts of contactor according to UL	NA
ontrol supply voltage  • at AC at 60 Hz rated value apparent plok-up power of magnet coil at AC 248 VA apparent holding power of magnet coil at AC 28 VA operating range factor control supply voltage rated value of magnet coil  Enclosure degree of protection NEMA rating of the enclosure design of the housing MA Mounting/wring mounting position fastening method yppe of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply yppe of electrical 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 type of onnectable conductor cross-sections for AWG cables for load-side outgoing feeder yppe of electrical connection for load-side outgoing feeder yppe of electrical connector of notad-side outgoing feeder yppe of electrical connection for load-side outgoing feeder yppe of electrical connection of magnet coil yppe of electrical connection of yppe yppe yppe yppe yppe yppe yppe ypp	<u> </u>	
control supply voltage  • at AC at 60 Hz rated value apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil  Enclosure  degree of protection NEMA rating of the enclosure design of the housing Mounting briting mounting position fastening method Surface mounting and installation Sype of electrical connection for supply voltage line-side tightening torque [lb-fin] for supply Sype 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 Sorew-type terminals tightening lorque [lb-fin] for load-side outgoing feeder Strew-type terminals Strew-type terminals Strew-type terminals  2x (14 8 AWG)  Wype of electrical connection for load-side outgoing feeder Sorew-type terminals Sorew-type terminals Sorew-type terminals  1ype of onenctable conductor for supply  2x (14 8 AWG)  To Comparity to the conductor for supply  2x (14 8 AWG)  To Comparity to the conductor for supply  2x (14 8 AWG)  To Comparity to the conductor for load-side outgoing feeder Sorew-type terminals  Sorew-type terminals  Sorew-type terminals  1ype of electrical connection for load-side outgoing feeder Sorew-type terminals  1ype of connectable conductor for load-side outgoing feeder  To Comparity to the conductor for load-side outgoing feeder  To Comparity to the conductor for load-side outgoing feeder  To Comparity to the conductor of load-side outgoing feeder  To Comparity to the conductor at magnet coil  Sorew-type terminals  100kA@600V (Class R or J 40A max)  circult required  design of the short-circuit turrent breaking capacity (Icu)  • at 240 V  • at 480 V  65 kA	type of voltage of the control supply voltage	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 NA  NA  Mounting/wing  mounting position  Vertical statening method Surface mounting and installation type of electrical connection for supply voltage line-side sightening prarye [lbf-in] for supply 35 35 ibf-in  Vertical strain of the conductor cross-sections at line-side for AVIG 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 stream to load-side outgoing feeder stream to reconductor cross-sections for AVIG cables for load-side outgoing feeder stream to the conductor of magnet coil stream to the conductor of the conductor of magnet coil stream to the conductor of the conductor of magnet coil stream to the conductor of the conductor of magnet coil stream to the conductor of the conductor of magnet coil stream to the conductor of the conductor of magnet coil stream t		
apparent pick-up power of magnet coil at AC 28 VA 28 VA 29 VA 24 VA 20 VA 29 VA 20 VA 24 VA 20 VA 24 VA 20 VA 24 VA 20 V		347 347 V
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil operating range factor control supply voltage rated value of magnet coil magnet coil magnet coil operating mounting position fastening method Vertical mounting position fastening method Vertical wounting position fastening method Vertical surface mounting and installation Vype of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf-in] for supply 35 35 lbf-in Vype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible To CU Vype of electrical connection for load-side outgoing feeder Screw-type terminals Stiphtening torque [lbf-in] for load-side outgoing feeder Screw-type terminals Stiphtening lorque [lbf-in] 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 CU Utype of electrical connection for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor of load-side outgoing feeder Maximum permissible To CU Utype of electrical connection of magnet coil Screw-type terminals Utype of electrical connection of magnet coil Screw-type terminals Utype of electrical connection of magnet coil Screw-type terminals Utype of onnectable conductor cross-sections of magnet coil Screw-type terminals Utype of onnectable conductor at magnet coil Screw-type terminals Utype of onnectable conductor at magnet coil Screw-type terminals Utype of electrical connection of magnet coil Screw-type terminals Utype of onnectable conductor at magnet coil Screw-type terminals Utype of onnectable conductor at magnet coil Screw-type terminals Utype of connectable conductor at	apparent pick-up power of magnet coil at AC	
operating range factor control supply voltage rated value of magnet coll Enclosure  degree of protection NEMA rating of the enclosure Open device (no enclosure)  design of the housing NA  NA  NA  Naunting/wiring  mounting position Vertical  fastening method Surface mounting and installation  type of electrical connection for supply voltage line-side Screw-type terminals  tightening torque [lbf-in] for supply Sas 35 lbf-in  Vype 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 deader Screw-type terminals  tightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals  tightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals  tightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals  tightening torque [lbf-in] at magnet coil Tor, at 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 sond-circuit protection of the main circuit required  design of the short-circuit trip  maximum short-circuit turnent breaking capacity (lcu)  • at 240 V  • at 480 V		
degree of protection NEMA rating of the enclosure  design of the housing  NA  Monting/wiring  mounting position  fastening method  type of electrical connection for supply voltage line-side  tightening torque [lbf-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 for supply maximum permissible  material of the conductor for load-side outgoing feeder  type of connectable conductor trons-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 cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  type of connectable conductor for load-side outgoing feeder  type of electrical connection of magnet coil  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 of section of magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  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 trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  65 kA	operating range factor control supply voltage rated value of	0.85 1.1
Mounting witing   Max	•	
mounting/wiring 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  tightening 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  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  type of electrical connection for load-side outgoing feeder  type of electrical connectable conductor for load-side outgoing feeder  type of electrical connectable conductor for load-side outgoing feeder  maximum permissible  feeder cut  type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  tightening torque [lbf-in] 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 maximum  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 trip  maximum short-circuit trip  maximum short-circuit turrent breaking capacity (lcu)  • at 240 V  • at 240 V  • at 480 V	degree of protection NEMA rating of the enclosure	Open device (no enclosure)
mounting position  fastening method  fastening method  Surface mounting and installation  Syrface mounting and installation  Syrface felectrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  Sorew-type terminals  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  To *C**  Type of electrical connection for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  Sorew-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  maximum permissible  material of the conductor for magnet coil  tightening 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 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 solution for short-circuit protection of the main circuit required  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  maximum short-circuit turrent breaking capacity (lcu)  • at 240 V  • at 240 V  • at 240 V  • at 480 V	design of the housing	NA
fastening method  type of electrical connection for supply voltage line-side  tightening torque [librin] for supply  type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply  type of electrical connection for load-side outgoing feeder  tightening torque [librin] 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  type of connectable 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 [librin] 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 at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  temperature of the conductor at magnet coil maximum  permissible  material of the fuse link for short-circuit protection of the main circuit required  design of the fuse link for short-circuit trip  maximum short-circuit trip  maximum short-circuit trip  maximum short-circuit turrent breaking capacity (lcu)  • at 240 V  • at 480 V  65 kA	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 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  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 connectable 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  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 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  65 kA	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 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  type of electrical connection of magnet coil Screw-type terminals  tightening torque [lbf-in] at a sample torque torque terminals  tightening torque [lbf-in] at a sample torque torque terminals  tightening torque terminals  tightening torque terminals  torque terminals  torque terminal	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  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  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 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  65 kA	type of electrical connection for supply voltage line-side	Screw-type terminals
AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder 35 35 lbf-in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil Screw-type terminals type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded 2x (18 14 AWG)  temperature of the conductor at magnet coil maximum permissible 75 °C  material 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 (Icu)  at 24 V 4	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 stype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature 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 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		2x (14 8 AWG)
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 connectable 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  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  65 KA	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 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 maximum  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	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 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  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	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  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	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		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  65 kA		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  maximum short-circuit current breaking capacity (lcu)  • at 240 V  • at 480 V  65 kA	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  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  2x (18 14 AWG)  2x (18 14 AWG)  AWG  100kA@600V (Class R or J 40A max)  Thermal magnetic circuit breaker	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  65 kA	tightening torque [lbf·in] at magnet coil	15 15 lbf·in
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  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  65 kA	7.	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  65 kA		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  65 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  65 kA	Short-circuit current rating	
maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  65 kA		100kA@600V (Class R or J 40A max)
• at 240 V 24 kA • at 480 V 65 kA	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V 65 kA	maximum short-circuit current breaking capacity (Icu)	
	• at 240 V	24 kA
• at 600 V	● at 480 V	65 kA
	• at 600 V	25 kA
certificate of suitability NEMA ICS 2; UL 508	certificate of suitability	NEMA ICS 2; UL 508
Further information	Further information	

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE00C202347A

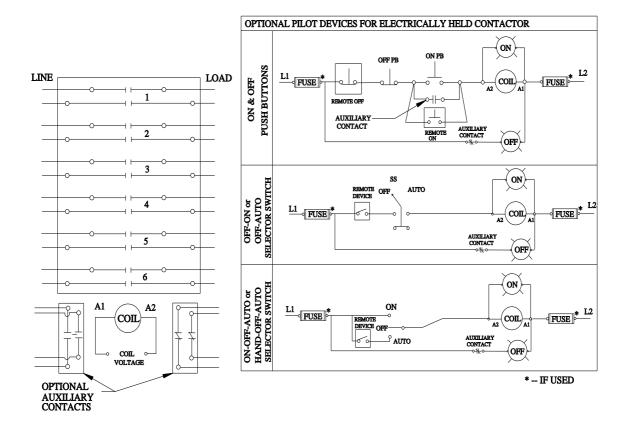
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C202347A

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

Certificates/approvals

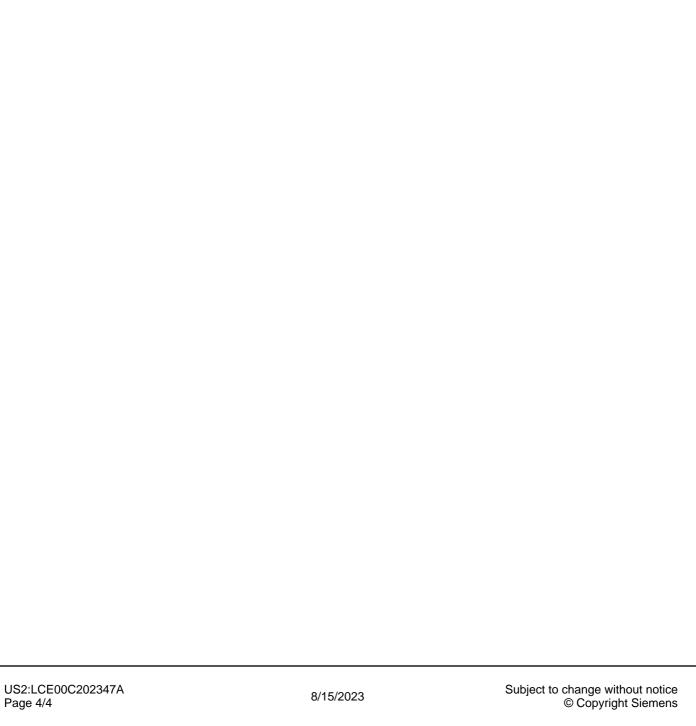
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE00C202347A/certificate





D38297001

last modified: 4/5/2023 🖸



## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

LCE00C202347A