SIEMENS

Data sheet US2:LCE01C701600A

Class LC

Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 7 N.C. / 1 N.O. poles, 575-600V 60Hz/550V 50Hz coil, Noncombination type, Enclosure NEMA type 1, Indoor general purpose use



product brand name

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]	11 lb
Height x Width x Depth [in]	14 × 8 × 7 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
during storage	-22 +149 °F
during operation	-13 +104 °F
ambient temperature	
during storage	-30 +65 °C
during operation	-25 +40 °C
country of origin	USA
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	1
number of NC contacts for main contacts	7
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	
 with electronic ballast [LED driver] (1 pole per 1 phase) rated value 	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

bye of voltage of the control supply voltage • at AC at 60 Hz rated value • at AC at 60 Hz rated value • at AC at 60 Hz rated value sparant holding power of magnet coil at AC apparant holding power of magnet coil at AC paparant holding power of magnet coil at AC apparant holding power of magnet coil at AC paparant holding power of magnet coil at AC apparant holding power of magnet coil by a active at a AC apparant holding power of magnet coil by a active at	contact rating of auxiliary contacts of contactor according to UL	NA
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 550 V 575 600 V apparent pick-up power of magnet coil at AC 248 WA apparent picking power of magnet coil at AC 28 VA operating range factor control supply voltage rated value of magnet coil degree of protection NEMA rating of the enclosure design of the housing mounting position fastening method Surface mounting and installation Vertical Surface mounting and in		
e at AC at 50 Hz rated value 550 V at AC at 50 Hz rated value 575 600 V apparent pick-up 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 apparent holding power of magnet coil at AC 38 1.1 magnet actor control supply voltage rated value of magnet coil Enclosure degree of protection NEMA rating of the enclosure Meunting withing indoors, usable on a general basis Meunting/wiring Wertical Sastening method Surface mounting and installation Type of electrical connection for supply voltage line-side Screw-type terminals Sightening torque [lbf-in] for supply 38 35 lbf-in Wype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded Surface mounting and installation Wype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded Screw-type terminals Sightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals Sightening torque [lbf-in] for supply William Screw-type terminals Sightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals Sightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals Sightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals Sightening torque [lbf-in] of magnet coil Screw-type terminals Sighte		AC
at AC at 50 Hz rated value aparent pick-up power of magnet coil at AC aparent holding power of magnet coil at AC aparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil degree of protection NEMA rating of the enclosure degree of protection NEMA rating of the enclosure Mounting-wifning mounting position Vertical fastening method Surface mounting and installation Nype of electrical connection for supply voltage line-side tightening torque [bit-in] for supply ype of connectable conductor for supply maximum permissible material of the conductor for load-side outgoing feeder Nype of onnectable conductor for load-side outgoing feeder Surface mounting and installation ype of onnectable conductor for supply outgoing 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 split of connectable conductor for for supply apply		
apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil Tendosuro degree of protection NEMA rating of the enclosure MEMA Type 1 design of the housing Mounting-wiring mounting position fastening method yes of electrical connection for supply voltage line-side signet pick pick pick pick pick pick pick pick		550 V
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 ag VA operating range factor control supply voltage rated value of magnet coil Enclosure degree of protection NEMA rating of the enclosure design of the housing mounting position Vertical Surface mounting and installation Syre of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply Ss 35 lbf-in 2x (14 8 AWG) AVG cables single or multi-stranded temperature of the conductor for supply yee of electrical connection for load-side outgoing feeder Sgrew-type terminals tightening torque [lbf-in] for load-side outgoing feeder Sgrew-type terminals 2x (14 8 AWG) AVG cables single or multi-stranded temperature of the conductor for supply yee of electrical connection for load-side outgoing feeder Sgrew-type terminals tightening torque [lbf-in] for load-side outgoing feeder Sgrew-type terminals tightening torque [lbf-in] for load-side outgoing feeder Sgrew-type terminals 2x (14 8 AWG) AVG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder Sgrew-type terminals 2x (14 8 AWG) To consider the conductor of load-side outgoing feeder Sgrew-type terminals 2x (14 8 AWG) To condition the conductor for load-side outgoing feeder Sgrew-type terminals 2x (14 8 AWG) To condition the conductor for load-side outgoing feeder Sgrew-type terminals 2x (14 8 AWG) To condition the conductor for load-side outgoing feeder Sgrew-type terminals 2x (14 8 AWG) To condition the conductor for load-side outgoing feeder Sgrew-type terminals 15 15 lbf-in 16 15 lbf-in 17 ° C To condition the conductor of load-side outgoing feeder Sgrew-type terminals 18 14 AWG) AVG cables single or multi-stranded 19 the conductor to magnet coil Sgrew-type terminals 10 lbf-in the single or multi-stranded 10 lbf-in the single or multi-stranded 10 lbf-in the s		
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil magnet coil Enclosure degree of protection NEMA rating of the enclosure design of the housing mounting position fastening method statening method statening method Surface mounting and installation type of electrical connection for supply voltage line-side tightening forque (lif-in) for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder stori buds-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 stori load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder type of electrical connection of magnet coil stype of electrical connectable conductor or load-side outgoing feeder maximum permissible stori load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible stori load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder stori load-side outgoing feeder single or multi-stranded temperature of the conductor cross-sections of magnet coil Screw-type terminals tightening torque (lif-in) at magnet coil Screw-type terminals 15 15 lib-fin 2x (18 14 AWG) 2x (18 14 AWG) 4x (18 14 AWG) Thermal magnetic circuit breaker maximum short-circuit trip Thermal magnetic circuit breaker maximum short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) at 240 V at 480 V at		
operating range factor control supply voltage rated value of magnet coil Enclosuro degree of protection NEMA rating of the enclosure design of the housing mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lib-in] for supply yep of electrical connection for supply maximum permissible material of the conductor for supply maximum permissible tightening torque [lib-in] for load-side outgoing feeder type of electrical connection for supply Sorew-type terminals tightening torque [lib-in] for load-side outgoing feeder tightening torque [lib-in] for load-side outgoing feeder type of electrical connection for ioad-side outgoing feeder type of onenectable conductor for supply CU Vertical Sorew-type terminals tightening torque [lib-in] for load-side outgoing feeder type of onenectable conductor cross-sections for AWG cables for load-side outgoing feeder type of onenectable conductor for load-side outgoing feeder Type of electrical connection for magnet coil tightening torque [lib-in] at magnet coil sorew-type terminals tightening torque [lib-in] at magnet coil Type of electrical connection 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 trip Thermal magnetic circuit breaker maximum short-circuit trip Thermal magnetic circuit breaker at 480 V at 480 V 5 KA SEMA ISS 2; UL 508		
degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply ype of somectable 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 stype of selectrical connection for load-side outgoing feeder temperature of the conductor for supply maximum permissible temperature of the conductor for supply maximum permissible temperature of the conductor for supply maximum permissible type of electrical connection for load-side outgoing feeder stype of selectrical connectable conductor cross-sections for AWG cables to road-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder temperature of the conductor 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 the conductor of magnet coil type of connectable conductor at magnet coil maximum permissible material 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 trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 800 V cotficted of suitability NEMA ICS 2; UL 508	operating range factor control supply voltage rated value of	
Mounting/wiring Mounting position Vertical Sastening method Surface mounting and installation Surface mounting and installation Special Series, type of electrical connection for supply voltage line-side Screw-type terminals Stightening torque [lbf-in] for supply Sp 35 lbf-in S		
Mounting/wiring Mounting position Vertical Sastening method Surface mounting and installation Surface mounting and installation Special Series, type of electrical connection for supply voltage line-side Screw-type terminals Stightening torque [lbf-in] for supply Sp 35 lbf-in S	degree of protection NEMA rating of the enclosure	NEMA Type 1
mounting position Vertical fastening method ype of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf-in] for supply 35 35 lbf-in ype of onnectable conductor cross-sections at line-side for AVIV cables single or multi-stranded Temperature of the conductor for supply maximum permissible 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 tightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals tightening torque [lbf-in] at magnet coil Scr		
mounting position fastering method fastering method type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] at magnet coil 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 the conductor rorse-sections of magnet coil for AWG cables single or multi-stranded temperature glore on multi-stranded temperature for the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the specific 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 permissible at 240 V at 44 AA at 48 AA at 48 AA at 48 AV be at 480 V at 48 AV certificate of suitability Further Information		
fastening method type of electrical connection for supply voltage line-side screw-type terminals tightening torque [libf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder speeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder speeder type of connectable conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder generation 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 fightening torque [libf-in] at magnet coil screw-type terminals tightening torque [libf-in] at magnet coil maximum type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum temperature of the conductor at magnet coil maximum temperature of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required et at 240 V at 480 V steps for all interesting and installation NEMA ICS 2; UL 508 NEMA ICS 2; UL 508		Vertical
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 type of connectable conductor for supply type of electrical connection 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 load-side outgoing feeder Type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil tightening torque [lbf-in] 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 maximum permissible material of the conductor at magnet coil maximum permissible material of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit trip maximum short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 480 V • at 480 V • at 650 V certificate of suitability Further information		
lightening 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 tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder SX (14 8 AWG) AWG cables 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 temperature of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil 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 temperature of the conductor at magnet coil maximum permissible cuption of the fuse link for short-circuit protection of the main circuit required design of the sond-circuit trip maximum short-circuit current breaking capacity (Icu) • at 24 0 V • at 480 V • at 480 V • at 460 V certificate of suitability NEMA ICS 2; UL 508 Further Information		
ype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder 35 35 lbf-in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible conductor for load-side outgoing feeder with the conductor for load-side outgoing feeder with the conductor for load-side outgoing feeder cutype 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 with the conductor at magnet coil screw-type terminals to the conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype of connectable conductor at magnet coil maximum permissible cutype deference cutype terminals to cutype terminals to cutype terminals to cutype terminals to cut the conductor of cutype terminals to cutype terminals t	,	,
material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [librin] for load-side outgoing feeder ype 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 tightening torque [librin] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil 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 Further information	type of connectable conductor cross-sections at line-side for	2x (14 8 AWG)
type of electrical connection for load-side outgoing feeder tightening torque [libf-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 of connectable conductor for magnet coil type of connectable conductor for magnet coil type of connectable conductor or 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 temperature of the conductor at magnet coil maximum design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) at 24 kA at 480 V at 480 V at 65 kA certificate of suitability NEMA ICS 2; UL 508 Further information	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 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 24 kA at 480 V at 480 V at 65 kA certificate of suitability NEMA ICS 2; UL 508 Further information	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 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 Further information	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 75 °C 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 Further information	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 Further Information		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 480 V • at 600 V certificate of suitability Further information		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 Further information	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 Further information	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 Further information	tightening torque [lbf·in] at magnet coil	15 15 lbf·in
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 Further information		2x (18 14 AWG)
Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information		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 Thermal magnetic circuit breaker 24 kA 65 kA 25 kA certificate of suitability NEMA ICS 2; UL 508	material of the conductor at magnet coil	CU
circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information	Short-circuit current rating	
maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information		100kA@600V (Class R or J 40A max)
 at 240 V at 480 V at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information	design of the short-circuit trip	Thermal magnetic circuit breaker
	maximum short-circuit current breaking capacity (Icu)	
• at 600 V certificate of suitability NEMA ICS 2; UL 508 Further information	• at 240 V	24 kA
certificate of suitability NEMA ICS 2; UL 508 Further information	• at 480 V	65 kA
Further information	• at 600 V	25 kA
	certificate of suitability	NEMA ICS 2; UL 508

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

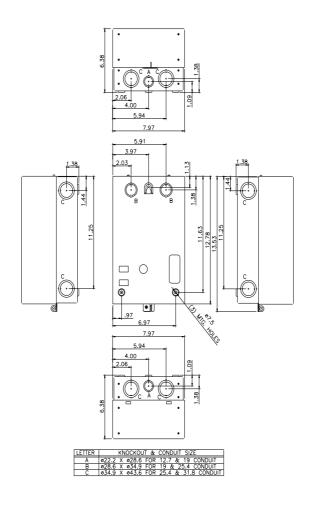
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE01C701600A

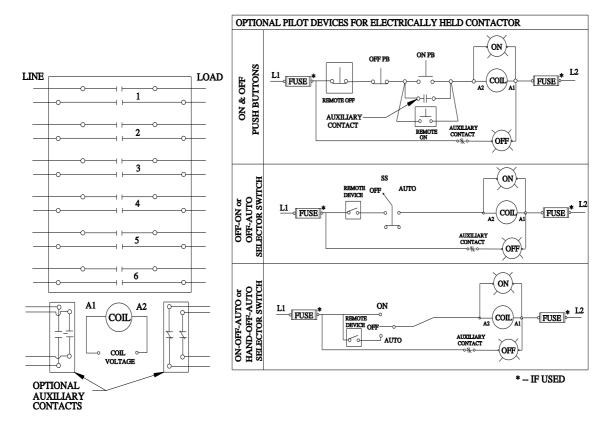
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C701600A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:LCE01C701600A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE01C701600A/certificate





D38297001

last modified: 4/5/2023 🖸

