SIEMENS

Data sheet US2:LCE02C108240A



Electrically held lighting contactor, (convertible to mech. held), Amp rating 30A (tungsten 20A), 1 N.C. / 8 N.O. poles, 230-240V 60Hz/220V 50Hz coil, Noncombination type, Enclosure NEMA type 12, Dust/drip proof for indoors

product brand name	Class LC
design of the product	Electrically held lighting contactor (convertible to mechanically held)
special product feature	Electrically held convertible to mechanically held; Power poles convertible between NO and NC
General technical data	
weight [lb]	19 lb
Height x Width x Depth [in]	16 × 13 × 6 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
during storage	-22 +149 °F
during operation	-13 +104 °F
ambient temperature	
during storage	-30 +65 °C
during operation	-25 +40 °C
country of origin	USA
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	8
number of NC contacts for main contacts	1
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

ype of voltage of the control supply voltage • at AC at 50 Hz rated value • apparent holding power of magnet coil at AC paparent holding power of magnet coil at AC poperating range factor control supply voltage rated value of magnet coil or degree of protection NEMA rating of the enclosure Mounting wifting Mounting/wifting Mounting/wifting Mounting/wifting Vertical Sastening method Surface mounting and installation Vertical Sastening method Surface mounting and installation Surface mounting and installation Vertical Sastening method Surface mounting and installation Vertical Surface mounting and installati		
type of voltage of the control supply voltage • at AC at 50 Hz rated value • at AC at 50 Hz rated value 230 240 V apparent plck-up power of magnet coil at AC 248 VA apparent plck-up power of magnet coil at AC 248 VA apparent plck-up power of magnet coil at AC 248 VA apparent plck-up power of magnet coil at AC 258 VA operating range factor control supply voltage rated value of magnet coil Enclosure degree of protection NEMA rating of the enciosure MEMA Type 3R (convertible), 4, 12 enciosure design of the housing Mounting/wiring Mounting position Vertical satening method Surface mounting and installation ype of electrical connection for supply voltage line-side tightening torque (lpf-ir) for supply 35 35 lbf-in ype 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 ype of electrical connection 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 ype of electrical connection for load-side outgoing feeder ype of electrical 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 ype of electrical connection of magnet coil ype of electrical connection of magnet coil ype of electrical connection of magnet coil ype of electrical connection of the conductor for tores-sections of magnet coil ype of the conductor of the conductor for coad-side outgoing feeder maximum permissible CU Short-croult current reting design of the sus link for short-circuit protection of the main circuit required at 480 V e at 480 V e at 480 V e at 480 V certificate of suitability NEMA ICS 2; UL 508		NA
control supply voltage at AC at 50 Hz rated value 220 V 230 240 V 248 VA apparent pick-up power of magnet coil at AC 248 VA apparent holding power of magnet coil at AC 28 VA apparent holding power of magnet coil at AC 28 VA apparent holding power of magnet coil at AC 28 VA apparent holding power of magnet coil at AC 28 VA apparent holding power of magnet coil at AC 28 VA apparent holding power of magnet coil at AC 28 VA apparent holding power of magnet coil at AC 28 VA apparent holding power of magnet coil at AC 28 VA 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 pick-up power of magnet coil at AC 28 VA apparent pick-up power of magnet coil at AC 28 VA apparent pick-up power of magnet coil at AC 28 VA apparent pick-up power of magnet coil at AC 28 VA apparent pick-up power of magnet coil at AC 28 VA apparent pick-up power of magnet coil at AC 28 VA apparent pick-up power of magnet coil at AC 28 VA apparent pick-up power of magnet coil at AC 28 VA apparent pick-up power of magnet coil Vertical Surface mounting and installation Surface mounting and installation Vertical Surface mounting and installation Surface mounting and ins		
at AC at 50 Hz rated value aparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC apparent pick-in in a AC apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC apparent pick-in in a AC apparen	type of voltage of the control supply voltage	AC
apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil Enclosure degree of protection NEMA rating of the enclosure design of the housing Dust-light, watertight & weather proof Mounting/wing mounting position Vertical fastening method Surface mounting and installation Syrey of electrical connection for supply voltage line-side tightening torque [libf-in] for supply yoltage 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 Vype of onenctable conductor for load-side outgoing feeder Vype of onenctable conductor for for supply or maximum permissible material of the conductor for for supply or maximum permissible material of the conductor for for supply or maximum permissible with load-side outgoing feeder Vype of electrical connection for load-side outgoing feeder Sorew-type terminals Upper of electrical connection for load-side outgoing feeder Sorew-type terminals 2x (14 8 AWG) xorew-type terminals 2x (14 8 AWG) xorew-type terminals 3x 35 libf-in 2x (14 8 AWG) xorew-type terminals 4x (14 8 AWG) xorew-type terminals 3x 35 libf-in 2x (14 8 AWG) xorew-type terminals 1ype of electrical connection for load-side outgoing feeder xorew-type terminals 1ype of electrical connection for load-side outgoing feeder xorew-type terminals 1ype of electrical connection for load-side outgoing feeder xorew-type terminals 2x (14 8 AWG) xorew-type terminals 1ype of electrical connection of magnet coil 1ype of electrical connection of magnet coil for xorew-type terminals 1ype of electrical connection of magnet coil for AWG cables for the unit of the conductor for load-side outgoing feeder xorew-type terminals 1ype of electr	control supply voltage	
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil apparent holding power of power holding power of power holding power holding power holding power holding hol	 at AC at 50 Hz rated value 	220 V
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil magnet coil Enclosure degree of protection NEMA rating of the enclosure	at AC at 60 Hz rated value	230 240 V
operating range factor control supply voltage rated value of magnet coll Enclosure degree of protection NEMA rating of the enclosure design of the housing Dust-light, watertight & weather proof Mounting/wring mounting position Vertical fastening method type of electrical connection for supply voltage line-side lightening lorque [Ibf-in] for supply ype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded type of electrical connection for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder stranded outgoing feeder single or multi-stranded temperature of the conductor for supply type of connectable conductor cross-sections of nAWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder Mype of connectable conductor or load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder Wype of electrical connection of magnet coil Screw-type terminals stightening lorque [Ibf-in] at magnet coil Screw-type terminals stightening lorque [Ibf-in] at magnet coil Screw-type terminals stightening lorque [Ibf-in] at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the sonductor at magnet coil maximum permissible of the sonductor at magnet coil 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 retains design of the short-circuit current retains design of the short-circuit current retai	apparent pick-up power of magnet coil at AC	248 VA
magnet coil Enclosure degree of protection NEMA rating of the enclosure design of the housing Dust-light, watertight & weather proof Mounting/wiring mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply Whype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply Lype of connectable conductor for supply Whype of connectable conductor for supply Whype of connectable conductor for supply Whype of connectable conductor for load-side outgoing feeder Screw-type terminals Screw-type terminals Screw-type terminals Screw-type terminals 2x (14 8 AWG) X(14 8 AWG) X(15 15 Ibf-in X(14 8 AWG) X(15 15 Ibf-in X(15 15 Ibf-in X(16 14 AWG) X(17 15 Ibf-in X(17 15 Ibf-in X(18 14 AWG) X	apparent holding power of magnet coil at AC	28 VA
desgree of protection NEMA rating of the enclosure design of the housing Dust-tight, watertight & weather proof Mounting/wiring mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque (libf-in) for supply Spe of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible Type of connectable conductor for supply Type of connectable conductor for supply Type of connectable conductor cross-sections for AWG cables Special outgoing feeder Screw-type terminals Special outgoing feeder single or multi-stranded Screw-type terminals Special outgoing feeder single or multi-stranded Screw-type terminals Special outgoing feeder single or multi-stranded Screw-type terminals Special outgoing feeder Screw-type terminals		0.85 1.1
Dust-tight, watertight & weather proof	Enclosure	
mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 35 35 lbf-in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor rorse-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder sor 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 or ses-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 conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil Short-circuit current triting design of the short-circuit trip maximum short-circuit trip maximum short-circuit trip maximum short-circuit current breaking capacity (Icu) at 480 V at 600 V 25 kA NEMA ICS 2; UL 508	degree of protection NEMA rating of the enclosure	NEMA Type 3R (convertible), 4, 12 enclosure
mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply maximum permissible giblening torque [lbf-in] for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder aximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil sorew-type terminals stightening torque [lbf-in] at magnet coil sorew-type terminals stightening torque [lbf-in] sorew-type terminals stighteni	design of the housing	Dust-tight, watertight & weather proof
fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 3535 lbf-in 2x (148 AWG) AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder 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 maximum permissible material of the conductor for load-side outgoing feeder 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 electrical connectable conductor ross-sections for AWG cables for load-side outgoing feeder To C Screw-type terminals 2x (14 8 AWG) To C CU Type of electrical connection of magnet coil Screw-type terminals 2x (14 8 AWG) To C CU Type of electrical connection of magnet coil Screw-type terminals 2x (14 8 AWG) To C CU Type of electrical connection of magnet coil Screw-type terminals 2x (14 8 AWG) To C CU Type of electrical connection of magnet coil To C CU Stort-circuit current rating design of the conductor at magnet coil maximum permissible maximum short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 650 KA Certificate of suitability NEMA ICS 2; UL 508	Mounting/wiring	
type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible rightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder should be conductor for supply 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 [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit trip maximum short-circuit trip	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 type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder stightening torque [lbf-in] for load-side outgoing feeder stype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil stightening torque [lbf-in] at magnet coil stightening torque [lbf-in] at magnet coil stightening 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 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 fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker **AKA ** at 480 V ** at 600 V ** Oz 5kA ** NEMA ICS 2; UL 508	fastening method	Surface mounting and installation
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible 75 °C C CU Type of electrical connectable conductor for load-side outgoing feeder Screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder Screw-type terminals Type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder CU Type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil 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 conductor at magnet coil Type of connectable conductor at magnet coil maximum permissible conductor at magnet coil maximum permissible conductor at magnet coil Type of connectable conductor at magnet coil Type of connectable conductor at magnet coil Type of connectable conductor at magnet coil maximum permissible conductor at magnet coil Type of CU Type of connectable conductor at magnet coil Type of CU Type of connectable conductor at magnet coil Type of CU T	type of electrical connection for supply voltage line-side	Screw-type terminals
AWG cables single or multi-stranded temperature of the conductor for supply CU type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil stightening torque [lbf-in] at magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the fuse link for short-circuit trip maximum short-circuit turrent breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	tightening torque [lbf·in] for supply	35 35 lbf·in
material of the conductor for supply type of electrical connection for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil screw-type terminals tightening to find the conductor of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil screw-type terminals tightening to find the soundard to find magnet coil screw-type terminals to 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 24 kA at 480 V at 480 V bt 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 35 35 lbf-in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor oross-sections of magnet coil or AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum temperature of the conductor at magnet coil maximum design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) at 24 kA at 480 V at 480 V at 480 V at 66 kA at 600 V certificate of suitability NEMA ICS 2; UL 508	temperature of the conductor for supply maximum permissible	75 °C
tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	material of the conductor for supply	CU
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the fuse link for short-circuit protection of the main circuit required design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	type of electrical connection for load-side outgoing feeder	Screw-type terminals
for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [Ibf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	tightening torque [lbf·in] for load-side outgoing feeder	35 35 lbf·in
maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508		2x (14 8 AWG)
type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508		75 °C
tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) at 240 V at 480 V at 600 V certificate of suitability NEMA ICS 2; UL 508	material of the conductor for load-side outgoing feeder	CU
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals
AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) at 240 V at 480 V at 65 kA at 600 V certificate of suitability NEMA ICS 2; UL 508	tightening torque [lbf·in] at magnet coil	15 15 lbf·in
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		2x (18 14 AWG)
Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability NEMA ICS 2; UL 508	temperature of the conductor at magnet coil maximum	75 °C
design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V Certificate of suitability 100kA@600V (Class R or J 40A max) Thermal magnetic circuit breaker 24 kA 65 kA 25 kA	<u> </u>	CU
circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability Thermal magnetic circuit breaker 24 kA 65 kA 25 kA	Short-circuit current rating	
design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V certificate of suitability Thermal magnetic circuit breaker 24 kA 65 kA 25 kA	· ·	100kA@600V (Class R or J 40A max)
maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 25 kA certificate of suitability NEMA ICS 2; UL 508	·	Thermal magnetic circuit breaker
• at 240 V • at 480 V • at 600 V certificate of suitability 24 kA • 25 kA • NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (Icu)	
• at 480 V • at 600 V 25 kA certificate of suitability NEMA ICS 2; UL 508	5 . , , ,	24 kA
● at 600 V certificate of suitability NEMA ICS 2; UL 508	• at 480 V	
certificate of suitability NEMA ICS 2; UL 508	• at 600 V	
•		
	Approvals Certificates	



Test Certificates

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

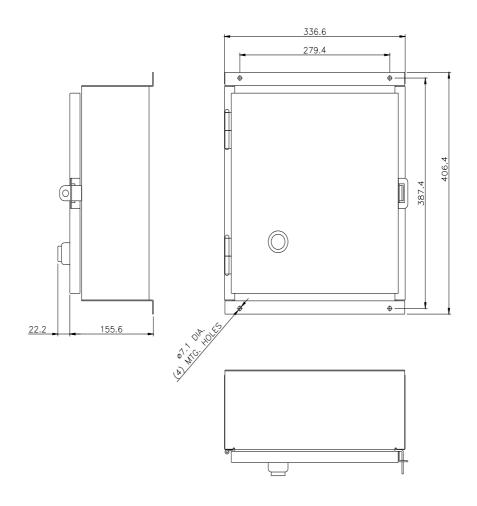
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LCE02C108240A

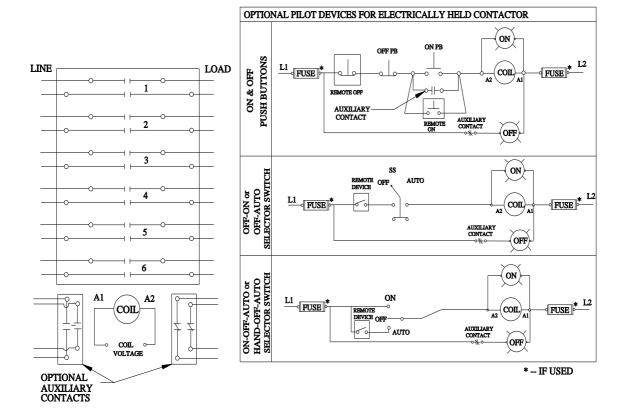
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C108240A

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:LCE02C108240A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LCE02C108240A/certificate





D38297001

last modified: 4/20/2024 🖸

