SIEMENS

Data sheet

US2:LEN00C012208B

Electrically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 12 N.O. Poles, 198VAC 50HZ/208VAC 60HZ coil, Non-combination type, (no disconnect device), Enclosure NEMA type (open), No enclosure



product brand name	Class LE
design of the product	Electrically held lighting contactor
special product feature	Compact design; Finger safe control terminals
General technical data	
weight [lb]	7 lb
Height x Width x Depth [in]	5.87 × 11.75 × 4.07 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 	-67 +176 °F
during operation	32 104 °F
ambient temperature	
 during storage 	-55 +80 °C
during operation	0 40 °C
country of origin	Germany
Contactor	
size of contactor	30 Amp
number of NO contacts for main contacts	12
number of NC contacts for main contacts	0
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
mechanical service life (operating cycles) of the main contacts typical	1000000
contact rating of the main contacts of lighting contactor	
 with electronic ballast [LED driver] (1 pole per 1 phase) rated value 	16A @120V / 8A @277V 1p 1ph
 at tungsten (1 pole per 1 phase) rated value 	30A @277V 1p 1ph
 at tungsten (2 poles per 1 phase) rated value 	30A @480V 2p 1ph
 at tungsten (3 poles per 3 phases) rated value 	30A @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 at contactor for auxiliary contacts	3
number of NO contacts at contactor for auxiliary contacts	3
number of total auxiliary contacts maximum	4
contact rating of auxiliary contacts of contactor according to UL	A600 / Q600
Coil	

type of voltage of the control supply voltage AC control supply voltage 98 V • at AC at 60 Hz rated value 208 V apparent holding power of magnet coll at AC 281 VA apparent holding power of magnet coll at AC 282 VA operating range factor control supply voltage rated value of magnet coll 0.85 1.1 magnet coll 0.85 1.1 Enclosure Open device (no enclosure) design of the housing NA Mounting/Wring NA Mounting position Vertical fastening method Surface mounting and installation type of concetable conductor rorses-sections at line-side for AWG cables single or multi-stranded Zx (16 12 AWG), 2x (14 8 AWG) type of electrical connection for supply maximum permissible 75 °C material of the conductor for supply maximum permissible Zx (16 12 AWG), 2x (14 8 AWG) type of electrical connection for load-side outgoing feeder 18 22 Ibrin type of electrical connection for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) type of electrical connection for load-side outgoing feeder 18 22 Ibrin type of electrical connection for load	
• at AC at 50 Hz rated value 208 V • at AC at 60 Hz rated value 208 V apparent pick-up power of magnet coil at AC 281 VA apparent holding power of magnet coil at AC 282 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 Enclosure Open device (no enclosure) design of the housing NA Mounting/Wring NA mounting position Vertical fastening method Surface mounting and installation bype of connectable conductor cross-sections at line-side for 2x (16 12 AWG), 2x (14 8 AWG) PWG cables single or multi-stranded Screw-type terminals temperature of the conductor for supply maximum permissible 75 °C maximum permissible 75 °C maximum permissible 75 °C maximum permissible Screw-type terminals tightening torque [bt-in] for load-side outgoing feeder 18 22 Ibr/in type of electrical connection for load-side outgoing feeder 18 22 Ibr/in type of onnectable conductor for load-side outgoing feeder 18 22 Ibr/in type of electrical connection for load-side outgoing feeder 18 22 Ibr/in type of electrical connection for magnet coil 7 10 Ibr/in temperature of the conductor for load-side outgoing feeder 18 22 Ibr	
• at AC at 60 Hz rated value 208 V apparent pick-up power of magnet coil at AC 261 VA apparent holding power of magnet coil at AC 282 VA operating range factor control supply voltage rated value of magnet coil 0.85 11 Eclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) Mounting/wiring NA Mounting/wiring Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightering torque [blin1] for supply 18 22 lofin type of connectable conductor cross-sections at line-side for 2x (16 12 AWG), 2x (14 8 AWG) AWG cables single or multi-stranded For 'CC material of the conductor for supply maximum permissible 75 'C material of the conductor for load-side outgoing feeder 18 22 lofin type of connectable conductor rolad-side outgoing feeder 75 'C material of the conductor for load-side outgoing feeder 75 'C material of the conductor for load-side outgoing feeder 75 'C material of the conductor for load-side outgoing feeder 75 'C material of the conductor for load-side outgoing feeder 72 'C type of electricial connection of magnet coil	
apparent pick-up power of magnet coil at AC 261 VA apparent holding power of magnet coil at AC 28.2 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 Enclosure Open device (no enclosure) design of the housing NA Mounting/wiring NA mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [bir-in] for supply 18 22 lbrin AWG cables single or multi-stranded Zx (16 12 AWG), 2x (14 8 AWG) Vpe of electrical connectoin for supply maximum permissible 75 °C material of the conductor for supply CU Vpe of electrical connectoin for load-side outgoing feeder Screw-type terminals tightening torque [bir-in] for load-side outgoing feeder 75 °C material of the conductor for load-side outgoing feeder 75 °C material of the conductor for load-side outgoing feeder 75 °C material of the conductor for load-side outgoing feeder 75 °C material of the conductor for load-side outgoing feeder 75 °C material of the conductor at ma	
Apparent holding power of magnet coil at AC 28.2 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 Enclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) Mounting/wining NA mounting position Vertical fastering method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf-in] for supply 18 22 lbf-in type of electrical connection for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 75 °C torol cologing feeder 18 22 lbf-in type of electrical connection for load-side outgoing feeder 18	
operating range factor control supply voltage rated value of magnet col 0.85 1.1 Enclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) MountingWiring NA mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [Ibr ¹ -in] for supply 18 22 Ibr ¹ in type of openctable conductor cross-sections at line-side for AWG cables single or multi-stranded Zx (16 12 AWG), 2x (14 8 AWG) temperature of the conductor for supply CU CU type of electrical connection for load-side outgoing feeder 18 22 Ibr ¹ in tightening torque [Ibr ¹ -in] for load-side outgoing feeder 18 22 Ibr ¹ in type of optication for load-side outgoing feeder 18 22 Ibr ¹ in type of electrical connection for load-side outgoing feeder 75 °C temperature of the conductor for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) type of opticatable conductor ross-sections of magnet coil 7 10 Ibr ¹ in type of electrical connection of magnet coil 7 10 Ibr ¹ i	
magnet coll Enclosure Enclosure Open device (no enclosure) design of the housing NA Mounting position Surface mounting and installation tigstening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbrin] for supply 18 22.lbrin ype of connectable conductor cross-sections at line-side for 2x (16 12 AWG), 2x (14 8 AWG) AWG cables single or multi-stranded T5 °C temperature of the conductor for supply maximum permissible 75 °C toro to conductor for load-side outgoing feeder 18 22.lbrin type of connectable conductor for load-side outgoing feeder 18 22.lbrin type of connectable conductor for load-side outgoing feeder 18 22.lbrin type of connectable conductor for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) material of the conductor for load-side outgoing feeder 2x (20 16 AWG), 2x (14 8 AWG) type of electrical connection of magnet coil 7 10 lbrin type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [lbrin] at magnet coil 7 10 lbrin	
degree of protection NEMA rating of the enclosure Open device (no enclosure) design of the housing NA Mounting/wiring NA 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 18 22 lbf-in type of connectable conductor cross-sections at line-side for 2x (16 12 AWG), 2x (14 8 AWG) WG cables single or multi-stranded CU type of electrical connection for load-side outgoing feeder 18 22 lbf-in type of oconnectable conductor cross-sections for AWG cables 75 °C of load-side outgoing feeder 18 22 lbf-in type of electrical connection for load-side outgoing feeder 75 °C to load-side outgoing feeder CU type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil 7 10 lbf-in type of electrical connection of magnet coil 7 10 lbf-in type of electrical connection for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at magnet coil	
design of the housing NA Mounting/wiring	
Mounting/wiring Vertical mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [bt/in] for supply 18 22 lb/in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded 2x (16 12 AWG), 2x (14 8 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 2x (16 12 AWG), 2x (14 8 AWG) type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [bf/in] for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) for load-side outgoing feeder single or multi-stranded 2x (16 12 AWG), 2x (14 8 AWG) temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible 75 °C maximum permissible 75 °C maximum permissible 75 °C maximum permissible 75 °C material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coil 7 10 lbf/in type of electrical connection at contactor	
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 18 22 lbf-in type of connectable conductor cross-sections at line-side for 2x (16 12 AWG), 2x (14 8 AWG) AWG cables single or multi-stranded 75 °C temperature of the conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder Screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder 18 22 lbf-in type of connectable conductor for load-side outgoing feeder 75 °C maximum permissible 75 °C maximum permissible 75 °C maximum permissible 75 °C material of the conductor for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil 75 °C waterial of the conductor rot load-side outgoing feeder CU type of electrical connection of magnet coil 7 10 lbf-in type of electrical connec	
fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf-in] for supply 18 22 lbf-in Vype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded 2x (16 12 AWG), 2x (14 8 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 75 °C type of electrical connection for load-side outgoing feeder 18 22 lbf-in type of connectable conductor for supply maximum permissible 75 °C termperature of the conductor for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) type of connectable conductor for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) type of connectable conductor for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) type of electrical connection of magnet coil Screw-type terminals tightening torque [lbf-in] at magnet coil 7 10 lbf-in type of electrical connection at contactor for auxiliary contacts CU type of electrical connection at contactor for auxiliary contacts 7 12 lbf-in type of electrical connection at contactor for auxiliary contacts CU	
type of electrical connection for supply voltage line-sideScrew-type terminalstightening torque [lbf-in] for supply18 22 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded2x (16 12 AWG), 2x (14 8 AWG)temperature of the conductor for supplyCUtype of electrical connection for load-side outgoing feeder5crew-type terminalstightening torque [lbf-in] for load-side outgoing feeder2x (16 12 AWG), 2x (14 8 AWG)type of connectable conductor for savesections for AWG cables for load-side outgoing feeder single or multi-stranded75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder2x (20 16 AWG), 2x (14 8 AWG)type of connectable conductor for load-side outgoing feeder2x (20 16 AWG), 2x (18 14 AWG)type of connectable conductor at magnet coil7 10 lbf-intype of connectable conductor at magnet coil2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts7 12 lbf-intype of electrical connection at contactor for auxiliary contacts7 12 lbf-intype of electrical connector at contactor for auxiliary contacts75 °Ctorqui term	
tightening torque [lbf:in] for supply18 22 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded2x (16 12 AWG), 2x (14 8 AWG)temperature of the conductor for supplyCUtype of electrical connectable conductor for supplyCUtype of electrical connectable conductor for load-side outgoing feeder18 22 lbf-intype of connectable conductor for load-side outgoing feeder18 22 lbf-intype of connectable conductor for load-side outgoing feeder18 22 lbf-intype of connectable conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil75 °Ctype of connectable conductor at magnet coil7 10 lbf-intype of connectable conductor at magnet coil2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at magnet coilCUtype of connectable conductor at magnet coilCUtype of connectable conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contacts7 12 lbf-intype of electrical connection at contactor for auxiliary contacts7 12 lbf-intype of electrical connection at contactor for auxiliary contacts7.	
Jype of connectable conductor cross-sections at line-side for 2x (16 12 AWG), 2x (14 8 AWG) Yamod Cables single or multi-stranded 75 °C material of the conductor for supply CU Stream of the conductor for load-side outgoing feeder 18 22 lbf-in Type of connectable conductor for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) for load-side outgoing feeder single or multi-stranded 75 °C temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible 75 °C material of the conductor for load-side outgoing feeder 75 °C type of electrical connectable conductor ron agnet coil 7 10 lbf-in type of electrical connectable conductor at magnet coil maximum 75 °C material of the conductor at magnet coil 2x (20 16 AWG), 2x (18 14 AWG) AWG cables single or multi-stranded 7 10 lbf-in type of electrical connectable conductor at magnet coil maximum 75 °C material of the conductor at magnet coil CU type of electrical connectable conductor for auxiliary contacts <td></td>	
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded2x (16 12 AWG), 2x (14 8 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyCUtype of electrical connectable conductor cross-sections for AWG cables for load-side outgoing feeder18 22 lbf-intype of connectable conductor for load-side outgoing feeder2x (16 12 AWG), 2x (14 8 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection of magnet coil7 10 lbf-intype of electrical connection at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum 	
material of the conductor for supplyCUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder18 22 lbf-intype of connectable conductor cross-sections for AWG cables2x (16 12 AWG), 2x (14 8 AWG)for load-side outgoing feeder single or multi-stranded75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connectable conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil7 10 lbf-intype of electrical connection at magnet coil maximum2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contactsCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contactsCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts7 12 lbf-intype of electrical connection at contactor for auxiliary contacts7 12 lbf-intype of electrical connection at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75	
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf in] for load-side outgoing feeder18 22 lbf intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (16 12 AWG), 2x (14 8 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf in] at magnet coil7 10 lbf intype of connectable conductor at magnet coil2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at magnet coil2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf in] at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf in] at contactor for auxiliary contacts7 12 lbf intype of electrical connection at contactor for auxiliary contacts7 12 lbf intype of electrical connector at contactor for auxiliary contacts75 °Ctightening torque [lbf in] at contactor for auxiliary contacts7 12 lbf intype of the conductor at contactor for auxiliary contacts75 °Ctightening torque [lbf in] at contactor for auxiliary contacts75 °Ctightening torque [lbf in] at contactor for auxiliary contacts75 °Ctightening torque [lbf in] at contactor for auxiliary contacts75 °Cmaximum permissible75 °Cmate	
ightening torque [lbf-in] for load-side outgoing feeder 18 22 lbf-in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded 2x (16 12 AWG), 2x (14 8 AWG) temperature of the conductor for load-side outgoing feeder 75 °C 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 7 10 lbf-in type of connectable conductor at magnet coil for AWG cables single or multi-stranded 75 °C temperature of the conductor at magnet coil maximum 75 °C material of the conductor at magnet coil maximum 75 °C material of the conductor at magnet coil Cu type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts 7 12 lbf-in type of connectable conductor at contactor for auxiliary contacts 7 12 lbf-in type of cannectable conductor at contactor for auxiliary contacts 75 °C material of the conductor at contactor for auxiliary contacts 7 12 lbf-in type of cannectable conductor at contactor for auxiliary contacts 75 °C maximum permissible 100kA@60	
for load-side outgoing feeder single or multi-stranded75 °Cmaterial of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coil7 10 lbf-intype of connectable conductor cross-sections of magnet coil or AWG cables single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissibleCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contactsCUtype of electrical connection at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts7 12 lbf-intype of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current rating100kA@600V (Class J 60A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu)65 kA• at 480	
temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil7 10 lbf-intype of connectable conductor cross-sections of magnet coil or AWG cables single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °CMWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)AWG cables for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °Cmaximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Cdesign of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 60A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current brea	
type of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil7 10 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °CAWG cables for auxiliary contacts single or multi-stranded75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °CMaximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °CShort-circuit current rating100kA@600V (Class J 60A max)design of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 60A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu)65 kA• at 240 V65 kA• at 480 V65 kA	
tightening torque [lbf·in] at magnet coil 7 10 lbf·in type of connectable conductor cross-sections of magnet coil for 2x (20 16 AWG), 2x (18 14 AWG) temperature of the conductor at magnet coil maximum 75 °C material of the conductor at magnet coil CU type of connectable conductor at magnet coil CU type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf·in] at contactor for auxiliary contacts 7 12 lbf·in type of connectable conductor at contactor for auxiliary contacts 7 12 lbf·in type of connectable conductor at contactor for auxiliary contacts 7 12 lbf·in type of the conductor at contactor for auxiliary contacts 7 12 lbf·in type of the conductor at contactor for auxiliary contacts 7 12 lbf·in type of the conductor at contactor for auxiliary contacts 75 °C material of the conductor at contactor for auxiliary contacts 75 °C material of the conductor at contactor for auxiliary contacts 75 °C material of the conductor at contactor for auxiliary contacts 75 °C material of the conductor at contactor for auxiliary contacts 75 °C material of the solutor at contactor for auxiliary contacts CU	
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)type of connectable conductor at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)type of the conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)type of connectable conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)type of connectable conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)material of the conductor at contactor for auxiliary contactsCUmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current rating100kA@600V (Class J 60A max)design of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 60A max)maximum short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V65 kA• at 480 V <td></td>	
ÁWG cables single or multi-strandedThe function of the function of the conductor at magnet coil maximum permissiblematerial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at magnet or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)twpe of the conductor at contactor for auxiliary contacts75 °Ctwpe of the conductor at contactor for auxiliary contacts75 °Ctwpe of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current rating100kA@600V (Class J 60A max)design of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 60A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V • at 480 V65 kA	
permissibleCUmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf·in] at contactor for auxiliary contacts7 12 lbf·intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts maximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current rating100kA@600V (Class J 60A max)design of the tuse link for short-circuit protection of the main circuit required100kA@600V (Class J 60A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu) • at 240 V65 kA• at 480 V65 kA	
type of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf·in] at contactor for auxiliary contacts7 12 lbf·intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts maximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current rating100kA@600V (Class J 60A max)design of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 60A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu) • at 240 V65 kA• at 480 V65 kA	
tightening torque [lbf-in] at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts maximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current rating100kA@600V (Class J 60A max)design of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 60A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu) • at 240 V65 kA• at 480 V65 kA	
type of connectable conductor cross-sections at contactor for 2x (20 16 AWG), 2x (18 14 AWG) AWG cables for auxiliary contacts single or multi-stranded 2x (20 16 AWG), 2x (18 14 AWG) temperature of the conductor at contactor for auxiliary contacts 75 °C material of the conductor at contactor for auxiliary contacts CU Short-circuit current rating 65 kA design of the short-circuit current breaking capacity (Icu) 65 kA • at 240 V 65 kA	
AWG cables for auxiliary contacts single or multi-stranded 75 °C temperature of the conductor at contactor for auxiliary contacts maximum permissible 75 °C material of the conductor at contactor for auxiliary contacts CU Short-circuit current rating 100kA@600V (Class J 60A max) design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 60A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 65 kA • at 240 V 65 kA	
maximum permissible CU material of the conductor at contactor for auxiliary contacts CU Short-circuit current rating 100kA@600V (Class J 60A max) design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 60A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 65 kA • at 240 V 65 kA • at 480 V 65 kA	
Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 60A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 65 kA • at 240 V 65 kA	
design of the fuse link for short-circuit protection of the main 100kA@600V (Class J 60A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 65 kA • at 240 V 65 kA • at 480 V 65 kA	
circuit required Thermal magnetic circuit breaker design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 65 kA • at 240 V 65 kA • at 480 V 65 kA	
maximum short-circuit current breaking capacity (Icu) 65 kA • at 240 V 65 kA • at 480 V 65 kA	
• at 240 V 65 kA • at 480 V 65 kA	
• at 480 V 65 kA	
a at 600 V	
• at 600 V 20 kA	
certificate of suitability NEMA ICS 2; UL 508A	
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:LEN00C012208B

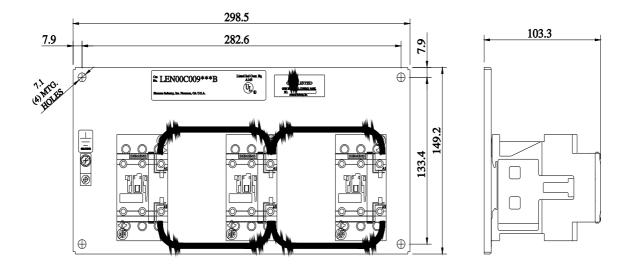
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

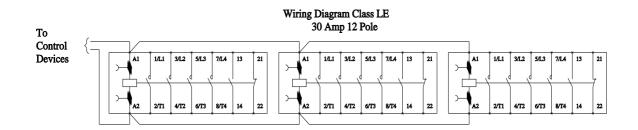
https://support.industry.siemens.com/cs/US/en/ps/US2:LEN00C012208B

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:LEN00C012208B&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LEN00C012208B/certificate





E87010-A0411-T009-A1-LEN-3

6/15/2023 🖸

7/11/2023

Subject to change without notice © Copyright Siemens