SIEMENS

Data sheet

US2:LEN00E003120C



Electrically held lighting contactor, Contactor amp rating 100A, 0 N.C. / 3 N.O. Poles, 110VAC 50HZ/120VAC 60HZ coil, 1 NO / 1 NC auxiliary contacts Noncombination type, (no disconnect device), Enclosure NEMA type (open), No enclosure

Figure similar	
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]	4 lb
Height x Width x Depth [in]	5.71 × 2.86 × 6.2 in
touch protection against electrical shock	Main circuit (not 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	100 Amp
number of NO contacts for main contacts	3
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	
 at tungsten (1 pole per 1 phase) rated value 	100A @277V 1p 1ph
 at tungsten (2 poles per 1 phase) rated value 	100A @480V 2p 1ph
 at tungsten (3 poles per 3 phases) rated value 	100A @480V 3p 3ph
 at ballast (1 pole per 1 phase) rated value 	100A @347V 1p 1ph
 at ballast (2 poles per 1 phase) rated value 	100A @600V 2p 1ph
 at ballast (3 poles per 3 phases) rated value 	100A @600V 3p 3ph
 at resistive load (1 pole per 1 phase) rated value 	100A @347V 1p 1ph
 at resistive load (2 poles per 1 phase) rated value 	100A @600V 2p 1ph
 at resistive load (3 poles per 3 phases) rated value 	100A @600V 3p 3ph
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	1
number of NO contacts at contactor for auxiliary contacts	1
number of total auxiliary contacts maximum	14
contact rating of auxiliary contacts of contactor according to UL	A600 / P600
Coil	
type of voltage of the control supply voltage	AC

control supply voltage 00 V e1 AC at 60 Hz rated value 110110 V e1 AC at 60 Hz rated value 120120 V apparent bick-up power of magnet coll at AC 22 VA operating range factor control supply voltage rated value of magnet coll at AC 22 VA operating range factor control supply voltage rated value of magnet coll at AC 22 VA OP-delay time 0.851.1 OP-delay time 0.951 OP-delay time 0.900 V Enclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) degree of protection for Supply voltage line-side Screac-type terminals fastering method Surface mounting and installation type of electrical connection for supply voltage line-side for AVC cables sing or mult-stranded Ze (1010 AVG), 1x (1020 AWG) type of electrical connection for load-side outgoing feeder Ze (1010 AVG), 1x (1020 AWG) type of electrical connection for load-side outgoing feeder Ze (1010 AWG), 1x (1020 AWG) type of electrical connection for load-side outgoing feeder Ze (1010 AWG), 1x (1020 AWG) type of electrical connection for load-side outgoing feeder		
• at AC at 50 Hz rated value 110 110 V • at AC at 60 Hz rated value 120 120 V apparent pick-up power of magnet coil at AC 326 VA apparent pick-up power of magnet coil at AC 22 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 magnet coil 0.85 1.1 OP-delay time 13 50 ms OF-delay time 0.21 ms Enclosure Open device (no enclosure) Mounting/withing NA mounting position Vertical fastering method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [br in] for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 28 39 lbr in type of electrical connection for load-side outgoing feeder 28 30 lbr in type of electrical connection for supply 28 30 lbr in type of electrical connection for load-side outgoing feeder 28 30 lbr in type of electrical connection for load-side outgoing feeder 28 30 lbr in type of electrical connection for load-side outgoing feeder 29 10 10 AWG), 1x (10 2 AWG) tightening torque	control supply voltage	
• at AC at 60 Hz rated value 120 120 V apparent hold-up power of magnet coil at AC 326 VA apparent holding power of magnet coil at AC 22 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 ON-Helay time 10 21 ms Enclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) Mounting/witring Na Mounting/witring Surface mounting and installation type of electrical connection for supply voltage line-side Surface mounting and installation type of electrical connection for supply maximum permissible Zs (10 1/0 AWG), 1x (10 2/0 AWG) type of electrical connection for supply maximum permissible Zs (20 1/0 AWG), 1x (10 2/0 AWG) type of electrical connection for load-side outgoing feeder 26 39 IbFin type of electrical connection for load-side outgoing feeder 26 39 IbFin type of electrical connection for load-side outgoing feeder 26 39 IbFin type of electrical connection for load-side outgoing feeder 26 39 IbFin type of electrical connection for load-side outgoing feeder 26 39 IbFin type of electrical connection for load-side outgoing feeder 26 39 IbFin	 at DC rated value 	0 0 V
apparent pick-up power of magnet coil at AC 326 VA apparent holding power of magnet coil at AC 22 VA OR-delay time 085 1.1 ON-delay time 13 50 ms OFF-delay time 10 21 ms Enclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) design of the housing NA Mounting/wring NA mounting position Vertical fastening method Screw-type terminals tightening torque [tithin] for supply voltage line-side for 2x (10 1/0 AWG), 1x (10 2/0 AWG) type of electrical connection for supply voltage line-side for 2x (10 1/0 AWG), 1x (10 2/0 AWG) type of electrical connection for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 75 °C tightening torque [tithin] for load-side outgoing feeder 2x (10 1/0 AWG), 1x (10 2 AWG) type of electrical connection for load-side outgoing feeder 2x (20 16 AWG), 2x (18 14 AWG) type of electrical connection for load-side outgoing feeder 2x (20 16 AWG), 2x (18 14 AWG) type of electrical connection for load-side outgoing feeder 2x (20 16 AWG), 2x (1	 at AC at 50 Hz rated value 	110 110 V
apparent holding power of magnet coil at AC 22 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 ON-delay time 13 50 ms OFF-delay time 13 50 ms OFF-delay time 0.9 ms degree of protection NEMA rating of the enclosure Open device (no enclosure) Mounting/Wring NA Mounting/Wring mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening target tibe conductor for supply voltage line-side for 2x (10 10 AWG), 1x (10 20 AWG) WG cables single or multi-stranded temperature of the conductor for supply maximum permissible 75 °C CU type of electrical connection for load-side outgoing feeder 22 x (10 10 AWG), 1x (10 2 AWG) CU type of electrical connection for load-side outgoing feeder 75 °C CU Screw-type terminals Stringer value (10 in f) for load-side outgoing feeder 75 °C temperature of the conductor for load-side outgoing feeder 75 °C CU Screw-type terminals Stringer value (10 in f) for load-side outgoing feeder 75 °C type of electrical connection of magnet coil<	 at AC at 60 Hz rated value 	120 120 V
Operating range factor control supply voltage rated value of magnet coll 0.85 1.1 ON-delay time 13 50 ms OFF-delay time 10 21 ms Enclosure Open device (no enclosure) design of the housing NA Mounting/wiring NA mounting position Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque (lbfni) for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 24 (10 10 AWG), 1x (10 2 AWG) type of electrical connection for load-side outgoing feeder 27 °C material of the conductor for supply CU type of electrical connection for load-side outgoing feeder 27 °C material of the conductor for load-side outgoing feeder 27 °C material of the conductor for load-side outgoing feeder 27 °C material of the conductor for load-side outgoing feeder 27 °C material of the conductor for load-side outgoing feeder 27 °C material of the conductor for load-side outgoing feeder 27	apparent pick-up power of magnet coil at AC	326 VA
magnet coll 13 50 ms ON-delay time 13 50 ms OFF-delay time 10 21 ms Enclosure Open device (no enclosure) 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-kype terminals tightening torque [lbf:in] for supply 26 39 lbf:in Vype of electrical connection for supply maximum permissible 75 °C rametrial of the conductor for supply maximum permissible 75 °C rol cashide single or multi-stranded 2k (10 1/0 AWG), 1x (10 2 AWG) tightening torque [lbf:in] for load-side outgoing feeder 26 39 lbf:in type of electrical connection for load-side outgoing feeder 26 39 lbf:in type of electrical connection for load-side outgoing feeder 26 39 lbf:in type of electrical connection for load-side outgoing feeder 27 °C maximum permissible 75 °C maximum permissible 75 °C maximum permissible	apparent holding power of magnet coil at AC	22 VA
OFF-defay time 10 21 ms Enclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) 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 [Ubrin] for supply 26 39 lbrin VWG cables single or multi-stranded Zx (10 1/0 AWG), 1x (10 2/0 AWG) AVWG cables single or multi-stranded Zx (10 1/0 AWG), 1x (10 2/0 AWG) VPG of connectable conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 26 39 lbFin Vpe of electrical connection for load-side outgoing feeder 26 39 lbFin Vpe of electrical connection for load-side outgoing feeder 26 39 lbFin To load side outgoing feeder single or multi-stranded Zx (10 1/0 AWG), 1x (10 2 AWG) To load side outgoing feeder single or multi-stranded Zx (20 16 AWG), 2x (18 14 AWG) To conclable conductor for load-side outgoing feeder Zx (20 16 AWG), 2x (18 14 AWG) Vpe of electrical connection at contactor for auxiliary contacts 7 10		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 electrical connection for supply voltage line-side Serew-type terminals tightening torque [bf/in] for supply 26 30 lb/in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded 75 °C material of the conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 26 39 lb/in type of electrical connectable conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 26 39 lb/in type of electrical connectable conductor for load-side outgoing feeder 26 39 lb/in type of electrical connection of magnet coil 75 °C material of the conductor for load-side outgoing feeder CU type of connectable conductor for load-side outgoing feeder CU type of connectable conductor for load-side outgoing feeder CU type of connectable conductor cross-sections of magnet coil 7 10 lb/in type of connectable conductor at magnet coil<	ON-delay time	13 50 ms
degree of protection NEMA rating of the enclosure Open device (no enclosure) 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 [Ibf in] for supply 28 39 Ibf in type of connectable conductor cross-sections at line-side for 2x (10 1/0 AWG), 1x (10 2/0 AWG) AWG cables single or multi-stranded 2x (10 1/0 AWG), 1x (10 2/0 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply collage line-side outgoing feeder 28 39 Ibf in type of electrical connection for load-side outgoing feeder 28 39 Ibf in type of connectable conductor cross-sections for AWG cables 75 °C material of the conductor for load-side outgoing feeder 28 (10 1/0 AWG), 1x (10 2 AWG) type of electrical connection of magnet coil 5crew-type terminals tightening torque [Ibf in] at magnet coil 75 °C material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coil 75 °C tightening torque [Ibf in] at magnet coil 7 10 Ibf in type of electrical connection of magnet coil 2x (20 16 AWG), 2x (18 14 AWG) type	OFF-delay time	10 21 ms
design of the housing NA Mounting/wiring	nclosure	
Mounting/wiring mounting position Vertical fastering method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [bt/in] for supply 28 temperature of the conductor cross-sections at line-side for 2x (10 1/0 AWG), 1x (10 2/0 AWG) 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 28 39 Ibf/in type of connectable conductor for load-side outgoing feeder 28 39 Ibf/in type of connectable conductor for load-side outgoing feeder 28 39 Ibf/in type of electrical connection for load-side outgoing feeder 20 310 Ibf/in type of electrical connection for load-side outgoing feeder 20 310 Ibf/in type of electrical connection of magnet coll 5 °C maximum permissible 75 °C material of the conductor for load-side outgoing feeder 20 1/0 AWG), 1x (10 2 AWG) type of electrical connection of magnet coll 75 °C type of connectable conductor for load-side outgoing feeder 22 (20 16 AWG), 2x (18 14 AWG) type of connectable c	degree of protection NEMA rating of the enclosure	Open device (no enclosure)
mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply 26 39 lbF in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded 2x (10 1/0 AWG), 1x (10 2/0 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply CU type of connectable conductor ross-sections for AWG cables 2x (10 1/0 AWG), 1x (10 2 AWG) tightening torque [lbf-in] for load-side outgoing feeder 26 39 lbF in type of connectable conductor for supply CU type of connectable conductor for load-side outgoing feeder 2x (10 1/0 AWG), 1x (10 2 AWG) tor load-side outgoing feeder 2x (10 1/0 AWG), 1x (10 2 AWG) tor load-side outgoing feeder CU type of electrical connection for load-side outgoing feeder CU type of electrical connection for magnet coil 7 10 lbF in type of connectable conductor at magnet coil 7 10 lbF in type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Screw-type terminals	design of the housing	NA
fastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideScrew-type terminalstightening torque [lbf in] for supply26 39 lbf intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded2x (10 1/0 AWG), 1x (10 2/0 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder26 39 lbf intype of electrical connection for load-side outgoing feeder26 39 lbf intype of connectable conductor for load-side outgoing feeder26 39 lbf intype of connectable conductor for load-side outgoing feeder26 39 lbf intype of connectable conductor for load-side outgoing feeder26 39 lbf intype of electrical connection of magnet coil2x (10 1/0 AWG), 1x (10 2 AWG)temperature of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coil75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coil7 10 lbf intype of electrical connector of magnet coil7 10 lbf intype of electrical connector at magnet coilCUAWG cables single or multi-stranded75 °Ctemperature of the conductor for auxiliary contacts7 10 lbf intype of electrical connection at contactor for auxiliary contacts7 10 lbf intype of electrical connection at contactor for auxiliary contacts7 10 lbf intype of electrical connection at con	lounting/wiring	
type of electrical connection for supply voltage line-sideScrew-type terminalstightening torque [lbf:in] for supply26 39 lbf:intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded2x (10 1/0 AWG), 1x (10 2/0 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder26 39 lbf:intype of electrical connectable conductor cross-sections for AWG cables for load-side outgoing feeder28 39 lbf:intype of connectable conductor for load-side outgoing feeder28 39 lbf:intype of connectable conductor for load-side outgoing feeder28 39 lbf:intype of connectable conductor for load-side outgoing feeder28 10 1/0 AWG), 1x (10 2 AWG)tightening torque [lbf:in] for load-side outgoing feeder28 10 1/0 AWG), 1x (10 2 AWG)temperature 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 coil7 10 lbf:intype of electrical connection at contactor for auxiliary contacts75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Ctype of electrical connection at contactor for auxiliary contacts7 10 lbf:intype of electrical connection at contactor f	mounting position	Vertical
tightening torque [lbf:in] for supply26 39 lbf intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded2x (10 1/0 AWG), 1x (10 2/0 AWG)temperature of the conductor for supplyCUtype of electrical connection for load-side outgoing feeder26 39 lbf intightening torque [lbf:in] for load-side outgoing feeder26 39 lbf intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (10 1/0 AWG), 1x (10 2 AWG)temperature of the conductor for load-side outgoing feeder26 39 lbf intype of connectable conductor for load-side outgoing feeder2x (10 1/0 AWG), 1x (10 2 AWG)temperature 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 coil7 10 lbf intype of electrical connection at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsCrew-type terminalstightening torque [lbf:in] at contactor for auxiliary contactsCrew-type terminalstightening torque [lbf:in] at contactor for auxiliary contactsCrew-type terminalstightening torque [lbf:in] at contactor for auxiliary contacts <td>fastening method</td> <td>Surface mounting and installation</td>	fastening method	Surface mounting and installation
InstructionConnectable conductor cross-sections at line-side for AWG cables single or multi-strandedZx (10 1/0 AWG), 1x (10 2/0 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyCUtype of electrical connection for load-side outgoing feeder26 39 lbf intype of connectable conductor for load-side outgoing feeder27 °Ctype of electrical connection for load-side outgoing feeder27 °Ctype of electrical connection for load-side outgoing feeder27 °Ctemperature of the conductor for load-side outgoing feeder27 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederCUtype of connectable conductor rof magnet coll75 °Ctightening torque [lbf-in] at magnet coll7 10 lbf-intype of connectable conductor at magnet coll maximum permissible75 °Ctemperature of the conductor at magnet coll maximum permissible75 °Ctemperature of the conductor at magnet coll maximum permissible75 °Ctemperature of the conductor at magnet coll maximum permissible75 °Ctype of electrical connection at contactor for auxiliary contacts25 °Ctype of connectable conductor cross-sections at contactor for auxiliary contacts22 (20 16 AWG), 22 (18 14 AWG)type of electrical connection at contactor for auxiliary contacts22 (20 16 AWG), 22 (18 14 AWG)type of connectable conductor at contactor for auxiliary contacts22 (20 16 AWG), 22 (18 14 AWG)	type of electrical connection for supply voltage line-side	Screw-type terminals
ÁWG cables single or multi-stranded 75 °C material 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 26 39 lbF in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded 28 (10 1/0 AWG), 1x (10 2 AWG) temperature 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 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 arcs-sections of magnet coil for AWG cables single or multi-stranded 2x (20 16 AWG), 2x (18 14 AWG) temperature of the conductor at magnet coil maximum permissible CU type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [lbF in] at contactor for auxiliary contacts Screw-type terminals type of electrical connection at contactor for auxiliary contacts Screw-type terminals type of electrical connection at contactor for auxiliary contacts Screw-type terminals	tightening torque [lbf·in] for supply	26 39 lbf·in
material of the conductor for supplyCUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder26 39 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (10 1/0 AWG), 1x (10 2 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor of nod-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 coil maximum permissible75 °Catterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Ctightening torque [lbf-in] at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)type of connectable conductor at magnet coilCUtype of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of co		2x (10 1/0 AWG), 1x (10 2/0 AWG)
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder26 39 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (10 1/0 AWG), 1x (10 2 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 cross-sections of magnet coil for AWG cables single or multi-stranded75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contacts75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-strandedCUtype of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts7 0 lbf-intupe of the conductor at contactor for auxiliary contacts75 °Cmaximum	temperature of the conductor for supply maximum permissible	75 °C
tightening torque [lbf-in] for load-side outgoing feeder26 39 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (10 1/0 AWG), 1x (10 2 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder maximum permissibleCUtype of electrical connection of magnet coil7 10 lbf-intype of connectable conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible7 10 lbf-intype of electrical connection at contactor for auxiliary contacts2c (20 16 AWG), 2x (18 14 AWG)tightening torque [lbf-in] at contactor for auxiliary contactsCUtemperature 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 contactsCUtype of connectable conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of the conductor at contactor for auxiliar	material of the conductor for supply	CU
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded2x (10 1/0 AWG), 1x (10 2 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 coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Ctightening torque [lbf-in] at contactor for auxiliary contacts7 10 lbf-intype of electrical connection at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Ctupe of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts	type of electrical connection for load-side outgoing feeder	Screw-type terminals
for load-side outgoing feeder single or multi-strandedTo we have the term is term is the term is the term is the term is the	tightening torque [lbf·in] for load-side outgoing feeder	26 39 lbf in
maximum permissibleC Umaterial 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 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 connectable conductor 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 contacts2x (20 16 AWG), 2x (18 14 AWG)type of connectable conductor at contactor for auxiliary contactsScrew-type terminalstype 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 contacts7 10 lbf-intype of connectable conductor 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 contacts75 °Cmaximum permissibleCUStrew-type terminalstemperature of the conductor at contactor for auxiliary contacts75 °Cmaximum permissibleCUStrew-type terminalstemperature of the conductor at		2x (10 1/0 AWG), 1x (10 2 AWG)
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 10 lbf-intype of connectable conductor at contactor for auxiliary contacts2x (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 contacts7 10 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 contacts75 °Cmaximum permissible75 °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 ratingCU		75 °C
tightening torque [lbf-in] at magnet coil 7 10 lbf-in type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded 2x (20 16 AWG), 2x (18 14 AWG) temperature of the conductor at magnet coil maximum permissible 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 10 lbf-in type of connectable conductor at contactor for auxiliary contacts 7 10 lbf-in type of connectable conductor for auxiliary contacts 7 10 lbf-in type of connectable conductor at contactor for auxiliary contacts 7 10 lbf-in type of connectable conductor at contactor for auxiliary contacts 7 10 lbf-in type of connectable conductor at contactor for auxiliary contacts 75 °C attract of the conductor at contactor for auxiliary contacts 7 10 lbf-in temperature 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 startial of the conductor at contactor for auxiliary contacts 75 °C startia	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-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 10 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 10 lbf-intype of connectable conductor at contactor for auxiliary contacts7 10 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °CawG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature 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 °Cshort-circuit current ratingCU	type of electrical connection of magnet coil	Screw-type terminals
AWG cables single or multi-strandedtemperature 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 10 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 contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUsteril of the conductor at contactor for auxiliary contactsCUShort-circuit current ratingCU	tightening torque [lbf·in] at magnet coil	7 10 lbf·in
permissible CU 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 10 lbf-in type of connectable conductor cross-sections at contactor for 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 U		2x (20 16 AWG), 2x (18 14 AWG)
type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts 7 10 lbf-in type of connectable conductor cross-sections at contactor for 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 2		75 °C
tightening torque [lbf·in] at contactor for auxiliary contacts 7 10 lbf·in 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 2	material of the conductor at magnet coil	CU
type of connectable conductor cross-sections at contactor for 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 maximum permissible 75 °C material of the conductor at contactor for auxiliary contacts CU Short-circuit current rating CU	type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
ÁWG cables for auxiliary contacts single or multi-stranded 75 °C 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 CU	tightening torque [lbf-in] at contactor for auxiliary contacts	7 10 lbf·in
maximum permissible CU material of the conductor at contactor for auxiliary contacts Short-circuit current rating	<u>, , , , , , , , , , , , , , , , , , , </u>	2x (20 16 AWG), 2x (18 14 AWG)
Short-circuit current rating		75 °C
	material of the conductor at contactor for auxiliary contacts	CU
design of the fuse link for short-circuit protection of the main 5kA@600V (Class J 125A max)	hort-circuit current rating	
circuit required	design of the fuse link for short-circuit protection of the main circuit required	5kA@600V (Class J 125A max)
design of the short-circuit trip Thermal magnetic circuit breaker	design of the short-circuit trip	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (lcu)	maximum short-circuit current breaking capacity (lcu)	
• at 240 V 5 kA	• at 240 V	5 kA
• at 480 V 5 kA	• at 480 V	5 kA
• at 600 V 5 kA	• at 600 V	5 kA
certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No. 14	certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No. 14
Further information	urther 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:LEN00E003120C		

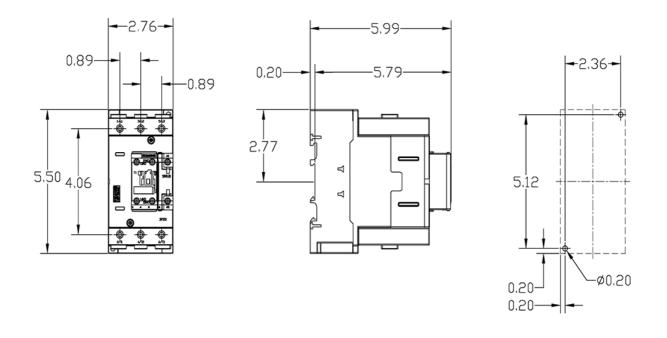
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LEN00E003120C

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:LEN00E003120C&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LEN00E003120C/certificate



last modified:

4/5/2023 🖸