SIEMENS

Data sheet

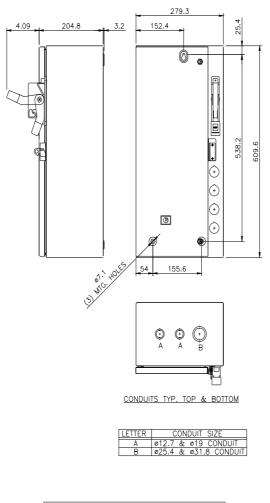
US2:LEFB1C003277B

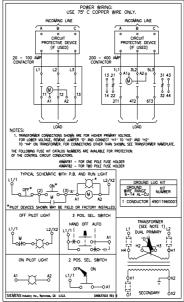


Electrically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 3 N.O. Poles, 277VAC 60HZ coil, Combination type, 30A/600V fusible disconnect, Enclosure NEMA type 1, Indoor general purpose use

product brand name	Class LE
design of the product	Electrically held lighting contactor with fusible disconnect switch
special product feature	Compact design; Finger safe control terminals
General technical data	
weight [lb]	39 lb
Height x Width x Depth [in]	24 × 11 × 8 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	-67 +176 °F
during operation	32 104 °F
ambient temperature	
during storage	-55 +80 °C
during operation	0 40 °C
country of origin	USA
Contactor	
size of contactor	30 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	
 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	1
number of NO contacts at contactor for auxiliary contacts	1
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 • at AC 46 0Hz rated value 277 V apparent pick-up power of magnet coil at AC 97 VA 94 VA operating range factor control supply voltage rated value of 0.85 1.1 magnet coil 0.85 1.1 Disconnect Switch 0.04 / 600V degree of protection NEMA rating of the enclosure NEMA 1 enclosure operating range factor control supply voltage interview NEMA 1 enclosure degree of protection NEMA rating of the enclosure NEMA 1 enclosure degree of protection NEMA rating of the enclosure NEMA 1 enclosure mounting position Vertical fastening method Surface mounting and installation type of enconctable conductor cross-sections at line-side for 1x (14 2 AWG) AWC cables single or multi-stranded Surface mounting and installation type of eichtrical connection 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 CU type of electrical connectin for load-side outgoing feeder 75 °C	
• at AC at 60 Hz rated value 277 V apparent pick-up power of magnet coil at AC 87 VA apparent holding power of magnet coil at AC 9.4 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 Disconnect Switch 0.85 1.1 response value of switch disconnector 30A / 600V degree of protection NEMA rating of the enclosure Class R degree of protection NEMA rating of the enclosure NEMA 1 enclosure design of the housing Indoors, usable on a general basis Mounting/wring mounting position Ype of electrical connection for supply voltage line-side Box kug lightening torque [lbf-in] for supply 35 35 lbF in Ype of electrical connection 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 18 22 lbF in Ype of electrical connection for load-side outgoing feeder 18 22 lbF in Ype of electrical connection for load-side outgoing feeder 18 22 lbF in Ype of electrical connection for load-side outgoing feeder 18 22 lbF in Y	
apparent pick-up power of magnet coil at AC 87 VA apparent holding power of magnet coil at AC 9.4 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 Disconnet Switch 30A / 600V design of fuse holder Class R fuse clips operating class of the fuse link Class R fuse clips degree of protection NEMA rating of the enclosure NEMA 1 enclosure degree of protection NEMA rating of the enclosure NEMA 1 enclosure degree of protection NEMA rating of the enclosure NeMA 1 enclosure mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug gightening torque [bt/in] for supply 35 35 lbf/in type of electrical connection for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 75 °C maximum schele outgoing feeder Sur 4 2 AWG) type of electrical connection for load-side outgoing feeder 2x (16 12 AWG), 2x (14 8 AWG) for load-side outgoing feeder Screw-type terminals tightening torque [bt/in] at magnet coil 7 10 bt/in	
Instruct Indicing power of magnet coil at AC 9.4 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 Disconnect Switch 0.85 1.1 perating transplant of the second	
Image: Control Supply voltage rated value of magnet coll 0.85 1.1 Disconnect Switch 0.85 1.1 response value of switch disconnector 30A / 600V degree of protection NEMA rating of the enclosure Class R fuse clips operating class of the fuse link Class R Enclosure NEMA 1 enclosure degree of protection NEMA rating of the enclosure NEMA 1 enclosure degree of protection NEMA rating of the enclosure NEMA 1 enclosure degree of protection NEMA rating of the enclosure NEMA 1 enclosure mounting writing indoors, usable on a general basis Mounting/writing mounting position Ype of electrical connection for supply voltage line-side Box lug tightening torque [Ibrin] for supply 35 35 Ibrin type of electrical connection for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 18 22 Ibrin 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 (20 16 AWG), 2x (14 8 AWG) Type of connectable conductor for load-side outgoing feeder 2x (20 16 AWG), 2x (14 8 AWG) Type o	
misgonizet Coll Disconnect Switch Disconnect Switch 30A / 600V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosuro MEMA 1 enclosure degree of protection NEMA rating of the enclosure Indoors, usable on a general basis Mounting/wiring Indoors, usable on a general basis Mounting/wiring Surface mounting and installation mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug tightening torque [lbf-in] for supply 35 35 lbf-in type of connectable conductor cors-sections at line-side for AL or CU type of electrical connection for bapply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 18	
response value of switch disconnector 30A / 600V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure Enclosure degree of protection NEMA rating of the enclosure NEMA 1 enclosure degree of protection NEMA rating of the enclosure NEMA 1 enclosure design of the housing indoors, usable on a general basis Mounting yoiting mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug tightening torque [librin] for supply 35 35 librin Vavid cables single or multi-stranded 1x (14 2 AWG) 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 18 22 librin type of electrical connection 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 type of electrical connection for load-side outgoing feeder 75 °C tremperature of the conductor for load-side	
design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure Indoors, usable on a general basis degree of protection NEMA rating of the enclosure NEMA 1 enclosure design of the housing indoors, usable on a general basis Mounting/wiring Vertical mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug tightening torque [Ibf-in] for supply 35 35 Ibf-in type of connectable conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 8 22 Ibf-in type of electrical connectable on 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 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 2x (20 16 AWG), 2x (18 14 AWG)	
operating class of the fuse link Class R Enclosure indoors, usable on a general basis Mounting/wiring indoors, usable on a general basis Mounting/wiring mounting position Yee of electrical connection for supply voltage line-side Box lug tightening torque [lbf-in] for supply S5	
Enclosure NEMA 1 enclosure degree of protection NEMA rating of the enclosure Indoors, usable on a general basis Mounting/wiring indoors, usable on a general basis mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug 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 1x (14 2 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	
degree of protection NEMA rating of the enclosure NEMA 1 enclosure design of the housing indoors, usable on a general basis Mounting/wiring mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug tightening torque [lbf-in] for supply 35, 35 lbf-in 1x (14 2 AWG) AWG cables single or multi-stranded Tx (14 2 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply AL or CU type of connectable 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 CU type of electrical connection of magnet coil 7 10 lbf-in type of electrical connection of magnet coil 7 10 lbf-in type of electrical connection of magnet coil 7 10 lbf-in type of electrical connection of magnet coil 7 10 lbf-in type of electrical connection of magnet coil 7 10 lbf-in type of connectable conductor cross-sections of magnet coil <	
design of the housing indoors, usable on a general basis Mounting/wiring mounting position Yertical Surface mounting and installation type of electrical connection for supply voltage line-side Box lug tightening torque [lbf-in] for supply 35 35 lbf-in type of connectable conductor cross-sections at line-side for 1x (14 2 AWG) AWG cables single or multi-stranded rs ° C material of the conductor for supply maximum permissible 75 °C material of the conductor for supply for load-side outgoing feeder 18 22 lbf in type of connectable conductor rorss-sections for AWG cables 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 18 22 lbf in type of electrical connection 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 7 10 lbf-in type of electrical connecton of magnet coil 7 10 lbf-i	
design of the housing indoors, usable on a general basis Mounting/wiring mounting position mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug 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 1x (14 2 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply feeder Screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder 18 22 lbf-in type of connectable conductor rors-sections for AWG cables 2x (16 12 AWG), 2x (14 8 AWG) for load-side outgoing feeder single or multi-stranded 75 °C maximum permissible 7 10 lbf-in type of electrical connection of magnet coil <td></td>	
Mounting/wiring Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug tightening torque [lbf-in] for supply 35 type of connectable conductor cross-sections at line-side for 1x (14 2 AWG) 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 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 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 for load-side outgoing feeder 75 °C material of the conductor for load-side outgoing feeder CU type of connectable conductor cross-sections of magnet coil for 72 (20 16 AWG), 2x (18 14 AWG) tightening torque [lbf-in] at magnet coil maximum <	
mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug tightening torque [lbf-in] for supply 35 35 lbf-in type of connectable conductor cross-sections at line-side for Ax (14 2 AWG) AWG cables single or multi-stranded 1x (14 2 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 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 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 tightening torque [lbf-in] at magnet coil 7 10 lbf-in type of onnectable conductor cross-sections of magnet coil for 2x (20 16 AWG), 2x (18 14 AWG) AWG cables single or multi-str	
Instants prethodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf in] for supply35 35 lbf intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf in] for load-side outgoing feeder18 22 lbf intype of connectable conductor for load-side outgoing feeder2x (16 12 AWG), 2x (14 8 AWG)for load-side outgoing feederCUtype of electrical connection of load-side outgoing feederCUtype of electrical connection of nad-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 permissible2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor 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 contactsScrew-type terminalstightening torque [lbf in] at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf in] at contactor for auxiliary contactsScrew-type terminals <td></td>	
type of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply35 35 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder18 22 lbf-intype of electrical connection for load-side outgoing feeder18 22 lbf-intype of electrical connector for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder12 AWG), 2x (14 8 AWG)tightening torque [lbf-in] for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder2x (16 12 AWG), 2x (14 8 AWG)type of electrical connection of magnet coil75 °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 feeder22 (20 16 AWG), 2x (14 8 AWG)type of electrical connection of magnet coil7 10 lbf-intype of electrical connector at magnet coil maximum75 °Cmaterial of the conductor at magnet coil maximum<	
InstructionInstructiontightening torque [lbf-in] for supply35 35 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] 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 °Cmaterial of the conductor for load-side outgoing feeder22 (20 16 AWG), 2x (14 14 AWG)type of connectable conductor at magnet coil maximum75 °Cattriation of the conductor at magnet coil maximum75 °Cpermissible75 °Cmaterial of the conductor at magnet coil maximum75 °Cattriation of the conductor at magnet coil maximum75 °Cpermissible75 °Cmaterial of the conductor at magn	
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder18 22 lbf-intype of connectable conductor rorss-sections for AWG cables for load-side outgoing feeder maximum permissible2x (16 12 AWG), 2x (14 8 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder2x (16 12 AWG), 2x (14 8 AWG)type 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 coil75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil7 10 lbf-intype 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	
ÁWG cables single or multi-strandedtemperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype 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 feeder2x (16 12 AWG), 2x (14 8 AWG)temperature 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 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 for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection at contactor for auxiliary contacts75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)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)	
IntervalAL or CUtype 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 connectable conductor cross-sections 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 °Ctype of electrical connection at contactor for auxiliary contacts75 °CXWG cables single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection at contactor for auxiliary contacts75 °Cmaterial of the conductor cross-sections at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contactsY 12 lbf-intype of connectable conductor cross-sections at contactor f	
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 coil maximum permissible75 °Cmaterial of the conductor at magnet coil for AWG cables single or multi-stranded75 °Cfemperature of the conductor at magnet coil maximum permissible75 °Cfemperature of the conductor at magnet coil maximum permissible75 °Cfemperature of the conductor at magnet coil maximum permissible75 °Cfemperature of the conductor at magnet coil2x (20 16 AWG), 2x (18 14 AWG)tightening torque [lbf-in] at contactor for auxiliary contacts5 crew-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)	
tightening 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 coil maximum permissible75 °Cmaterial of the conductor at magnet coil7 10 lbf-intype of connectable conductor at magnet coil for AWG cables single or multi-stranded75 °Cfemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil for permissible2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection 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 connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)	
type 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 coil maximum permissible75 °Cmaterial of the conductor cross-sections of magnet coil2x (20 16 AWG), 2x (18 14 AWG)type of connectable conductor at magnet coil maximum permissible75 °Ctype of electrical connection at contactor for auxiliary contacts75 °Ctype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded7 10 lbf-intype of electrical connection at contactor for auxiliary contacts7 12 AWG), 2x (18 14 AWG)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)	
for load-side outgoing feeder single or multi-stranded75 °Ctemperature 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 permissible2x (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 contactsCUtype of electrical connection at contactor for auxiliary contactsCutightening torque [lbf-in] at contactor for auxiliary contactsX: 20 16 AWG), 2x (18 14 AWG)	
maximum permissibleCUmaterial 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 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)	
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 cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)	
tightening 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 cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)	
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 cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)	
ÁWG cables single or multi-stranded 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 12 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)	
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 12 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)	
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)	
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)	
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)	
AWG cables for auxiliary contacts single or multi-stranded	
temperature of the conductor at contactor for auxiliary contacts 75 °C	
maximum permissible	
material of the conductor at contactor for auxiliary contacts CU	
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J)	
certificate of suitability NEMA ICS 2; UL 508	
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:LEFB1C003277B Service&Support (Manuals, Certificates, Characteristics, FAQs,)	
https://support.industry.siemens.com/cs/US/en/ps/US2:LEFB1C003277B	
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:LEFB1C003277B⟨=en	
Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:LEFB1C003277B/certificate	





D46637003

4/5/2023 🖸

7/24/2023