SIEMENS

Data sheet

US2:LEN01G003240A



300Amp 3-pole NEMA 1 Electrically held 240VAC control voltage

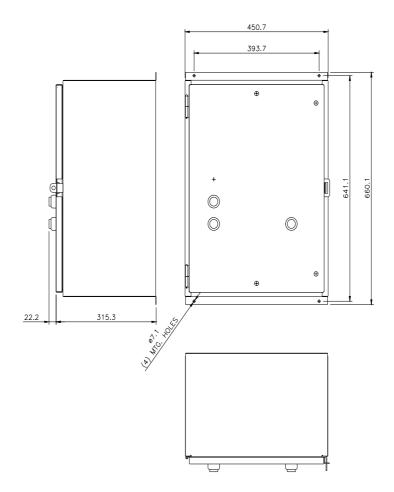
product brand name	Class LE
design of the product	Electrically held lighting contactor
special product feature	Compact design; Finger safe control terminals
General technical data	
weight [lb]	113 lb
Height x Width x Depth [in]	25 × 18 × 13 in
touch protection against electrical shock	NA for enclosed 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	300 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 	300A @277V 1p 1ph
 at tungsten (2 poles per 1 phase) rated value 	300A @480V 2p 1ph
 at tungsten (3 poles per 3 phases) rated value 	300A @480V 3p 3ph
 at ballast (1 pole per 1 phase) rated value 	300A @277V 1p 1ph
 at ballast (2 poles per 1 phase) rated value 	300A @480V 2p 1ph
 at ballast (3 poles per 3 phases) rated value 	300A @480V 3p 3ph
 at resistive load (1 pole per 1 phase) rated value 	300A @600V 1p 1ph
 at resistive load (2 poles per 1 phase) rated value 	300A @600V 2p 1ph
 at resistive load (3 poles per 3 phases) rated value 	300A @600V 3p 3ph
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	2
number of NO contacts at contactor for auxiliary contacts	2
number of total auxiliary contacts maximum	4
contact rating of auxiliary contacts of contactor according to UL Coil	A300 / Q300
type of voltage of the control supply voltage	AC/DC
control supply voltage	

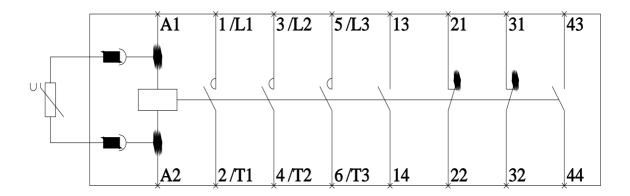
• al AC at 60 Hz rated value220 240 V• al AC at 60 Hz rated value220 240 Vapparet lockup power of magnet coil at AC67 VAapparet lockup power of magnet coil at AC67 VAapparet lockup power of magnet coil at AC685 1.1apparet lockup power of magnet coil at AC685 1.1apparet lockup power of magnet coil at AC685 1.1adige of protection NEMA rating of the enclosureNEMA 1 enclosuredesign of the housingIndors, usable on a general basismounting positionVerticalfastering methodSurface mounting and installationtype of electrical connection for supply voltage line-sideSurface mounting and installationtype of electrical connection for supply woltage line-sideSurface mounting and installationtype of electrical connection for supply maximup permissible75 °Ctype of onenetable conductor for supply maximup permissibleCUtype of electrical connection for load-side outgoing feederStrew-type terminalstype of electrical connection for load-side outgoing feederStrew-type terminalstype of electrical connection for load-side outgoing feederCUtype of electrical connection of magnet coilZ(20 AWG 500 MCM)type of electrical connection of magnet coilStrew-type terminalstype of electrical connection of magnet coilZ(10 AWG 500 MCM)type of electrical connection of magnet coilStrew-type terminalstype of electrical connection of magnet coilZ(10 AWG 500 MCM)type of electrical connection of magn	• at DC rated value	220 240 V
• et AC at 60 Hz rated value220 240 Vapparent holing power of magnet coil at AC590 VAapparent holing power of magnet coil at AC690 VAoperating range factor control supply voltage rated value of magnet coil0.85 1.1degree of protection NEMA rating of the enclosureNEMA 1 enclosuredegree of protection for supply voltage interviewVerticalfastening methodSurface mounting and installationfastening methodSurface Markfastening fastening to multi-standedSurface Marktemperature of the conductor for supply maximum permissibleSurew-type terminalsfastening torque [Pf-in] or supply maximum permissibleSurew-type terminalsfastening torque [Pf-in] fasteningSurew-type terminalsfastening torque [Pf-in] fasteningSurew-type terminalsfastening torque [Pf-in] fasteningSurew-type terminalsfastening torque [Pf-in] stranget coilT 10 In/intype of electrical connecti		
apparent pick-up power of magnet coil at AC 590 VA apparent holding power of magnet coil at AC 6.7 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 design of the housing Indoors, usable on a general basis design of the housing Indoors, usable on a general basis Construction years Vertical fastering method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals type of oncectable conductor ross-sections at line-side for XWG cables single or multi-stranded Screw-type terminals type of oncectable conductor for supply collaging feeder Screw-type terminals type of oncectable conductor for supply maximum permissible 75 °C for load-side outgoing feeder Screw-type terminals type of oncectable conductor for load-side outgoing feeder Screw-type terminals type of oncectable conductor for supply Screw-type terminals type of oncectable conductor for supply or the multi-stranded Screw-type terminals type of oncectable conductor for supply or type or the conductor for supply or type or the conductor for supply or type or type terminals Screw-type terminals type of oncectabl		
apparent holding power of magnet coil at AC 6.7 VA operating range factor control supply voltage rated value of megnet coil 0.851.1 indegree of protection NEMA rating of the enclosure NEMA 1 enclosure design of the housing indoors, usable on a general basis founting writing Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals type of electrical connection for supply maximum permissible 75 °C type of electrical connection for a supply maximum permissible 75 °C type of electrical connection for load-side outgoing feeder 180195 librin type of electrical connection for load-side outgoing feeder 180195 librin type of electrical connection for load-side outgoing feeder 180195 librin type of electrical connection for load-side outgoing feeder 180195 librin type of oonnectable conductor for load-side outgoing feeder 200 AWG500 MCM) type of oonnectable conductor for load-side outgoing feeder 200 AWG500 MCM type of electrical connecton for magnet coil 75 °C type of electrical connecton for nad-side outgoing feeder 200 AWG500 MCM <td></td> <td></td>		
pretring range fector control supply voltage rated value of magnet old 0.85 1.1 degree of protection NEMA rating of the enclosure INEMA 1 enclosure degree of protection NEMA rating of the enclosure INEMA 1 enclosure degree of protection NEMA rating of the enclosure INEMA 1 enclosure degree of protection NEMA rating of the enclosure INEMA 1 enclosure degree of protection NEMA rating of the enclosure INEMA 1 enclosure degree of protection NEMA rating of the enclosure INEMA 1 enclosure degree of protection NEMA rating of the enclosure Vertical fastening method Surface mounting and installation type of encectible conductor rors-sections at line-side for XVG acies single or mult-standed Screw-type terminals tightening torque [bt/in] for load-side outgoing feeder Screw-type terminals tightening torque [bt/in] for load-side outgoing feeder Screw-type terminals tightening torque [bt/in] for load-side outgoing feeder CU type of electrical connection of magnet coll Screw-type terminals tightening torque [bt/in] at magnet coll Screw-type terminals tightening torque [bt/in] at magnet coll Screw-type terminals tightening torque [bt/in] at magnet coll <t< td=""><td></td><td></td></t<>		
mignet foil NEW Construction nclosure indors, usable on a general basis design of the bousing indors, usable on a general basis nounling position Vertical fastening method Surface mounting and installation type of electrica connection for supply voltage line-side Screw-type terminates tightening lorque [lbf:h] for supply 180 195 lbf:h type of connectable conductor for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 2x (2/0 AWG 500 MCM) tightening lorque [lbf:h] for tasd-side outgoing feeder 180 195 lbf:hi type of connectable conductor for supply CU CU type of connectable conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 180 195 lbf:hi type of concretable conductor conselections of mAVG cables 2x (2/0 AWG 500 MCM) type of electrical connection of load-side outgoing feeder 180 195 lbf:hi type of one chables conductor for load-side outgoing feeder 2x (2/0 AWG 500 MCM) type of one chables conductor or some sections of magnet coil for 7 10 lbf:in 2x (18 14 AWG) YWG		
degree of protection NEMA rating of the enclosure NEMA 1 enclosure design of the housing indoors, usable on a general basis orunting withing mounting position Vertical fastening method Surface mounting and installation Surface mounting and installation type of electrical connection for supply voltage line-side for AWC cables in surface Surface mounting and installation type of oromectable conductor cross-sections at line-side for AWC cables and 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 180 195 lbf-in type of electrical connection for load-side outgoing feeder 2x (2/0 AWG 500 MCM) transmum permissible 75 °C temperature of the conductor for load-side outgoing feeder 2x (2/0 AWG 500 MCM) transmum permissible 75 °C temperature of the conductor for load-side outgoing feeder 2x (2/0 AWG 500 MCM) type of electrical connection of magnet coil 7 10 lbf/in type of electrical connection of magnet coil 7 10 lbf/in type of one-ctable conductor cross-sections at contactor for auxiliary contacts 7 10 l		
design of the housing indoors, usable on a general basis fourting/wring indoors, usable on a general basis mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side for AVVG cables single or multi-stranded Surface mounting and installation type of connectable conductor cross-sections at line-side for AVVG cables single or multi-stranded Screw-type terminals type of electrical connection for supply maximum permissible 75 °C material of the conductor for supply maximum permissible Screw-type terminals type of electrical connection for load-side outgoing feeder 180 195 lbrin type of one-ctable conductor or sos-sections for AVVG cables for load-side outgoing feeder single or multi-stranded Screw-type terminals tightening forque [lbrin] for load-side outgoing feeder 75 °C maximum permissible 75 °C maximum permissible 75 °C tightening forque [lbrin] at magnet coll 7 10 lbrin type of electrical connection of magnet coll 7 10 lbrin type of electrical connection at angnet coll 2 10 lbrin type of electrical connactor for auxiliary contacts Screw-type termin	inclosure	
builting wirling Vertical mounting position Vertical fastering method Surface mounting and installation fype of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbFin] for supply 180 195 lbFin Vipe of connectable conductor coses-sections at line-side for 2x (20 AWG 500 MCM) AWG cables single or multi-stranded 2x (20 AWG 500 MCM) temperature of the conductor for supply CU type of electrical connection for load-side outgoing feeder 3crew-type terminals tightening torque [lbFin] for load-side outgoing feeder 2x (20 AWG 500 MCM) tightening torque [lbFin] for load-side outgoing feeder 2x (20 AWG 500 MCM) tightening torque [lbFin] for load-side outgoing feeder CU type of electrical connection for load-side outgoing feeder CU type of electrical connection for angenet coil 75 °C waximum permissible 75 °C material of the conductor for load-side outgoing feeder CU type of electrical connection for angenet coil 7 10 lbFin type of electrical connection at ongenet coil CU type of connectable conductor	degree of protection NEMA rating of the enclosure	NEMA 1 enclosure
mounting position Vertical fastering method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals Vertical 28 (20 AWG 500 MCM) AWG cables single or multi-stranded 28 (20 AWG 500 MCM) temperature of the conductor for supply maximum permissible 76 °C material of the conductor for supply maximum permissible 28 (20 AWG 500 MCM) type of electrical connection for load-side outgoing feeder 180 195 lbF in type of output lbF in for load-side outgoing feeder 28 (20 AWG 500 MCM) tope of electrical connection for load-side outgoing feeder 28 (20 AWG 500 MCM) tope of electrical connection for load-side outgoing feeder 28 (20 AWG 500 MCM) tope of electrical connection for load-side outgoing feeder 20 (20 AWG 500 MCM) temperature of the conductor 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 at contactor for auxiliary contacts Screw-type terminals tightening torque [lbF in] at magnet coil 7 10 lbF in	design of the housing	indoors, usable on a general basis
Tasening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [IbF in] for supply 180 195 IbF in AWG cables single or multi-stranded Zx (20 AWG 500 MCM) 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 type of electrical connection for load-side outgoing feeder 2x (20 AWG 500 MCM) type of electrical connection for load-side outgoing feeder 2x (20 AWG 500 MCM) type of electrical connection of nead-side outgoing feeder 2x (20 AWG 500 MCM) type of electrical connection of nead-side outgoing feeder CU type of electrical connection of magnet coll Screw-type terminals tightening torque [IbF in] no tage coll 7 10 IbF in type of electrical connection at enable conductor for auxiliary contacts Screw-type terminals tightening torque [IbF in] no tage coll 7 10 IbF in type of electrical connection at contactor for auxiliary contacts 7 10 IbF in type of electrical connector of auxiliary contacts <td>lounting/wiring</td> <td></td>	lounting/wiring	
type of electrical connection for supply voltage line-side Sorew-type terminals tightening torque [lbf-in] for supply 180 195 lbf-in AWG cables single or multi-stranded 2x (20 AWG 500 MCM) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply maximum permissible Sorew-type terminals temperature of the conductor for supply maximum permissible Sorew-type terminals tightening torque [lbf-in] for load-side outgoing feeder 180 195 lbf-in type of connectable conductor for load-side outgoing feeder 2x (20 AWG 500 MCM) temperature of the conductor for load-side outgoing feeder 2x (20 AWG 500 MCM) material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coll Sorew-type terminals temperature of the conductor at nagnet coll 7 10 lbf-in type of electrical connection at contactor for auxiliary contacts Sorew-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Sorew-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Sorew-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Sorew-type terminals <tr< td=""><td>mounting position</td><td>Vertical</td></tr<>	mounting position	Vertical
lightening torque [lbf:in] for supply 180 195 lbf.in type of connectable conductor cross-sections at line-side for AWC cables single or mult-stranded 2x (2/0 AWG 500 MCM) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 75 °C tightening torque [lbf:in] for load-side outgoing feeder Screw-type terminals tightening torque [lbf:in] for load-side outgoing feeder 2x (2/0 AWG 500 MCM) torp addition of the conductor for load-side outgoing feeder 2x (2/0 AWG 500 MCM) torp addition of the conductor for load-side outgoing feeder 2x (2/0 AWG 500 MCM) type of olectrical connection for load-side outgoing feeder 2x (2/0 AWG 500 MCM) type of olectrical connection of magnet coil Screw-type terminals tightening torque [lbf:in] at magnet coil 7 10 lbf.in type of electrical connection of rawitilary contacts 7 10 lbf.in type of olectrical connection of rawitilary contacts 7 10 lbf.in type of olectrical connection of rawitilary contacts 7 10 lbf.in type of olectrical connection of rawitilary contacts 7 10 lbf.in type of electrical connection of rawitilary contacts 7 10 lbf.in type of electrical connection of	fastening method	Surface mounting and installation
Spe of charles inductor cross-sections at line-side for AVG cables single or multi-stranded 2x (2/0 AWG 500 MCM) AVG cables single or multi-stranded 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 2x (2/0 AWG 500 MCM) type of electrical connection for load-side outgoing feeder 2x (2/0 AWG 500 MCM) type of electrical connection for load-side outgoing feeder 2x (2/0 AWG 500 MCM) type of electrical connection for load-side outgoing feeder 2x (2/0 AWG 500 MCM) type of electrical connection for load-side outgoing feeder CU type of electrical connection of magnet coil 75 °C type of connectable conductor at magnet coil 75 °C type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [bf-in] at magnet coil 75 °C type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [bf-in] at contactor for auxiliary contacts Screw-type terminals tightening torque [bf-in] at contactor for auxiliary contacts Screw-type terminals	type of electrical connection for supply voltage line-side	Screw-type terminals
ÂVG cables single or multi-stranded K* K* K* 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 180 195 Ibfin tightening torque [lbfin] for load-side outgoing feeder 2x (2/0 AWG 500 MCM) for load-side outgoing feeder single or multi-stranded 2x (2/0 AWG 500 MCM) temperature of the conductor for load-side outgoing feeder CU makinum permissible 75 °C makinum permissible 75 °C makerial of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coil Screw-type terminals tightening torque [lbfin] at magnet coil 7 10 lbfin type of onectable conductor rorse-sections of magnet coil for 2x (18 14 AWG) 2x (18 14 AWG) WG cables single or multi-stranded 5° °C material of the conductor at contactor for auxiliary contacts Screw-type terminals type of electrical connection at contactor for auxiliary contacts Screw-type terminals type of onectable conductor at contactor for auxiliary contacts 7 10 lbfin type of auxiliary contacts for auxiliary cont	tightening torque [lbf·in] for supply	180 195 lbf·in
material of the conductor for supply CU type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbrin] for load-side outgoing feeder 180 195 lbrin type of connectable conductor cross-sections for AWG cables 2x (2/0 AWG 500 MCM) temperature of the conductor for load-side outgoing feeder 2x (2/0 AWG 500 MCM) material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coll Screw-type terminals tightening torque [lbrin] at magnet coll 7 01 lbrin type of electrical connection at magnet coll 7 01 lbrin type of electrical connection at magnet coll CU type of electrical connection at magnet coll CU type of electrical connection at magnet coll CU type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [lbrin] at contactor for auxiliary contacts 7 10 lbrin type of connectable conductor at magnet coll CU type of connectable conductor for auxiliary contacts 7 10 lbrin type of connectable conductor for auxiliary contacts 7 10 lbrin type of connectable conductor for auxiliary contacts 7 10 lbrin	51	2x (2/0 AWG 500 MCM)
type of electrical connection for load-side outgoing feeder Screw-type terminals tightening torque [lbf in] for load-side outgoing feeder 180 195 lbf in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder 2x (2/0 AWG 500 MCM) temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible 75 °C material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coil 5 crew-type terminals tightening torque [lbf in] at magnet coil 7 10 lbf-in type of connectable conductor cross-sections of magnet coil 7 10 lbf-in type of electrical connection at magnet coil 7 10 lbf-in type of electrical connection at contactor for auxiliary contacts Screw-type terminals toget of the conductor at magnet coil CU type of electrical connection at contactor for auxiliary contacts Screw-type terminals toget of auxiliary contacts single or multi-stranded 2x (18 14 AWG) type of electrical connection at contactor for auxiliary contacts 7 10 lbf-in type of electrical conductor at contactor for auxiliary contacts 7 10 lbf-in type of auxiliary contacts single or mult	temperature of the conductor for supply maximum permissible	75 °C
tightening torque [lbf-in] for load-side outgoing feeder 180 195 lbf-in type of connectable conductor cross-sections for AVVG cables for load-side outgoing feeder maximum permissible 75 °C material of the conductor for load-side outgoing feeder 75 °C type of electrical connection of magnet coil Screw-type terminals type of electrical connection of magnet coil 75 °C XWG cables single or multi-stranded 75 °C tightening torque [lbf-in] at magnet coil Screw-type terminals type of electrical connection of magnet coil 7 10 lbf-in type of electrical connection of magnet coil 75 °C aderstande 75 °C material of the conductor at magnet coil 7 10 lbf-in type of electrical connection at contactor for axiliary contacts Screw-type terminals type of electrical connection at contactor for axiliary contacts Screw-type terminals type of electrical connection set contactor for axiliary contacts 7 10 lbf-in type of electrical connector for axiliary contacts 75 °C material of the conductor at contactor for axiliary contacts 75 °C temperature of the conductor at contactor for axiliary contacts 75 °C material of the conductor at contactor for axiliary contacts	material of the conductor for supply	CU
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded 2x (2/0 AWG 500 MCM) temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C material of the conductor for load-side outgoing feeder CU type of connectable conductor of load-side outgoing feeder CU type of onectable conductor of load-side outgoing feeder CU type of connectable conductor and angent coil 7 10 lbf-in XWG cables single or multi-stranded 2x (18 14 AWG) material of the conductor at magnet coil CU type of onectable conductor for auxiliary contacts Screw-type terminals material of the conductor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts CU type of onnectable conductor at cont	type of electrical connection for load-side outgoing feeder	Screw-type terminals
for load-side outgoing feeder single or multi-stranded 75 °C material of the conductor for load-side outgoing feeder CU type of electrical connection of magnet coll Screw-type terminals tightening torque [[bf-in] at magnet coll 7 10 lbf-in type of connectable conductor at magnet coll or AWG cables single or multi-stranded 2x (18 14 AWG) two coulds single or multi-stranded CU temperature of the conductor at magnet coll or awiliary contacts Screw-type terminals type of electrical connection at contactor for auxiliary contacts Screw-type terminals type of connectable conductor at contactor for auxiliary contacts Screw-type terminals type of connectable conductor at contactor for auxiliary contacts Screw-type terminals type of connectable conductor at contactor for auxiliary contacts Screw-type terminals type of connectable conductor at contactor for auxiliary contacts Screw-type terminals type of connectable conductor at contactor for auxiliary contacts Screw-type terminals type of connectable conductor at contactor for auxiliary contacts Screw-type terminals type of connectable conductor at contactor for auxiliary contacts Screw-type terminals totach the conductor at contactor for auxiliary contacts	tightening torque [lbf·in] for load-side outgoing feeder	180 195 lbf·in
maximum permissible CU material of the conductor for load-side outgoing feeder CU type of onnectable conductor arros-sections of magnet coil for 7 10 lbf-in type of onnectable conductor at magnet coil maximum 75 °C permissible CU type of onnectable conductor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] 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 Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts 7 10 lbf-in type of onnectable conductor at contactor for auxiliary contacts 7 10 lbf-in type of auxiliary contacts single or multi-stranded 2x (18 14 AWG) two for auxiliary contacts for auxiliary contacts 7 10 lbf-in type of auxiliary contacts for auxiliary contacts 7 10 lbf-in type of auxiliary contacts for auxiliary contacts 75 °C maximum permissible CU tort-circuit current rating CU besign of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 400A max) etaign of the short-circu		2x (2/0 AWG 500 MCM)
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 (18 14 AWG)amterial 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 (18 14 AWG)AWG cables for auxiliary contacts single or multi-stranded2x (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 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts70 °Cbort-circuit current rating100kA@600V (Class J 400A max)design of the fuse link for short-circuit protection of the main circuit required100 kAet at 240 V100 kAet 480 V100 kAet 480 V100 kAet 480 V100 kAet 480 V24 kAcertificate of suitabilityNEMA ICS 2; UL 508utter information100 kA		75 °C
inghtening torque [lbf:in] at magnet coil7 10 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (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 magnet coilCUtype of connectable 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 auxiliary contacts7 10 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 contactsCUthere is bort-circuit protection of the main circuit required100kA@600V (Class J 400A max)design of the fuse link for short-circuit protection of the main circuit required100 kAedsign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit trip100 kAe at 240 V100 kAe at 800 V100 kAe at 800 V42 kAcertificate of suitabilityNEMA ICS 2; UL 508uther information	material of the conductor for load-side outgoing feeder	CU
AWG cables single or multi-stranded 2x (18 14 AWG) AWG cables single or multi-stranded 75 °C 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 the conductor at contactor for auxiliary contacts 7 10 lbf·in type of the conductor at contactor for auxiliary contacts 7 10 lbf·in type of the conductor at contactor for auxiliary contacts 7 10 lbf·in twpe of the conductor at contactor for auxiliary contacts 7 10 lbf·in twpe of the conductor at contactor for auxiliary contacts CU material of the conductor at contactor for auxiliary contacts CU hort-circuit current rating 100kA@600V (Class J 400A max) circuit required 100 kA design of the fuse link for short-circuit protection of the main circuit trequired 100 kA i at 240 V 100 kA i at 240 V 100 kA i at 800 V 42 kA certificate of suitability <td>type of electrical connection of magnet coil</td> <td>Screw-type terminals</td>	type of electrical connection of magnet coil	Screw-type terminals
AWG cables single or multi-stranded 75 °C 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 at contactor for auxiliary contacts 7 10 lbf-in type of the 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 the conductor at contactor for auxiliary contacts 7 10 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 CU hort-circuit current rating 100kA@600V (Class J 400A max) design of the fuse link for short-circuit protection of the main circuit required 100 kA design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (lcu) 100 kA	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 (18 14 AWG) temperature of the conductor at contactor for auxiliary contacts 75 °C material of the conductor at contactor for auxiliary contacts CU hort-circuit current rating CU design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 400A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit trip 100 kA e at 480 V 100 kA e at 480 V 100 kA e at 480 V 100 kA e at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508		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 cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUthere information100kA@600V (Class J 400A max)design of the fuse link for short-circuit protection of the main circuit required100kA@600V (Class J 400A max)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu) • at 240 V100 kAat 480 V • at 600 V100 kAcertificate of suitabilityNEMA ICS 2; UL 508urther informationNEMA ICS 2; UL 508		75 °C
Initial display in the short-circuit current breaking capacity (Icu)7 10 lbf-inexit 240 V100 kAexit 240 V100 kA <td>material of the conductor at magnet coil</td> <td>CU</td>	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 (18 14 AWG) AWG cables for auxiliary contacts single or multi-stranded 75 °C maximum permissible 75 °C material of the conductor at contactor for auxiliary contacts CU hort-circuit current rating CU design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 400A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 100 kA • at 240 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508 urther information 100 kA	type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
AWG 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 hort-circuit current rating CU design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 400A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 100 kA • at 480 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508	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 CU hort-circuit current rating 100kA@600V (Class J 400A max) design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 400A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 100 kA • at 240 V 100 kA • at 480 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508 urther information Imagination		2x (18 14 AWG)
hort-circuit current rating design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 400A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 240 V 100 kA • at 480 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508		75 °C
design of the fuse link for short-circuit protection of the main circuit required 100kA@600V (Class J 400A max) design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 240 V 100 kA • at 480 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508 urther information Information	material of the conductor at contactor for auxiliary contacts	CU
circuit required Thermal magnetic circuit breaker design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 100 kA • at 240 V 100 kA • at 480 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508	hort-circuit current rating	
maximum short-circuit current breaking capacity (Icu) 100 kA • at 240 V 100 kA • at 480 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508	5	100kA@600V (Class J 400A max)
• at 240 V 100 kA • at 480 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508 urther information V	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V 100 kA • at 600 V 42 kA certificate of suitability NEMA ICS 2; UL 508 urther information V	maximum short-circuit current breaking capacity (Icu)	
	• at 240 V	100 kA
certificate of suitability NEMA ICS 2; UL 508 urther information Image: Constraint of the second se	• at 480 V	100 kA
urther information	• at 600 V	42 kA
	certificate of suitability	NEMA ICS 2; UL 508
Industrial Controls - Product Overview (Catalogs, Brochures,)	urther information	
	Industrial Controls - Product Overview (Catalogs, Brochures,.)
Industry Mall (Online ordering system)	https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb	<u>=US2:LEN01G003240A</u>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LEN01G003240A 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:LEN01G003240A&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LEN01G003240A/certificate





LEN00F G & H Wiring Diagram

D38309006

7/22/2023