SIEMENS

Data sheet US2:14BUC32AJ



Non-reversing motor starter Size 00 Three phase full voltage Solid-state overload relay OLRelay amp range 3-12A 24VAC 50-60HZ coil Combination type No enclosure

product brand name	Class 14
design of the product	Full-voltage non-reversing motor starter
special product feature	ESP200 overload relay
General technical data	
weight [lb]	3 lb
Height x Width x Depth [in]	7.44 × 5.75 × 3.75 in
touch protection against electrical shock	Not finger-safe
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
during storage	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
during storage	-30 +65 °C
during operation	-20 +40 °C
country of origin	Mexico
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	1.5 hp
• at 220/230 V rated value	1.5 hp
• at 460/480 V rated value	2 hp
Contactor	
size of contactor	NEMA controller size 00
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	9 A
mechanical service life (operating cycles) of the main contacts typical	10000000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	0
number of NO contacts at contactor for auxiliary contacts	1
number of total auxiliary contacts maximum	8
contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	
 at AC at 50 Hz rated value 	24 V
at AC at 50 Hz rated valueat AC at 60 Hz rated value	24 V 24 V
• at AC at 60 Hz rated value	24 V

promoted coll young of magnet coil related to the input votage of progress of magnet coil related to the input votage of progress of the progr	operating range factor control supply voltage rated value of	0.85 1.1
voltage OFF-delay time OFF-delay tim	<u> </u>	
OPE-day time Overload protection Overload protect		50 %
Overload roley product function Overload protection Overload protection Overload protection Overload roley Overload roley	ON-delay time	19 29 ms
product function • overload protection • symmetry detection • symmetry detection • symmetry detection • symmetry detection • sets function • test function • sets functi	OFF-delay time	10 24 ms
• verificate protection • phase failure detection • pround fault detection • ground fault detection • rest function • lest function • cetsmal reset • No • external reset • No • cetsmal reset • CLASS 57 10 / 20 (factory set) / 30 • adjustable current response value current of the current dependent overload release very properties accurately product feature protective coating on printed circuit board relative repeat accuracy product feature protective coating on printed circuit board very product feature protective coating on printed circuit board very product feature protective coating on printed circuit board very product feature protective coating on printed circuit board very product feature protective coating on printed circuit board very product feature protective coating on printed circuit board very product feature protective coating on printed circuit board very product feature protective coating on printed circuit board very product feature or locations of auxiliary contacts of overload relay • at CA at 600 V • at CA at 2500 V • with single-phase operation at AC rated value • with multi-phase operation of a AC rated value • with multi-phase operation of a AC rated value	Overload relay	
* Asymmetry detection * asymmetry detection * eyround fault detection * eyround fault detection * external reset	product function	
* susymmetry detection * pround fault detection * pround fault detection * test function * obstrain reset * ob	overload protection	Yes
• ground fault detection • est function • est function • external reset No Annual automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overdad release dependent overdad release tripping time at phase-loss maximum 3 s relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay very product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay • at AC at 800 V • at DC at 250 V • with multi-phase operation at AC rated value • with single-phase operation at AC rated value • with multi-phase operation of AC rated value • With multi-	 phase failure detection 	Yes
• test function voternal reset reset function Manual, automatic and remote trip class disubstible current response value current of the current- dependent overload release fripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay • at AC at 800 V • at DC at 250 V Contact rating of auxiliary contacts of overload relay • at AC at 800 V • at DC at 250 V Contact rating of auxiliary contacts of overload relay • with single-phase operation at AC rated value • with multi-phase operation at AC rated	asymmetry detection	Yes
e external reset reset function Manual, automatic and remote trip class CLASS 57/10/20 (factory set)/30 adjustable current response value current of the current- dependent overdoad release tripping time at phase-loss maximum 3 s relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay relative repeat accoracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay et al. AC at 800 V at CA 21 800 V at CA 22 800 V at CA 21 800 V but the state of	ground fault detection	Yes
reset function trip class trip class adjustable current response value current of the current- dependent overfood release triping time at phase-loss maximum 18 a relative repeat accuracy triping time at phase-loss maximum 19 s relative repeat accuracy 11% product feature protective coating on printed-circuit board 1 % removed relative repeat accuracy 1 1% product feature protective coating on printed-circuit board 1 mumber of NC contacts of auxiliary contacts of overload relay 1 mumber of NC contacts of auxiliary contacts of overload relay 1 at AC at 800 V 1 A 1 AC at 800 V 1 A 1 A 1 AC at 800 V 1 A 1 A 1 AC at 800 V 2 AT AC at 800 V 3 AT AC at 800 V 4 AT AC at 800 V 5 A 6 AC 3 AC 8	• test function	Yes
trip class adjustable current response value current of the current- dependent overlioad releases tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board Nes number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay et at Ca t 800 V at DC at 250 V 1A contact rating of auxiliary contacts of overload relay according to with single-phase operation at AC rated value with multi-phase operation of AC rated value wit	external reset	No
adjustable current response value current of the current- dependent overfood release tripping time at phase-loss maximum releative repeat accuracy product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay • at AC at 800 V • at DC at 250 V • with single-phase operation at AC rated value • with multi-phase operation of the enclosure design of the housing mounting position Mounting/wring mounting position fastening method Upper of electrical connection for supply voltage line-side sightening foruge librih for supply 15 yes of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply walking individual properature of the conductor for load-side outgoing feeder stightening torque (librih at magnet coil stype of electrical connection for consessections for AWG cables for load-side outgoing feeder standed temperature of the conductor for standed outgoing feeder stightening torque (librih at magnet coil stype of electrical connection for consessections for AWG cables for load-side outgoing feeder standed outgoing feeder stightening torque (librih at magnet coil stype of electrical connection for consessections of magnet coil for AWG cables for load-side outgoing feeder standed temperature of the conductor at magnet coil stype of electrical connection for the availary contacts significant or sunti	reset function	Manual, automatic and remote
dejendent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board poerational current of auxiliary contacts of overload relay at AC at 600 V at DC at 250 V at DC at 250 V be at 250 V be at 250 V be at DC at	trip class	CLASS 5 / 10 / 20 (factory set) / 30
relative repeat accuracy product feature protective coating on printed-circuit board yes number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay at AC at 500 V at DC at 250 V 1A at DC at 250 V 3A contact rating of auxiliary contacts of overload relay according to UL insulation voltage (UI) with single-phase operation at AC rated value with multi-phase operation at AC rated value gere of protection NEMA rating of the enclosure degree of protection NEMA rating of the enclosure degree of protection of the nousing Mounting/witing mounting position Vertical fastening method Surface mounting and installation fastening method Surface mounting and installation Surface mounting and installation Surface mounting and installation stightening torque [IbF-in] for supply voltage line-side tightening torque [IbF-in] for supply yes of electrical connection for supply maximum permissible temperature of the conductor for supply type of electrical connection for load-side outgoing feeder stightening torque [IbF-in] for load-side outgoing feeder maximum permissible material of the conductor for road-side outgoing feeder maximum permissible material of the conductor for road-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder ship of connectable conductor cross-sections of magnet coil stightening torque [IbF-in] at magnet coil stightening torque [IbF-in] at magnet coil stightening torque [IbF-in] at amagnet coil stightening torque [IbF-in] at cont	·	3 12 A
product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay 1 number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 2 • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to 1 Linsulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 800 V • with multi-phase operation at AC rated value 900 V • with multi-ph	tripping time at phase-loss maximum	
number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay at AC at 600 V at DC at 250 V at	relative repeat accuracy	1 %
number of NO contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to 0LL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase opera	product feature protective coating on printed-circuit board	Yes
e at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL misulation voitage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • work multi-phase operation at AC rated value • with multi-phase operation at AC rated value • we with multi-phase operation at AC rated value • we with multi-phase operation at AC rated value • we with multi-phase operation at AC rated value • we with multi-phase operation at AC rated value • we with multi-phase operation at AC rated value • we visual and installation • we ficial and installation • we ficial and installation • we ficial and installation • we	number of NC contacts of auxiliary contacts of overload relay	1
at AC at 800 V at DC at 250 V at DC at 250 V at DC at 250 V based on a to Carter traing of suxiliary contacts of overload relay according to UL insulation voltage (UI) with single-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value ageree of protection NEMA rating of the enclosure degree of protection NEMA rating of the enclosure Open device (no enclosure) Wertical degree of protection of the bousing NA Mounting-livring Mounting-livring Wertical fastening method Surface mounting and installation strate amounting and installation ype of electrical connection for supply voltage line-side stightening torque [Ib-In] for supply 20 20 lib-In ype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply AL or CU ype of electrical connection for load-side outgoing feeder stightening torque [Ib-In] for load-side outgoing feeder stightening torque [Ib-In] for load-side outgoing feeder tightening torque [Ib-In] for load-side outgoing feeder strond-action of the conductor for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder acting to free conductor for load-side outgoing feeder strond-action of the conductor for load-side outgoing feeder acting torque [Ib-In] at magnet coil type of electrical connection of magnet coil type of electrical connection or magnet coil type of electrical connection or magnet coil type of electrical connection or magnet coil maximum permissible material of the conductor at magnet coil maximum permissible strengerature of the conductor or magnet coil maximum permissible temperature of the conductor or magnet coil maximum permissible temperature of the conductor at contactor for auxiliary contacts tightening torque [Ib-In] at contactor for auxiliary contacts tightening torque [I	number of NO contacts of auxiliary contacts of overload relay	1
• at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (UI) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • one value of the conductor of the one one of the one one of the one of the one one of the one of the one one o	operational current of auxiliary contacts of overload relay	
contact rating of auxiliary contacts of overload relay according to UL • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • one of protection NEMA rating of the 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) Open device (no enclosure) AC Mounting/Wiring 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 AL or CU Type of electrical connection for supply maximum permissible material of the conductor for supply maximum permissible tightening torque (Ibf-in) for load-side outgoing feeder tightening torque (Ibf-in) for load-side outgoing feeder stightening torque (Ibf-in) for load-side outgoing feeder Type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder AL or CU Type of connectable conductor for load-side outgoing feeder AL or CU Type of connectable conductor for load-side outgoing feeder AL or CU Type of connectable conductor for load-side outgoing feeder AL or CU Type of connectable conductor for load-side outgoing feeder AL or CU Type of connectable conductor of load-side outgoing feeder AL or CU Type of connectable conductor cross-sections of magnet coil or screw-type terminals tightening torque (Ibf-in) at magnet coil or screw-type terminals tightening torque (Ibf-in) at magnet coil or awxiliary contacts Screw-type terminals tightening torque (Ibf-in) at contactor for awxiliary contacts Screw-type terminals tightening torque (Ibf-in) at contactor for awxiliary contacts Screw-type terminals 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)		
UL insulation voltage (UI) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method Surface mounting and installation Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply Vertical fastening method Surface mounting and installation Vyer of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for of supply AL or CU type of electrical connection for load-side outgoing feeder Screw-type terminals 1x(14 - 2 AWG) AL or CU type of electrical connection for load-side outgoing feeder Screw-type terminals 1x(14 - 2 AWG) 1x(14 - 2 AWG)	• at DC at 250 V	1 A
with multi-phase operation at AC rated value with multi-phase operation at AC rated value 300 V ### Conclosure degree of protection NEMA rating of the enclosure design of the housing NA ### Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side sightening torque [lbf-in] for supply 20 20 lbf-in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded #### temperature of the conductor for supply maximum permissible #### temperature of the conductor for supply maximum permissible #### temperature of the conductor for supply maximum permissible #### temperature of the conductor for supply maximum permissible #### temperature of the conductor for supply maximum permissible #### temperature of the conductor for subply #### temperature of the conductor for load-side outgoing feeder #### type of electrical connection for load-side outgoing feeder #### type of electrical connection for load-side outgoing feeder #### type of electrical connection of magnet coil ### type of electrical connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded #### temperature of the conductor of load-side outgoing feeder #### type of electrical connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded #### temperature of the conductor at magnet coil maximum permissible ##### temperature of the conductor at magnet coil maximum permissible ######### type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts ###################################		5A@600VAC (B600), 1A@250VDC (R300)
with multi-phase operation at AC rated value Dopen device (no enclosure)	insulation voltage (Ui)	
degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method Surface mounting and installation Sype of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply Vertical Screw-type terminals tightening torque [lbf-in] for supply Vertical Screw-type terminals Vertical Surface mounting and installation Sype of electrical connection for supply voltage line-side for AWG cables single or multi-stranded temperature of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder Vipe of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder Vipe of connectable conductor for load-side outgoing feeder Vipe of connectable conductor for load-side outgoing feeder Vipe of connectable conductor for load-side outgoing feeder To "C Take of the conductor for load-side outgoing feeder AL or CU Vipe of electrical connection of magnet coil Vipe of connectable conductor for load-side outgoing feeder AL or CU Vipe of electrical connection of magnet coil Vipe of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magn	 with single-phase operation at AC rated value 	600 V
degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [IbF in] for supply type of connectable conductor for supply maximum permissible material of the conductor for supply maximum permissible tophen device (no enclosure) Vertical stastening method Surface mounting and installation Vertical fastening method Surface mounting and installation Vertical Screw-type terminals tightening torque [IbF in] for supply Vertical connectable conductor rorse-sections at line-side for AVIV cables single or multi-stranded temperature of the conductor for load-side outgoing feeder Vertical connectable conductor for load-side outgoing feeder Vertical connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder To "C maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil year of the conductor at magnet coil year of the conductor at magnet coil year of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil screw-type terminals tightening torque [IbF in] at contactor for auxiliary contacts type of electrical connection for auxiliary contacts type of connectable conductor cross-sections at contactor for AVIC cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible To "C To	· · · · · · · · · · · · · · · · · · ·	300 V
design of the housing Mounting/wiring mounting position fastening method Surface mounting and installation Stype of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 20 20 lbf-in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible 75 °C material of the conductor for supply maximum permissible tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil counced in a magnet coil counced in the conductor at magnet coil counced in a magnet coil counced in the conductor at magnet coil counced in a magnet coil counced in the conductor at magnet coil counced in a magnet coil counced in the conductor at magnet coil counced in a magnet coil counced in the conductor at magnet coil counced in a magnet coil counced in the conductor at magnet coil counced in a magnet coil counced in the conductor at magnet coil counced in a magnet coil counced in the conductor at magnet coil counced in a m		
mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply 20 20 lbf·in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible tightening torque [lbf·in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder AL or CU type of electrical connection of magnet coil screw-type terminals tightening torque [lbf·in] at magnet coil screw-type terminals tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts type of electrical connection for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts maximum permissible		
mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 20 20 lbf-in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder material of the conductor for magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) AWG cables single or multi-stranded temperature of the conductor at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts maximum permissible 75 °C To Cu type of connectable conductor at contactor for auxiliary contacts 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	degree of protection NEMA rating of the enclosure	
fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder type of connectable conductor for supply type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder AL or CU type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connectable conductor at magnet coil Type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to u. 15 lbf-in type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible	degree of protection NEMA rating of the enclosure design of the housing	
type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring	NA .
tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor at magnet coil type of connectable conductor at magnet coil type of connectable conductor at magnet coil type of connectable conductor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor at magnet coil type of connectable conductor at magnet coil type of connectable conductor of auxiliary contacts type of connectable conductor at ontactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts for C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position	NA Vertical
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible 1x(14 - 2 AWG) 2c. 2 (16 - 12 AWG) 2c. 16 - 12 AWG)	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method	NA Vertical Surface mounting and installation
AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply all type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil screw-type terminals temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible conductor at magnet coil screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side	Vertical Surface mounting and installation Screw-type terminals
material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible 10 15 lbf-in 11 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 12 x (16 - 14 AWG), 2 x (16 - 14 AWG) 13 x (12 AWG), 2 x (16 - 14 AWG) 14 x (12 AWG), 2 x (16 - 14 AWG) 15 °C 15 °C 16 x (12 AWG) 17 or C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in
type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil screw-type terminals To °C CU type of electrical connection of magnet coil for AWG cables or multi-stranded temperature of the conductor at magnet coil maximum permissible To °C CU type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts to contact a contact a contactor for auxiliary contacts to contact a contactor for au	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG)
tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to connectable conductor at contactor for auxiliary contacts maximum permissible 20 20 lbf-in 1x(14 - 2 AWG) 75 °C 2x (16 - 12 AWG) 2x (16 - 14 AWG), 2 x (18 - 16 AWG) 2x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil cut type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to cut type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to cut type of connectable conductor at magnet coil type of connectable conductor at contactor for auxiliary contacts to cut type of connectable conductor at contactor for auxiliary contacts to cut type of connectable conductor at contactor for auxiliary contacts to connectable conductor at contactor for auxiliary contacts to cut type of connectable conductor at contactor for auxiliary contacts to cut type of connectable conductor at contactor for auxiliary contacts to cut type of connectable conductor at contactor for auxiliary contacts to cut type of connectable conductor at contactor for auxiliary contacts to cut type terminals to cut to cut to cut type terminals to cut to cut to cut type terminals to cut to cut type terminals to cut to cut to cut type terminals to cut to	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU
temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil cultivpe of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals
maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible AL or CU screw-type terminals CU CU ty 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in
type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts total contactor for auxiliary contacts 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG)
tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts temperature of the conductor at contactor for auxiliary contacts 75 °C 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG)
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts 75 °C 10 15 lbf·in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG)
AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible 75 °C CU type of electrical connection for auxiliary contacts 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG)
permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible CU screw-type terminals 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG)
type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible screw-type terminals 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU screw-type terminals 5 12 lbf·in 2 x (16 - 12 AWG)
tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU screw-type terminals 5 12 lbf·in 2 x (16 - 12 AWG)
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU screw-type terminals 5 12 lbf·in 2 x (16 - 12 AWG)
AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible 75 °C	design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU
maximum permissible	design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf-in 2 x (16 - 12 AWG) 75 °C CU Screw-type terminals
	design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf-in 2x (16 - 12 AWG) 75 °C CU Screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU Screw-type terminals 10 15 lbf-in
material of the conductor at contactor for auxiliary contacts	degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts	Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 20 21 lbf-in 2 x (16 - 12 AWG) 75 °C CU Screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU Screw-type terminals 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)

type of electrical connection at overload relay for auxiliary contacts	screw-type terminals
tightening torque [lbf-in] at overload relay for auxiliary contacts	7 10 lbf·in
type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded	2 x (20 - 14 AWG)
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
material of the conductor at overload relay for auxiliary contacts	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)
design of the short-circuit trip	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (Icu)	
• at 240 V	14 kA
• at 480 V	10 kA
● at 600 V	10 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
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=US2:14BUC32AJ

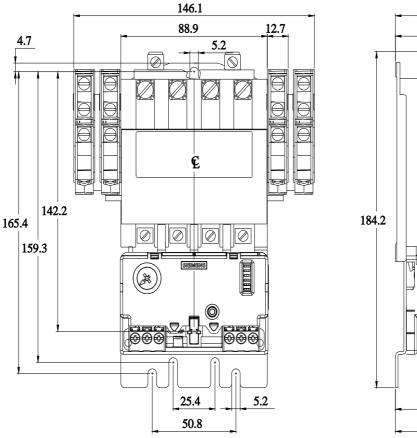
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14BUC32AJ

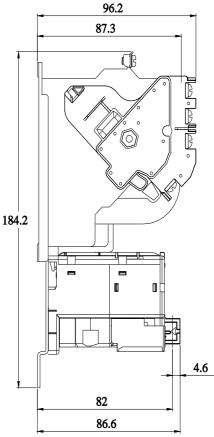
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

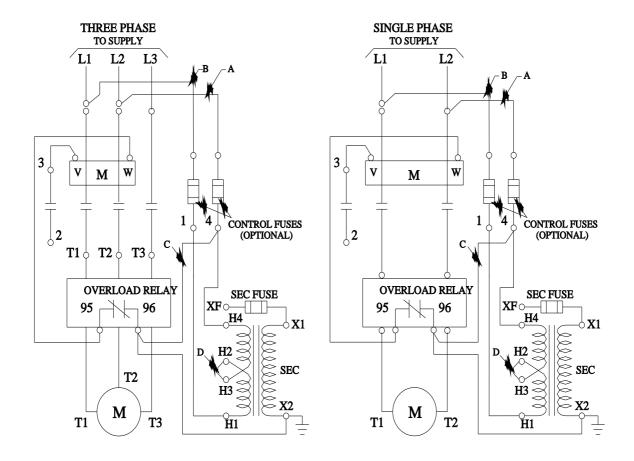
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14BUC32AJ&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14BUC32AJ/certificate







last modified: 11/29/2021 🖸

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

14BUC32AJ