SIEMENS

Data sheet US2:14CUD32FG



Non-reversing motor starter, Size 0, Three phase full voltage, Solid-state overload relay, OLR amp range 5.5-22A, Non-combination type, Enclosure type 4X fiberglass, Water/dust tight noncorrosive, Standard width 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]	14 lb
Height x Width x Depth [in]	15 × 12 × 7 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	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
during storage	-30 +65 °C
during operation	-20 +40 °C
country of origin	USA
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	3 hp
• at 220/230 V rated value	3 hp
Contactor	
size of contactor	NEMA controller size 0
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	18 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 	190 220 V
at AC at 60 Hz rated value	220 240 V
holding power at AC minimum	8.6 W
apparent pick-up power of magnet coil at AC	218 VA
apparent holding power of magnet coil at AC	25 VA
operating range factor control supply voltage rated value of	0.85 1.1

promotal diopout violage of magnet coll related to the input vollage promotal diopout violage of magnet coll related to the input vollage promotal diopout violage of magnet coll related to the input vollage promoted of violage promoted of violage promoted violage	magnet coil	
violage (CN-seesy time 19	magnet coil	EO 9/
ON etitory time OPER dealy rate Overtoad relay product function • phase failure detection • command from the command fr		OU 76
OFF-Idealy line Overload incline overload protection overload protect		19 29 ms
Porduct function • overfactor • phase failure detection • phase failure detection • phase failure detection • phase failure detection • ground fault detection • ground fault detection • cottenal reset • ground fault detection • cottenal reset • yes • cottenal reset • yes • cottenal reset • yes * cottenal reset * Ves * CLASS \$ / 10 / 20 (factory set) / 30 * adjustable current response value current of the current- series function * Sa 22 A * Sa.		
product function • overloads protection • phase failure detection • phase failure detection • phase failure detection • provide full detection • a symmetry detection • a symmetry detection • overland feeder freed function from district feeder		
• privated protection • provided protection • provided factorion • provided fac		
* asymmetry detection * a symmetry detection * a symmetry detection * a symmetry detection * other function * other * other function * other		Yes
• a symmetry delection • ground fault detection • test function • coternal reset • coternal research • c	•	
• ground fault detection • test function • external reset • external rese	'	
*external reset *		
rese function Manual, automatic and remote trip class CLASS 57 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overfoad release tripping time at phase-loss maximum felable repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overfoad relay operational current of auxiliary contacts of overfoad relay animeter of NC contacts of auxiliary contacts of overfoad relay operational current of auxiliary contacts of overfoad relay a NC AC 250 V a NC AC 250 V b NC AC 250 V contact rating of auxiliary contacts of overfoad relay with multi-phase operation at AC rated value design of the housing design of the housing Dust-tight, watertight & corrosion resistant Mounting-writing mounting position Vertical Surface mounting and installation page of electrical connection for supply voltage line-side stiphening torque [bit in for supply pp of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded stiphening torque [bit in for supply pp of connectable conductor cross-sections at sine-side for AWG cables single or multi-stranded stephening torque [bit in for load-side outgoing feeder stiphen of the conductor of road-side		
reset function typ class CLASS 8 7 10 7 20 (factory set) / 30 adjustable current response value current of the current- dependent overfoad releases typing time at phase-loss maximum 3 s relative repeat accuracy 1 1% product feature protective coating on printed-circuit board relative repeat accuracy 1 1% number of NC contacts of auxiliary contacts of overload relay 1 correct of NC contacts of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 2 correct active of auxiliary contacts of overload relay 3 correct active of auxiliary contacts of overload relay 3 correct active of auxiliary contacts of overload relay 3 correct active of auxiliary contacts of overload relay 3 correct active of auxiliary contacts of overload relay 3 correct active of auxiliary contacts of overload relay 3 correct active of auxiliary contacts of overload relay 3 correct active of auxiliary contacts of overload relay 3 correct active of auxiliary contacts 4 correct active of auxiliary contacts 4 correct of auxiliary contacts 4 correct of auxiliary contacts 4 correct of auxiliary contacts 5 correct of auxiliary		
adjustable current response value current of the current depondent overfload release subspining time at phase-loss maximum 3 s s s s s s s s s s s s s s s s s s		- 17
dependent overload release tripping time at phase-loss maximum and the product feature precedure costing on printed-circuit board product feature precedure costing on printed-circuit board product feature protective contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay at AC at 500 V at AC at 500 V but at C at 250 V but at C at 250 V but at C at 250 V but an institution voltage (UI) but with single-phase operation at AC rated value but an institution voltage (UI) but with single-phase operation at AC rated value begine of protection NEMA rating design of the housing Dust-tight, watertight & corrosion resistant Mounting-wining Westical Mounting-wining Vertical Surface mounting and installation yeps of electrical connection for supply voltage line-side fightening torup [fithing for supply ype of onenectable conductor cross-sections at line-side for AUX cables single or multi-stranded temperature of the conductor for supply maximum permissible for load-side outgoing feeder single or multi-stranded surface in the conductor for load-side outgoing feeder maximum permissible per of electrical connection for load-side outgoing feeder maximum permissible per of electrical connector of road-side outgoing feeder maximum permissible per of electrical connector of road-side outgoing feeder maximum permissible per of electrical connector of road-side outgoing feeder maximum permissible per of electrical connector of road-side outgoing feeder maximum permissible per of electrical connector of road-side outgoing feeder maximum permissible for o		
dependent overfload releases tripping 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 et AC at 600 V et DC at 250 V at DC at 250 V at DC at 250 V with single-phase operation at AC rated value with multi-phase operation at AC rated value seagon of the housing Dust-tight, watertight & corrosion resistant Mountary bring in the phase operation at AC rated value seagon of the housing Mountary bring mounting position fastering method Upe of electrical connection for supply voltage line-side type of electrical connection for supply waterdend stightening forcup (bring for supply pipe of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder stight-eng torque (bring for auxiliary contacts by per of electrical connection for load-side outgoing feeder remarkation the conductor for load-side outgoing feeder supple of electrical connection for load-side outgoing feeder remarkation the conductor at load-side outgoing feeder remarkation the conductor at loa		
relative repeat accuracy product feature protective coating on printed-circuit board yes number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 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 at AC rated value • with mul		
product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • with single-phase operation at AC rated value • with multi-phase operation of Vertical degree of protection NEMA rating • degree of protection NEMA rating • degree of protection NEMA rating • Vertical fastening method Mountary mounting position fastening method Uppe of electrical connection for supply voltage line-side ighthening toroug libring 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 waximum permissible material of the conductor for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of electrical o	tripping time at phase-loss maximum	3 s
number of NC contacts of auxiliary contacts of overload relay number of NO 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 with single-phase operation at AC rated value 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 being of the housing design of the housing Userial of the consumer Mounting-position Mounting-p	relative repeat accuracy	1 %
number of NO contacts of auxiliary contacts of overload relay e at AC at 600 V e at DC at 250 V 1 A Contact rating of auxiliary contacts of overload relay according to Ut insulation voltage (Ui) e with single-phase operation at AC rated value e with multi-phase operation at AC rated value ### AC PAC PAC PAC PAC PAC PAC PAC PAC PAC	product feature protective coating on printed-circuit board	Yes
operational current of auxiliary contacts of overload relay • at AC at 500 V • at DC at 259 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 operatio	number of NC contacts of auxiliary contacts of overload relay	1
at AC at 600 V at DC at 250 V but at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL but at DC at 250 V but his insigle- phase operation at AC rated value but his insigle phase operation at AC rated value but his insigle phase of the conductor for load-side outgoing feeder but his insigle phase outgoing f	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 U.I insulation voltage (U) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • Surface mounting and installation • Vertical • Vertica	operational current of auxiliary contacts of overload relay	
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 felous voltage (UI) • with single-phase operation at AC rated value ###	• at AC at 600 V	5 A
Insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • AX, fiber glass • were displaced on the conductor or supply value at the surface of the conductor or supply value at line side of a Xi or Cu • with multi-phase operation at AC rated value • were of electrical connection for load-side outgoing feeder • was on the conductor for load-side outgoing feeder • was on the conductor for load-side outgoing feeder • was on the conductor for load-side outgoing feeder • when the conductor for load-side outgoing feeder • when the conductor for load-side outgoing feeder • when the conductor of load-side out	• at DC at 250 V	1 A
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 Book voltage of protection NEMA rating design of the housing Mounting/wiring mounting position fastening method fastening method surface mounting and installation ype of electrical connection for supply voltage line-side tightening forque [Ibf-in] for supply ype of onenectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible tightening torque [Ibf-in] for load-side outgoing feeder type of olenectable conductor cross-sections for AWG cables for load-side outgoing feeder type of onenectable conductor rors-sections for AWG cables are load-side outgoing feeder type of onenectable conductor for supply AL or CU Sorew-type terminals tightening torque [Ibf-in] for load-side outgoing feeder type of onenectable conductor cross-sections for AWG cables for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder temperature of the conductor for load-side outgoing feeder AL or CU temperature of the conductor for load-side outgoing feeder pype of electrical connection of magnet coil screw-type terminals tightening torque [Ibf-in] at magnet coil ype of electrical connection of magnet coil ype of electrical connection of magnet coil ype of electrical connection of magnet coil screw-type terminals tightening torque [Ibf-in] at magnet coil CU ype of electrical connection for auxiliary contacts screw-type terminals tightening torque [Ibf-in] at contactor for auxiliary contacts screw-type terminals tightening torque [Ibf-in] at contactor for auxiliary contacts for C 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 mate		5A@600VAC (B600), 1A@250VDC (R300)
with single-phase operation at AC rated value 300 V		
with multi-phase operation at AC rated value Enclosure Gegree of protection NEMA rating design of the housing mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lif-in] for supply AL or CU type of electrical connection for supply maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for sugeled outgoing feeder tightening torque [lif-in] at magnet coil type of connectable conductor for supply AL or CU type of connectable conductor for supply material of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder maximum permissible material of the conductor of magnet coil maximum permissible material of the conductor for load-side outgoing feeder material of the conductor of magnet coil maximum permissible material of the conductor of magnet coil material of the conductor of magnet coil maximum permissible material of the conductor of magnet coil for AWG cables single or multi-stranded to screw-type terminals 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 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 permiss		600 V
degree of protection NEMA rating 4X, fiber glass Dust-tight, watertight & corrosion resistant Mounting/wiring mounting position Vertical 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 1x(14 - 2 AWG) material of the conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder 20 20 lbf-in 1x(14 - 2 AWG) type of electrical connection for load-side outgoing feeder 20 20 lbf-in 1x(14 - 2 AWG) material of the conductor for load-side outgoing feeder 20 20 lbf-in 20		300 V
Mounting/wiring mounting position fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals 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 material of the conductor for supply ype of electrical connection for load-side outgoing feeder stype of electrical connection for load-side outgoing feeder temperature of the conductor for supply ype of electrical connection for load-side outgoing feeder stype of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder stype of connectable conductor for load-side outgoing feeder type of electrical connection 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 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 or 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 for "C AUG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts for "C auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts for "C auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts	Enclosure	
mounting position fastening method type of electrical connection for supply voltage line-side Screw-type terminals 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 load-side outgoing feeder screw-type terminals maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder MVG cables single or multi-stranded temperature 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 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 [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible	degree of protection NEMA rating	4X. fiber glass
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 material of the conductor for supply maximum permissible globel for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder screw-type terminals to screw-type terminals to screw-type terminals temperature of the conductor for load-side outgoing feeder screw-type terminals to screw-type terminals tightening torque [lbf-in] at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil or auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts to screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts to screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts to screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts to screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts to screw-type terminals to	GOGIOG OF PROTOCULOTE IN A FAMILY	
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 AL or CU 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 electrical connection of magnet coil 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 contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts for load-side outgoing feeder 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) To *C provide feeder single or multi-stranded temperature of the conductor at contactor for auxiliary contacts for load-side outgoing feeder 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) To *C auximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts for load-side outgoing feeder at load-side out	<u> </u>	
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 material of the conductor for supply maximum permissible material of the conductor for supply AL or CU 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 screw-type terminals tightening torque [lbf-in] at magnet coil screw-type terminals tightening torque [lbf-in] at 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 screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts type of electrical connection for auxiliary contacts type of connectable conductor at magnet coil type of connectable conductor at magnet coil To °C CU Type of electrical connection 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 °C	design of the housing	
tightening torque [lbf-in] for supply ype 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 AL or CU 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 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 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 conductor cross-sections at contactor for AWG cables 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 maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible	design of the housing Mounting/wiring	Dust-tight, watertight & corrosion resistant
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 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 for AWG cables single or multi-stranded temperature of the conductor for load-side outgoing feeder 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 at magnet coil maximum permissible material of the conductor at magnet coil culti-stranded temperature of the conductor at magnet coil culti-stranded temperature of the conductor of or 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 at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts for auxiliary contacts single or multi-stranded tempera	design of the housing Mounting/wiring mounting position	Dust-tight, watertight & corrosion resistant Vertical
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 rorse-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 connectable conductor for load-side outgoing feeder maximum permissible To C To C	design of the housing Mounting/wiring mounting position fastening method	Dust-tight, watertight & corrosion resistant Vertical Surface mounting and installation
temperature of the conductor for supply maximum permissible material of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder tightening torque [Ibf-in] for load-side outgoing feeder type of connectable conductor cross-sections of AWG cables 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 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 at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [Ibf-in] at contactor for auxiliary contacts tightening torque [Ibf-in] at contactor for auxiliary contacts type of connectable conductor at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts tightening torque [Ibf-in] at contactor for auxiliary contacts To "C To	design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side	Dust-tight, watertight & corrosion resistant 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 screw-type terminals tightening torque [lbf-in] at magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil screw-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 material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts 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	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 20 20 lbf-in 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 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 screw-type terminals tightening torque [lbf-in] at magnet coil screw-type terminals to screw-type terminals to screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU type of connectable 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 at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts CU	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	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 cut with the conductor at magnet coil maximum permissible material of the conductor of auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts type of connectable conductor of auxiliary contacts to the conductor at magnet coil cut will be conductor of auxiliary contacts to the conductor of auxiliary contacts auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts 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	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 type of electrical connection of magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil cut type of connectable conductor of auxiliary contacts tightening torque [Ibf-in] at contactor for auxiliary contacts tightening torque [Ibf-in] at contactor for auxiliary contacts tightening torque (Ibf-in] at contactor for auxiliary contacts type of connectable conductor at contactor for auxiliary contacts for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts material of the conductor at contactor for auxiliary contacts material of the conductor at contactor for auxiliary contacts CU	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 screw-type terminals tightening torque [lbf-in] at magnet coil screw-type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil material of the conductor at magnet coil cupe 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 to connectable conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts contactor for auxiliary	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 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 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 material of the conductor at contactor for auxiliary contacts CU	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 maximum permissible material of the conductor at contactor for auxiliary contacts CU screw-type terminals 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C 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 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	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
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 material of the conductor at contactor for auxiliary contacts CU 5 12 lbf-in 2 x (16 - 12 AWG) CU CU cu 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C 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 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	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 maximum permissible material of the conductor at contactor for auxiliary contacts CU 2 x (16 - 12 AWG) CU CU 3 crew-type terminals 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C 75 °C CU CU CU CU CU Type of connectable conductor cross-sections at contactor for auxiliary contacts Type of connectable conductor at contactor for auxiliary contacts CU CU CU CU CU CU CY CO CH CH CH CH CH CH CH CH CH	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)
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 material of the conductor at contactor for auxiliary contacts CU 75 °C 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C CU CU	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)
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 material of the conductor at contactor for auxiliary contacts CU 75 °C 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C 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 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)
material of the conductor at magnet coil type of electrical connection for auxiliary contacts screw-type terminals 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 material of the conductor at contactor for auxiliary contacts CU CU 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C CU CU	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) 75 °C AL or CU screw-type terminals 20 21 lbf-in
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 material of the conductor at contactor for auxiliary contacts CU	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 20 21 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 material of the conductor at contactor for auxiliary contacts CU 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C CU	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 20 21 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 material of the conductor at contactor for auxiliary contacts CU 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C CU	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 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 2
temperature of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts CU	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 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 screw-type terminals
material of the conductor at contactor for auxiliary contacts CU	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 material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for	Dust-tight, watertight & corrosion resistant 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 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU Screw-type terminals 10 15 lbf-in
·	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 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 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 magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material 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 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 screw-type terminals 10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)
	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 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 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	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 Screw-type terminals 10 15 lbf·in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75 °C

contacts	
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,...)

Industry Mall (Online ordering system)

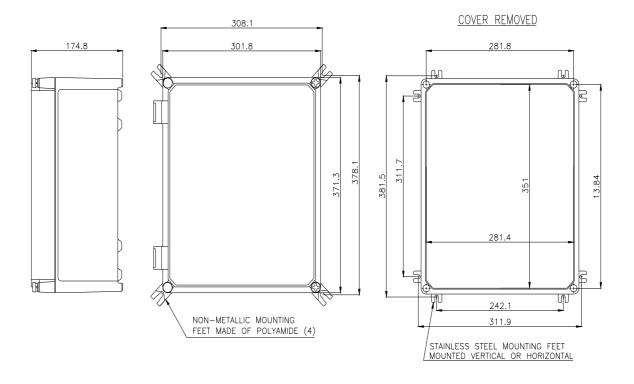
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14CUD32FG

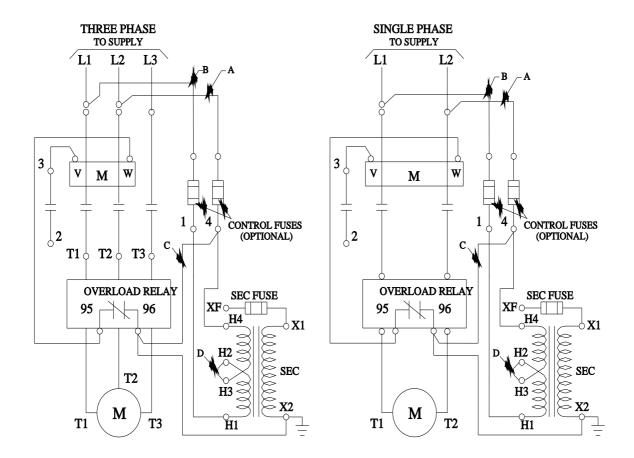
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14CUD32FG

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14CUD32FG&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14CUD32FG/certificate





last modified: 11/29/2021 🖸