## **SIEMENS**

Data sheet US2:14CUA82BC

Non-reversing motor starter Size 0 Three phase full voltage Solid-state overload relay OLRelay amp range 0.25-1A 220-240/440-480VAC 60HZ coil Combination type Indoor general purpose use



product brand name	Class 14	
design of the product	Full-voltage non-reversing motor starter	
special product feature	ESP200 overload relay; Dual voltage coil	
General technical data		
weight [lb]	20 lb	
Height x Width x Depth [in]	20 × 12 × 8 in	
touch protection against electrical shock	(NA for enclosed products)	
installation altitude [ft] at height above sea level maximum	6560 ft	
ambient temperature [°F]		
during storage	-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	0.17 hp	
• at 220/230 V rated value	0.17 hp	
• at 460/480 V rated value	0.33 hp	
● at 575/600 V rated value	0.5 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	345VA@115VAC / 768VA@240VAC	
Coil		
type of voltage of the control supply voltage	AC	
control supply voltage		
at AC at 60 Hz rated value	220 480 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	

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exist function		Yes
reset function trip class  CLASS 5 / 10 / 20 (factory set) / 30  adjustable current response value current of the current-dependent overfoad release tripping time at phase-loss maximum  3 s  relative repeat accuracy tripping time at phase-loss maximum  7 s  relative repeat accuracy product feature pretective coaling on printed-circuit board product resture pretective coaling on printed-circuit board product resture protective coaling on printed-circuit board product feature protective coaling on printed-circuit board product feature protective coaling on printed-circuit board pretend of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay at AC at 600 V at Cla 250 V 5 A at Cla 250 V 5 A at Cla 250 V 5 A contact rating of auxiliary contacts of overload relay according to U.I. Insulation voltage (UI) with single-phase operation at AC rated value with multi-phase operation at AC rated value solve with multi-phase operation at AC rated value solve with multi-phase operation at AC rated value  8 of Cla 250 V 8 of Cla 250 V 9 of Classical Classi	-	Yes
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with single-phase operation at AC rated value with multi-phase operation at AC rated value  ### with multi-phase operation at AC rated value  ### design of the housing ### Mounting/wiring ### mounting position ### fastening method ### Surface mounting and installation ### type of electrical connection for supply voltage line-side ### surface mounting and installation ### type of electrical connection for supply voltage line-side for AWG cables single or multi-stranded ### the conductor for supply ### AL or CU ### 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 ### type of connectable conductor for load-side outgoing feeder ### type of connectable conductor for load-side outgoing feeder ### type of connectable 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 for load-side outgoing feeder ### type of electrical connection for load-side outgoing feeder ### type of electrical connection for magnet coil ### type of electrical connection for 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 for AWG cables single or multi-stranded ### temperature of the conductor at magnet coil ### type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts ### type of connectable conductor at contactor for auxiliary contacts ### type of connectable conductor at tontactor for auxiliary contacts ### type of connectable conductor at contactor for auxiliary contacts ### type of connectable conductor at contactor for auxiliary contacts ### type of connectable c	UL	5A@600VAC (B600), 1A@250VDC (R300)
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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 screw-type terminals  5 12 lbf-in 2 x (16 - 12 AWG)  CU type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil screw-type terminals  10 15 lbf-in 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)  Tx (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)  Tx (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  Vertical Surface mounting and installation Screw-type terminals
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 or 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 cultivation of the conductor of the conductor at magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil cultivation of the conductor of the conductor at magnet coil cultivation of the conductor of the conductor at magnet coil cultivation of the conductor of the conductor of 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 the conductor at contactor for auxiliary contacts  1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in
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 collectrical connection for auxiliary contacts  type of electrical connection of magnet coil maximum permissible  material of the conductor at magnet coil collectrical connection for auxiliary contacts  tightening torque [lbf-in] at contactor for auxiliary contacts  to cu type of electrical connection for auxiliary contacts  to cu type of connectable conductor at magnet coil  type of connectable conductor at contactor for auxiliary contacts  to cu type of connectable conductor or 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 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	Extra-wide NEMA Type 1 Indoor general purpose use  Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG)
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  type of electrical connection of magnet coil for AWG cables 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  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	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG) 75 °C
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  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  75 °C  75 °C	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG)  75 °C AL or CU
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  75 °C  1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  Vertical Surface mounting and installation Screw-type terminals 20 20 lbf-in 1x(14 - 2 AWG)  75 °C AL or CU Screw-type terminals
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  75 °C	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 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  75 °C	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf-in 2 x (14 - 10 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  2 x (16 - 12 AWG)  2 x (16 - 12 AWG)  3 crew-type terminals  10 15 lbf-in  1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)  75 °C	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf·in 2 x (14 - 10 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  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	design of the housing 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	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf-in 2 x (14 - 10 AWG)  75 °C  CU screw-type terminals
permissible  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  75 °C	design of the housing  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 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	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf-in  2 x (14 - 10 AWG)  75 °C  CU  screw-type terminals  5 12 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  75 °C	design of the housing  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 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	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf-in 2 x (14 - 10 AWG)  75 °C  CU screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG)
tightening torque [lbf-in] at contactor for auxiliary contacts  10 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  75 °C	design of the housing  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 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 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	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf-in  2 x (14 - 10 AWG)  75 °C  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  75 °C	design of the housing  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 material of the conductor at magnet coil maximum permissible	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf-in  2 x (14 - 10 AWG)  75 °C  CU  screw-type terminals  5 12 lbf-in  2 x (16 - 12 AWG)
temperature of the conductor at contactor for auxiliary contacts 75 °C	design of the housing  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 type of connectable conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum mermissible material of the conductor at magnet coil	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf-in 2 x (14 - 10 AWG)  75 °C  CU screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG)  75 °C  CU screw-type terminals
maximum permissible	design of the housing  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 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	Extra-wide NEMA Type 1 Indoor general purpose use  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 24 lbf-in 2 x (14 - 10 AWG)  75 °C  CU screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG)  75 °C  CU screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG)

material of the conductor at contactor for auxiliary contacts	CU
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
Approvals Certificates	
Test Certificates	



Industrial Controls - Product Overview (Catalogs, Brochures,...) <a href="https://www.usa.siemens.com/iccatalog">www.usa.siemens.com/iccatalog</a>

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14CUA82BC

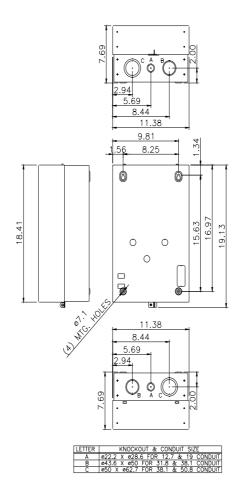
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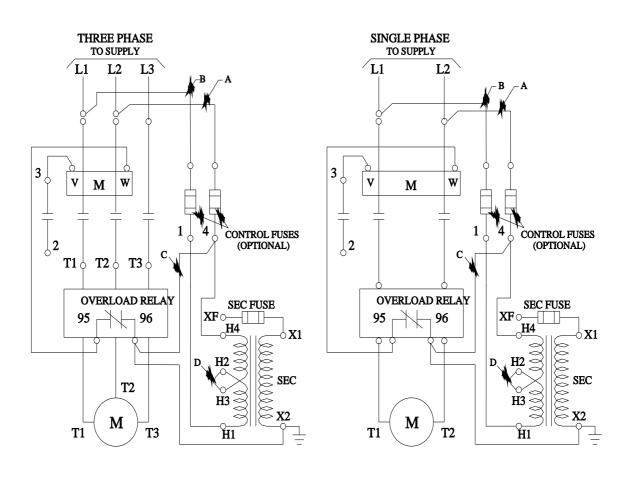
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Certificates/approvals

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