## **SIEMENS**

Data sheet US2:14CUA32AA



Non-reversing motor starter Size 0 Three phase full voltage Solid-state overload relay OLRelay amp range 0.25-1A 110-120/220-240VAC 60HZ coil Combination type No enclosure

Figure similar

design of the product seature ESP200 overload relay; Dual voltage coil Separal product feature ESP200 overload relay; Dual voltage coil Separal product feature ESP200 overload relay; Dual voltage coil Separal Exchinical data  weight [lb] 3 lb Height x Width x Depth [in] 7.44 x 5.75 x 3.75 in Not finger-safe Installation altitude [ft] at height above sea level maximum ambient temperature [*Fi] • during storage • 22 +149 *F • during operation 4 +104 *F  ambient temperature • during storage • 30 +65 *C • during operation 2.20 +40 *C  country of origin Mexico  Mexico  Mexico  Mexico  1.7 hp • at 220/230 Y rated value 0.17 hp • at 220/230 Y rated value 0.17 hp • at 460/480 V rated value 0.33 hp • at 575/500 V rated value 0.5 hp  Size of contactor  number of NO contacts for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value 18 A  mechanical service life (switching cycles) of the main contacts 19 yical  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of voltage of the control supply voltage control supply voltage  for voltage of the control supply voltage control supply voltage	product brand name	Class 14
weight [b] 3 lb Height x Width x Depth [in] 7.44 x 5.75 x 3.75 in touch protection against electrical shock Not finger-safe installation altitude [ft] at height above sea level maximum ambient temperature [°F] 4 uring storage 22 +149 °F • during storage -22 +149 °F • during storage -22 +149 °F • during storage -30 +65 °C • during operation -20 +65 °C • during operation -20 +40 °C country of origin Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 0.17 hp • at 420/203 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 Nethod contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum 100000000  operational current at AC at 600 V rated value 18 A mechanical service life (switching cycles) of the main contacts typical Maxiliary contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contact 1 number of NC contacts 1 number of NC	design of the product	Full-voltage non-reversing motor starter
Height x Width x Depth [in]   7.44 × 5.75 × 3.75 in     Houch protection against electrical shock   Not finger-safe     installation altitude [it] at height above sea level maximum     ambient temperature [it]   • during storage   -22 +149 "F     • during operation   -4 +104 "F     ambient temperature   • during storage   -30 +65 "C     • during operation   -20 +40 "C     country of origin   Mexico     Horsepower ratings     yielded mechanical performance [hp] for 3-phase AC motor     • at 220/228 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     number of NC contacts for main contacts   3     operating voltage for main current circuit at AC at 60 Hz     maximum     operational current at AC at 600 V rated value   18 A     mechanical service life (switching cycles) of the main contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contactor for auxiliary contacts   1     number of NC contacts at contac	special product feature	ESP200 overload relay; Dual voltage coil
Height x Width x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during operation -20 +65 °C • during operation -20 +40 °C  country of origin  Mexico  Mexico  Mexico  Mexico   1 200/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 450/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • outs of NO contacts for main contacts size of contactor  number of NO contacts for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  ACC	General technical data	
installation altitude [It] at height above sea level maximum ambient temperature ["F]  • during storage • during storage • during operation ambient temperature • during storage • during operation ambient temperature • during storage • during operation - 20 +40 "C  country of origin  Mexico  Mexico  Mexico  Mexico  Mexico  1.7 hp • at 220/230 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 600 V rated value • at 600 V rated value  Inumber of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for aux	weight [lb]	3 lb
installation altitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during operation • during storage • during operation • during storage • during operation • 20 +40 °C  country of origin  Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 4675/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value  Size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  nechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contacts of contactors number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary co	Height x Width x Depth [in]	7.44 × 5.75 × 3.75 in
ambient temperature [*F]  • during storage • during operation  ambient temperature  • during storage • during operation  • during storage • during operation  • during storage • during operation  Country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value  Indicator  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  Indicator  18 A  10000000  18 A  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	touch protection against electrical shock	Not finger-safe
<ul> <li>during storage</li> <li>during operation</li> <li>during operation</li> <li>during storage</li> <li>during operation</li> <li>20 +65 °C</li> <li>during operation</li> <li>20 +40 °C</li> </ul> Country of origin Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>o.33 hp</li> <li>at 575/600 V rated value</li> <li>o.5 hp</li> </ul> Contactor <ul> <li>size of contactor main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operating service life (switching cycles) of the main contacts typical</li> </ul> Auxiliary contact <ul> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> <li>Coil</li> <li>type of voltage of the control supply voltage</li> </ul> AC	installation altitude [ft] at height above sea level maximum	6560 ft
during operation     ambient temperature     during operation     during operation     during operation     during operation     country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     at 200/208 V rated value     at 200/208 V rated value     at 460/480 V rated value     at 4575/600 V rated value     o.33 hp     at 4575/600 V rated value     o.5 hp  Contactor  size of contactor  number of NO contacts for main current circuit at AC at 60 Hz maximum  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	ambient temperature [°F]	
ambient temperature  • during storage  • during operation  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  0.17 hp  • at 675/600 V rated value  0.5 hp  Contactor  size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of voltage of the control supply voltage  AC	<ul><li>during storage</li></ul>	-22 +149 °F
• during storage     • during operation     20 +40 °C     country of origin     Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     • at 200/208 V rated value     • at 220/230 V rated value     • at 4575/600 V rated value     • at 4575/600 V rated value     • at 575/600 V rated value     • Size of contactor  number of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  18 A  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contacts for contacts maximum  8 contact rating of auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage  AC	during operation	-4 +104 °F
• during operation     country of origin     Mexico  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     • at 200/208 V rated value     • at 420/230 V rated value     • at 460/480 V rated value     • at 575/600 V rated value     • at 575/600 V rated value     ize of contactor  size of contactor  number of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  nechanical service life (switching cycles) of the main contacts typical  Auxillary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	ambient temperature	
country of origin Mexico  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 0.33 hp • at 575/600 V rated value 0.5 hp  Contactor  size of contactor NEMA controller size 0  number of NO contacts for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value 18 A mechanical service life (switching cycles) of the main contacts typical  Auxillary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contacts of contactor according to UL  Coil  type of voltage of the control supply voltage AC	<ul><li>during storage</li></ul>	-30 +65 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value  • o.5 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • 0.5 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts at contactor for auxiliary contacts number of total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	country of origin	Mexico
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<ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>0.33 hp</li> <li>at 575/600 V rated value</li> <li>0.5 hp</li> </ul> Contactor <ul> <li>size of contactor</li> <li>number of NO contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operational current at AC at 600 V rated value</li> <li>mechanical service life (switching cycles) of the main contacts typical</li> </ul> Auxiliary contact <ul> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> </ul> Coil <ul> <li>type of voltage of the control supply voltage</li> </ul> AC <ul> <li>AC</li> </ul> AC <ul> <li>AC</li> </ul> AC <ul> <li>AC <ul> <li>AC</li> </ul> <ul> <li>A (600 V )</li> <li>AC</li> </ul> In (7) A (7)</li></ul>		
at 460/480 V rated value  at 575/600 V rated value  Contactor  size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  coil  type of voltage of the control supply voltage  NEMA controller size 0  3  00 V  1000 V  18 A  10000000  10000000  10000000  10000000	• at 200/208 V rated value	0.17 hp
otatactor     size of contactor     number of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz     maximum     operational current at AC at 600 V rated value     operational service life (switching cycles) of the main contacts typical      Auxiliary contact     number of NC contacts at contactor for auxiliary contacts     number of total auxiliary contacts maximum     contact rating of auxiliary contacts of contactor according to UL      Coil     type of voltage of the control supply voltage      NEMA controller size 0     NEMA controller size 0     1000 V     18 A     10000000     10000000     10000000     100000000	• at 220/230 V rated value	0.17 hp
Size of contactor  Size of contactor  NEMA controller size 0  1000 V  maximum  operation 4	• at 460/480 V rated value	0.33 hp
size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  NEMA controller size 0  3 600 V  10000000  100000000  100000000  1000000	<ul><li>at 575/600 V rated value</li></ul>	0.5 hp
number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  3 600 V 6000	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  600 V  600 V  600 V  600 V  100000000  100000000  100000000000	size of contactor	NEMA controller size 0
maximum operational current at AC at 600 V rated value mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage  18 A  10000000  10000000  10000000  10000000	number of NO contacts for main contacts	3
mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  10000000  10000000  100000000  1000000		600 V
contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  AC	operational current at AC at 600 V rated value	18 A
number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage  O 10A@600VAC (A600), 5A@600VDC (P600)	· · · · · · · · · · · · · · · · · · ·	10000000
number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  1  1  10A@600VAC (A600), 5A@600VDC (P600)  AC	Auxiliary contact	
number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  8  10A@600VAC (A600), 5A@600VDC (P600)  10A@600VAC (A600), 5A@600VDC (P600)	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL  10A@600VAC (A600), 5A@600VDC (P600)  to UL  Coil  type of voltage of the control supply voltage  AC	number of NO contacts at contactor for auxiliary contacts	1
to UL  Coil type of voltage of the control supply voltage  AC	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage AC		10A@600VAC (A600), 5A@600VDC (P600)
37	Coil	
control supply voltage	type of voltage of the control supply voltage	AC
	control supply voltage	

at AC at 60 Hz rated value	110 240 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 magnet coil	0.85 1.1
percental drop-out voltage of magnet coil related to the input voltage	50 %
ON-delay time	19 29 ms
OFF-delay time	10 24 ms
Overload relay	
product function	
overload protection	Yes
phase failure detection	Yes
asymmetry detection	Yes
ground fault detection	Yes
• test function	Yes
external reset	No
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current-	0.25 1 A
dependent overload release	
tripping time at phase-loss maximum	3 s
relative repeat accuracy	1 %
product feature protective coating on printed-circuit board	Yes
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
operational current of auxiliary contacts of overload relay	
• at AC at 600 V	5 A
• at DC at 250 V	1 A
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
insulation voltage (Ui)	
<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
Enclosure	
degree of protection NEMA rating	Open device (no enclosure)
design of the housing	NA
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Screw-type terminals
tightening torque [lbf·in] for supply	20 20 lbf·in
type of connectable conductor cross-sections at line-side	1x(14 - 2 AWG)
at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
	20 24 lbf·in
tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections at AWG	20 24 IDI-III 2 x (14 - 10 AWG)
cables for load-side outgoing feeder single or multi- stranded	2 x (17 - 10 AVVO)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil	screw-type terminals
tightening torque [lbf·in] at magnet coil	5 12 lbf·in
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2 x (16 - 12 AWG)
temperature of the conductor at magnet coil maximum	75 °C

permissible		
material of the conductor at magnet coil	CU	
type of electrical connection for auxiliary contacts	screw-type terminals	
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in	
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi- stranded	1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG)	
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C	
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 at 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	
breaking capacity maximum short-circuit current (Icu)		
• at 240 V	14 kA	
• at 480 V	10 kA	
• at 600 V	10 kA	
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14	
Further information		

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14CUA32AA

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14CUA32AA

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14CUA32AA&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14CUA32AA/certificate

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