## SIEMENS

## Data sheet

## US2:14GP32AA91



Non-reversing motor starter, Size 2 1/2, Three phase full voltage, Amb. compensate bimetal OLR, Contactor amp rating 60A, 110 120/220 240VAC 60Hz coil, Non-combination type, Enclosure type (open), No enclosure

Fig	ure	simil	ar
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product brand name         Class 14.8.22           design of the product         Full-voltage non-reversing motor starter           special product feature         Half-size starter, Dual voltage coll           Contrait technical data		
special product feature     Half-size starter; Dual voltage coil       Ceneral technical data       Height XWdrk Depth [n]     8.38 × 5.75 × 4 in       Louch protection against electrical shock     Not finger-safe       installation altitude [t] at height above sea level maximum     6560 ft       ambient temperature [rF]     -22 +149 "F       • during storage     -22 +149 "F       • during storage     -30 +65 °C       • at 220/208 V rated value     30 hp       • at 220/230 V rated value     30 hp       • at 575/600 V rated value     20 hp       • at 450/480 V rated value <td< td=""><td>product brand name</td><td>Class 14 &amp; 22</td></td<>	product brand name	Class 14 & 22
General technical data <ul> <li>Height X Widh x Deph [in]</li> <li>8.38 × 5.75 × 4 in</li> </ul> touch protection against electrical shock       Not finger-safe         installation altitude [it] at height above sea level maximum       6560 ft         ambient temperature [7F]       • during storage       -22 +149 "F         • during operation       -4 +104 "F         ambient temperature       • during operation       -20 +40 "C         Horsepower ratings       -30 +65 "C       -20 +40 "C         Vielded mechanical performance [hp] for single-phase AC motor       -at 575600 V rated value       30 hp         • at 200230 V rated value       30 hp	design of the product	Full-voltage non-reversing motor starter
Height x Widh x Depth [in]     8.38 × 5.75 × 4 in       touch protection against electrical shock     Not finger-safe       installation altitude [ft] at height above sea level maximum     6560 ft       ambient temperature [TF]     -22 +149 "F       • during operation     -4 +104 "F       ambient temperature     -30 +65 "C       • during operation     -20 +40 "C       Horsepower ratings     -30 +65 "C       • during operation     -20 +40 "C       Horsepower ratings     -30 +65 "C       • at 200/208 V rated value     20 hp       • at 202/208 V rated value     20 hp       • at 202/208 V rated value     30 hp       • at 200/208 V rated value     30 hp       • at 460/480 V rated value     30 hp       • at 3575/600 V rated value     30 hp       • at 3575/600 V rated value     30 hp       • at 460/480 V rated value     30 hp       • at 460/480 V rated value     30 hp       • at 3575/600 V rated value     50 hp       • at 3575/600 V rated value     60 A       operating vol	special product feature	Half-size starter; Dual voltage coil
touch protection against electrical shock         Not finger-safe           installation altitude [II] at height above sea level maximum         6560 ft           ambient temperature ['F]         -           • during operation         -4 +104 "F           ambient temperature         -4 +104 "C           Horsepower ratings         -20 +40 °C           Horsepower ratings         -20 +40 °C           + during operation         -20 +40 °C           • at 200/208 V rated value         15 hp           • at 200/208 V rated value         20 hp           • at 200/208 V rated value         30 hp           • at 250/208 V rated value         30 hp           • at 200/208 V rated value         15 hp           • at 200/208 V rated value         10 hp           • at 200/208 V rated value         30 hp           • at 200/208 V rated value         10 hp           • at 200/208 V rated value         10 hp           • at 200/208 V rated value         10 hp      <	General technical data	
installation altitude [ft] at height above sea level maximum       6660 ft         ambient temperature [F]       -22 +149 "F         • during storage       -22 +149 "F         ambient temperature       -4 +104 "F         arbient temperature       -30 +65 °C         • during operation       -20 +40 °C         Horsepower ratings       -30 +65 °C         yielded mechanical performance [hp] for single-phase AC motor       15 hp         • at 200/208 V rated value       20 hp         • at 200/208 V rated value       20 hp         • at 200/208 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       600	Height x Width x Depth [in]	8.38 × 5.75 × 4 in
ambient temperature [°F]       -22 +149 °F         • during storage       -22 +149 °F         • during operation       -4 +104 °F         ambient temperature       -30 +65 °C         • during operation       -20 +40 °C         Horspower ratings       -20 +40 °C         Horspower ratings       -20 +40 °C         yielded mechanical performance [hp] for single-phase AC motor       15 hp         • at 200/208 V rated value       20 hp         • at 200/208 V rated value       30 hp         yielded mechanical performance [hp] for 3-phase AC motor       15 hp         • at 200/208 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 65/600 V rated value       30 hp         • at 67/600 V rated value       50 hp         • at 67/600 V rated value       60 A         operating voltage for main contacts       3 <td>touch protection against electrical shock</td> <td>Not finger-safe</td>	touch protection against electrical shock	Not finger-safe
• during storage     -22 +149 °F       • during operation     -4 +104 °F       ambient temperature     -30 +65 °C       • during operation     -20 +40 °C       Horsepower ratings     -30 +65 °C       • during operation     -20 +40 °C       Horsepower ratings     -30 +65 °C       • at 200/208 V rated value     15 hp       • at 220/230 V rated value     20 hp       • at 250/208 V rated value     30 hp       • at 575/600 V rated value     30 hp       • at 250/208 V rated value     30 hp       • at 250/208 V rated value     30 hp       • at 65/600 V rated value     30 hp       • at 250/208 V rated value     30 hp       • at 250/208 V rated value     30 hp       • at 250/208 V rated value     30 hp       • at 460/480 V rated valu	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation       4 +104 °F         ambient temperature       -30 +65 °C         • during operation       -20 +40 °C         Horsopower ratings       -20 +40 °C         yielded mechanical performance [hp] for single-phase AC motor       -         • at 200/208 V rated value       15 hp         • at 220/230 V rated value       30 hp         • at 420/480 V rated value       30 hp         • at 420/280 V rated value       30 hp         • at 420/280 V rated value       30 hp         • at 220/280 V rated value       30 hp         vielded mechanical performance [hp] for 3-phase AC motor       -         • at 220/280 V rated value       30 hp         vielded mechanical performance [hp] for 3-phase AC motor       -         • at 220/280 V rated value       30 hp         • at 220/280 V rated value       30 hp         • at 200/280 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • contactor       -         size of contactor       Controller half size 2 1/2         number of NC contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       60 A         macinnum <td>ambient temperature [°F]</td> <td></td>	ambient temperature [°F]	
ambient temperature       -30 +65 °C         • during storage       -30 +65 °C         • during operation       -20 +40 °C         Horsepower ratings       -20 +40 °C         yielded mechanical performance [hp] for single-phase AC motor       15 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         yielded mechanical performance [hp] for 3-phase AC motor       30 hp         • at 220/230 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 220/230 V rated value       30 hp         • at 450/480 V rated value       30 hp         • at 220/230 V rated value       30 hp         • at 220/230 V rated value       30 hp         • at 220/230 V rated value       30 hp         • at 250/60 V rated value       30 hp         • at 250/60 V rated value       30 hp         • perating voltage for main contacts       3	during storage	-22 +149 °F
• during storage       -30 +65 °C         • during operation       -20 +40 °C         Horsopower ratings       -20 +40 °C         yielded mechanical performance [hp] for single-phase AC motor       15 hp         • at 200/208 V rated value       20 hp         • at 200/208 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 450/208 V rated value       30 hp         • at 200/208 V rated value       30 hp         yielded mechanical performance [hp] for 3-phase AC motor       -         • at 200/208 V rated value       20 hp         • at 200/208 V rated value       20 hp         • at 200/208 V rated value       30 hp         • at 200/208 V rated value       30 hp         • at 450/480 V rated value       30 hp         • parting voltage for main current circuit at AC at 60 Hz       3         • parting voltage for main current circuit at AC at 60 Hz       60 A         mechanical service life (operating cycles) of the main contacts       10000000	<ul> <li>during operation</li> </ul>	-4 +104 °F
• during operation       -20 +40 °C         Horsepower ratings         yielded mechanical performance [hp] for single-phase AC motor         • at 200/208 V rated value       15 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         yielded mechanical performance [hp] for 3-phase AC motor       30 hp         • at 200/208 V rated value       30 hp         • at 200/208 V rated value       30 hp         • at 200/208 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 200/208 V rated value       30 hp         • at 460/480 V rated value       30 hp         Contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       60 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       1000000	ambient temperature	
Horsepower ratings         yielded mechanical performance [hp] for single-phase AC motor         • at 200/208 V rated value         • at 260/230 V rated value         • at 460/480 V rated value         • at 460/480 V rated value         • at 460/480 V rated value         • at 4575/600 V rated value         • at 450/208 V rated value         • at 200/208 V rated value         • at 400/480 V rated value         • at 400/480 V rated value         • at 4575/600 V rated value         • bip         • at 450/480 V rated value         • bip         • at 450/480 V rated value         • bip or voltage for main current circuit at AC at 60 Hz         maximum         • operational current at AC at 600 V rated value         • for A	during storage	-30 +65 °C
yielded mechanical performance [hp] for single-phase AC motor       15 hp         • at 200/208 V rated value       20 hp         • at 480/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         • yielded mechanical performance [hp] for 3-phase AC motor       0 hp         • at 200/208 V rated value       20 hp         • at 220/230 V rated value       20 hp         • at 450/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         • at 575/600 V rated value       60 N         operating voltage for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts       10000000	during operation	-20 +40 °C
• at 200/208 V rated value       15 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         yielded mechanical performance [hp] for 3-phase AC motor       15 hp         • at 220/230 V rated value       20 hp         • at 220/208 V rated value       20 hp         • at 220/208 V rated value       20 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         • at 575/600 V rated value       30 hp         contactor       Size of contactor         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       10000000         Auxiliary contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxili	Horsepower ratings	
• at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         yielded mechanical performance [hp] for 3-phase AC motor       •         • at 200/208 V rated value       15 hp         • at 220/230 V rated value       20 hp         • at 260/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 4575/600 V rated value       30 hp         • at 4575/600 V rated value       30 hp         • at 4575/600 V rated value       30 hp         • at 575/600 V rated value       60 V         • at 30 pp       600 V         • at 30 pp       600 V         • at 575/600 V rated value       60 A         • at 575/600 V rated value       60 A	yielded mechanical performance [hp] for single-phase AC motor	
• at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         yielded mechanical performance [hp] for 3-phase AC motor       -         • at 200/208 V rated value       15 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 4575/600 V rated value       30 hp         • at 4575/600 V rated value       30 hp         • at 4575/600 V rated value       30 hp         • at 575/600 V rated value       60 V         maximum       600 V         maximum       600 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       10000000         Auxiliary contacts at contactor for auxiliary contacts       0         number of NC contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       7	• at 200/208 V rated value	15 hp
• at 575/600 V rated value       30 hp         yielded mechanical performance [hp] for 3-phase AC motor       15 hp         • at 200/208 V rated value       20 hp         • at 220/230 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts of contactor according to UL       10A@600	• at 220/230 V rated value	20 hp
yielded mechanical performance [hp] for 3-phase AC motor       15 hp         • at 200/208 V rated value       20 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         Contactor       Size of contacts for main contacts         size of contactor number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       0         number of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil        4C	• at 460/480 V rated value	30 hp
• at 200/208 V rated value       15 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         Contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts       10000000         Auxiliary contact       0         number of NO 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 NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage       AC	• at 575/600 V rated value	30 hp
• at 220/230 V rated value20 hp• at 460/480 V rated value30 hp• at 575/600 V rated value30 hpContactorController half size 2 1/2number of NO contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz maximum600 Voperational current at AC at 600 V rated value60 Amechanical service life (operating cycles) of the main contacts typical1000000Auxiliary contact0number of NO contacts at contactor for auxiliary contacts typical0number of NC contacts at contactor for auxiliary contacts typical0number of NO contacts at contactor for auxiliary contacts typical1number of NO contacts at contactor for auxiliary contacts typical0further of total auxiliary contacts at contactor for auxiliary contacts typical0number of total auxiliary contacts maximum totat auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)Coiltype of voltage of the control supply voltageAC	yielded mechanical performance [hp] for 3-phase AC motor	
• at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         Contactor       30 hp         size of contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NO contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage       AC	• at 200/208 V rated value	15 hp
• at 575/600 V rated value       30 hp         Contactor       size of contactor         size of contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       10000000         Auxiliary contacts at contactor for auxiliary contacts       0         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 total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       Kpe of voltage of the control supply voltage       AC	• at 220/230 V rated value	20 hp
Contactor         size of contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       0         number of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contact for auxiliary contacts       1         number of NO contacts at contact for auxiliary contacts       1         number of total auxiliary contacts maximum       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       Keep of voltage of the control supply voltage       AC	• at 460/480 V rated value	30 hp
size of contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts typical       10000000         Auxiliary contact       0         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 of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage       AC	• at 575/600 V rated value	30 hp
number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts typical       10000000         Auxiliary contact       0         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       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       4C	Contactor	
operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts typical       10000000         Auxiliary contact       0         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       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       AC	size of contactor	Controller half size 2 1/2
maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (operating cycles) of the main contacts typical       10000000         Auxiliary contact       10000000         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       7         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	number of NO contacts for main contacts	3
mechanical service life (operating cycles) of the main contacts typical       10000000         Auxiliary contact       10000000         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       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       1         type of voltage of the control supply voltage       AC		600 V
typical     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     7       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	operational current at AC at 600 V rated value	60 A
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       7         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		1000000
number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       7         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	Auxiliary contact	
number of total auxiliary contacts maximum       7         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	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)         Coil       type of voltage of the control supply voltage       AC	number of NO contacts at contactor for auxiliary contacts	1
Coil       type of voltage of the control supply voltage       AC	number of total auxiliary contacts maximum	7
type of voltage of the control supply voltage AC	contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
	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	
<ul> <li>overload protection</li> </ul>	Yes
test function	Yes
external reset	No
reset function	Manual and automatic
adjustment range of thermal overload trip unit	0.85 1.15
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	10 A
• at DC at 250 V	5 A
contact rating of auxiliary contacts of overload relay according to UL	10A@600VAC (A600), 5A@250VDC (P300)
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	Box lug
tightening torque [lbf-in] for supply	45 45 lbf·in
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
tightening torque [lbf-in] for load-side outgoing feeder	35 50 lbf-in
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	2x (16 12 AWG)
temperature of the conductor at magnet coil maximum permissible	75 °C
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	1x (12 AWG), 2x (16 14 AWG), 2x (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	5 12 lbf-in
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi-stranded	2x (16 12 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
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• at 600 V

10 kA

10 kA NEMA ICS 2; UL 508; CSA 22.2, No.14

certificate of suitability

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=US2:14GP32AA91

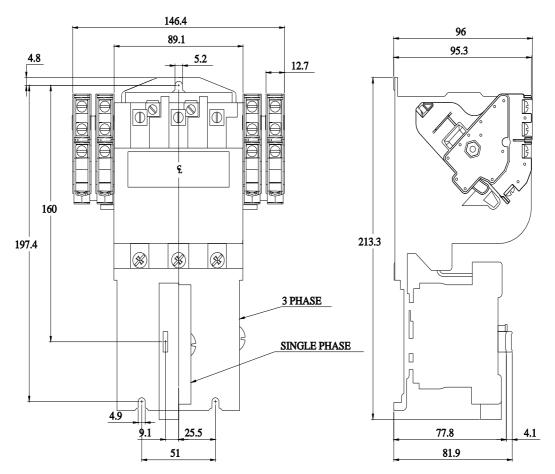
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

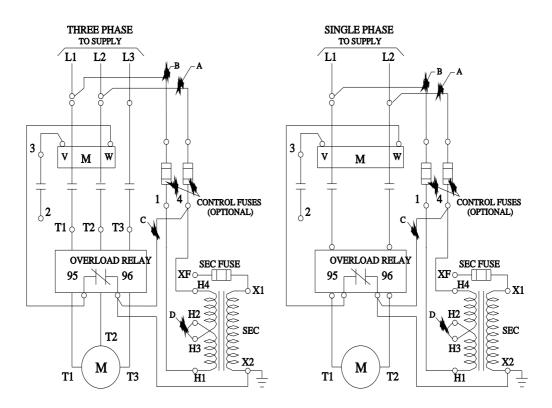
https://support.industry.siemens.com/cs/US/en/ps/US2:14GP32AA91

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14GP32AA91&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14GP32AA91/certificate





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