## SIEMENS

## Data sheet

## US2:14DUA32BC



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 0.25-1A, Non-combination type, Enclosure type 1, Indoor general purpose use, Standard width enclosure

Figuresi	imilar
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product brand name         Class 14           design of the product         Full-voltage non-reversing motor starter           special product feature         ESP220 overload relay; Dual voltage coll           demonstrain technical data         ESP220 overload relay; Dual voltage coll           weight [b]         8 lb           Height X Width x Depth [m]         11 x 7 x 5 in           touch protection against electrical shock         (NA for enclosed products)           installation altitude [T] at height above sea level maximum         6650 ft           ambient temperature [TF]         -22 +149 "F           • during storage         -30 +65 °C           • during operation         -4 +104 "F           ambient temperature         -30 +65 °C           • during operation         -20 +109 "C           country of origin         USA           Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC motor           origin         USA           Horsepower ratings         0.17 hp           • at 200/208 V rated value         0.17 hp           • at 40/480 V rated value         0.33 hp           • at 575/600 V rated value         27 A           rumber of NO contacts for main contacts         3           operating voltage formain current ci		
special product feature         ESP200 overload relay; Dual voltage coil           General technical data         ************************************	product brand name	Class 14
General technical data       8 lb         weight [Ib]       8 lb         Height x Width x Depth [in]       11 x 7 x 5 in         touch protection against electrical shock       (NA for enclosed products)         installation altitude [I] at height above sea level maximum       6560 ft         ambient temperature [°F]       -22 +149 °F         • during operation       -4 +104 °F         ambient temperature       -30 +65 °C         • during operation       -20 +40 °C         county of origin       USA         Mosepower ratings       -30 +65 °C         yielded mechanical performance [hp] for 3-phase AC       -0.17 hp         oil at 200/208 V rated value       0.17 hp         • at 200/208 V rated value       0.17 hp         • at 460/480 V rated value       0.33 hp         • at 460/480 V rated value       0.33 hp         • at 65/500 V rated value       0.5 hp         Contactor       NEMA controller size 1         number of NC contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       000 V         maximum       000000         contacts typical       10000000         mumber of NC contacts at contactor for auxillary contacts       1	design of the product	Full-voltage non-reversing motor starter
weight [lb]       8 lb         Height x Width x Depth [in]       11 × 7 × 5 in         touch protection against electrical shock       (NA for enclosed products)         installation attitude [fi] at height above sea level maximum       6660 ft         ambient temperature ['F]       -22 +149 °F         • during storage       -30 +65 °C         • during vorage       -30 +65 °C         • at 200/208 V rated value       0.17 hp         • at 220/230 V rated value       0.17 hp         • at 420/208 V rated value       0.33 hp         • at 57/600 V rated value       0.5 hp         Contactor       NEMA controller size 1         number of NC contacts for main current circuit at AC at 60 Hz       600 V         maximum       0       1         operating voltage for main current vicu	special product feature	ESP200 overload relay; Dual voltage coil
Height X Width x Depth [in]       11 × 7 × 5 in         touch protection against electrical shock       (NA for enclosed products)         installation allitude [ft] at height above sea level maximum       6660 ft         ambient temperature [°F]       -22 +149 °F         • during operation       -4 +104 °F         ambient temperature       -20 +65 °C         • during operation       -20 +65 °C         • during operation       -20 +40 °C         country of origin       USA         Horsepower ratings       yielded mechanical performance [hp] for 3-phase AC         motor       et 220/208 V rated value         • at 220/208 V rated value       0.17 hp         • at 460/480 V rated value       0.5 hp         Contactor       size of contactor         size of contactor       NEMA controller size 1         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       0         maximum       27 A         number of NC 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 auxiliary contacts <td< td=""><td>General technical data</td><td></td></td<>	General technical data	
Use protection against electrical shock       (NA for enclosed products)         installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature ['F]       -22 +149 "F         • during operation       -4 +104 "F         ambient temperature       -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 2220/23 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 contacts for main contacts         size of contacts for main current circuit at AC at 60 Hz       600 V         maximum       0perating voltage for main current circuit at AC at 60 Hz         operating voltage for main current circuit at AC at 60 Hz       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 <td>weight [lb]</td> <td>8 lb</td>	weight [lb]	8 lb
installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature ['F]       -22 +149 °F         - during operation       -4 +104 °F         ambient temperature       -30 +65 °C         - during operation       -20 +40 °C         country of origin       USA         Horsepower ratings       -20 +40 °C         yielded mechanical performance [hp] for 3-phase AC motor       0.17 hp         ot at 200/208 V rated value       0.17 hp         ot at 200/208 V rated value       0.17 hp         ot at 570/600 V rated value       0.33 hp         ot at 575/600 V rated value       0.5 hp         Contactor       NEMA controller size 1         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       7A         maximum       27 A         operational current at AC at 600 V rated value       27 A         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 at contactor for auxiliary contacts	Height x Width x Depth [in]	11 × 7 × 5 in
ambient temperature ['F]       -22 +149 °F         • during storage       -22 +149 °F         • 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         • at 200/208 V rated value       0.17 hp         • at 200/208 V rated value       0.33 hp         • at 575/600 V rated value       0.5 hp         Contactor         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       27 A         operational current at AC at 600 V rated value       27 A         number of NC contacts at contactor for auxiliary contacts       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 tota	touch protection against electrical shock	(NA for enclosed products)
• during storage       -22 +149 °F         • during operation       -4 +104 °F         ambient temperature       -30 +65 °C         • during storage       -30 +65 °C         • during operation       -20 +40 °C         country of origin       USA         Horsepower ratings       -20 +40 °C         yielded mechanical performance [hp] for 3-phase AC       -20 +40 °C         motor       - at 200/208 V rated value       0.17 hp         • at 200/208 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       NEMA controller size 1         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       3         aminum       600 V         operational current at AC at 600 V rated value       27 A         mechanical service life (switching cycles) of the main contacts 1       10000000         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	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         country of origin       USA         Horsepower ratings       yielded mechanical performance [hp] for 3-phase AC motor         • at 220/208 V rated value       0.17 hp         • at 576/600 V rated value       0.5 hp         Contactor       NEMA controller size 1         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       27 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       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 NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts       1         number of N	ambient temperature [°F]	
ambient temperature       -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 220/230 V rated value       0.17 hp         • at 575/600 V rated value       0.33 hp         • at 575/600 V rated value       0.5 hp         Contactor       NEMA controller size 1         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       27 A         number of NO contacts at contactor for auxiliary contacts       10000000         number of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contact for for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contact 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 contactor according to UL <td><ul> <li>during storage</li> </ul></td> <td>-22 +149 °F</td>	<ul> <li>during storage</li> </ul>	-22 +149 °F
• 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 220/23 V rated value       0.17 hp         • at 200/208 V rated value       0.17 hp         • at 450/480 V rated value       0.33 hp         • at 4575/600 V rated value       0.5 hp         Contactor         size of contactor for main contacts       3         operating voltage for main current circuit at AC at 60 Hz maximum       600 V         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       10000000         operational current at AC at 600 V rated value       27 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       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 NC contacts at contactor for auxiliary contacts       1         number of NC contacts at c	during operation	-4 +104 °F
• during operation       -20 +40 °C         country of origin       USA         Horsepower ratings       USA         yielded mechanical performance [hp] for 3-phase AC motor       0.17 hp         • 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       NEMA controller size 1         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       27 A         operational current at AC at 600 V rated value       27 A         mechanical service life (switching cycles) of the main contacts typical       1000000         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 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       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for	ambient temperature	
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       NEMA controller size 1         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       27 A         operational current at AC at 600 V rated value       27 A         mechanical service life (switching cycles) of the main contacts       0         number of NC 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 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 at cont	during storage	-30 +65 °C
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 460/480 V rated value       0.5 hp         Contactor         size of contactor         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       27 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       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 NC contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Cotiat         contact rating of auxiliary contacts of contactor according to UL         to UL       4AC	during operation	-20 +40 °C
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>bp</li> </ul> Contactor         NEMA controller size 1             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         27 A         10000000	country of origin	USA
index       0.17 hp         • at 220/230 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 460/480 V rated value       0.5 hp         Contactor       size of contactor for main contacts         size of contactor 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       27 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       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 NC 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       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         coil	Horsepower ratings	
• 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 1         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       27 A         operational current at AC at 600 V rated value       27 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contacts at contactor for auxiliary contacts         number of NC 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       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		
• at 460/480 V rated value       0.33 hp         • at 575/600 V rated value       0.5 hp         Contactor       NEMA controller size 1         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       27 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         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 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       8         Coil          type of voltage of the control supply voltage       AC	• at 200/208 V rated value	0.17 hp
• at 575/600 V rated value       0.5 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       27 A         operational current at AC at 600 V rated value       27 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       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       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         coil       AC	• at 220/230 V rated value	0.17 hp
Contactor         size of contactor       NEMA controller size 1         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       27 A         mechanical service life (switching 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 NO contacts of contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         coil       AC	• at 460/480 V rated value	0.33 hp
size of contactor       NEMA controller size 1         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       0         operational current at AC at 600 V rated value       27 A         mechanical service life (switching 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 NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       AC	• at 575/600 V rated value	0.5 hp
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       27 A         mechanical service life (switching 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       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       AC	Contactor	
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maximum       operational current at AC at 600 V rated value       27 A         mechanical service life (switching 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 NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil	number of NO contacts for main contacts	3
mechanical service life (switching cycles) of the main contacts typical       1000000         Auxiliary contact       1000000         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       4         type of voltage of the control supply voltage       AC		600 V
contacts 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     8       contact rating of auxiliary contacts of contactor according to UL     10A@600VAC (A600), 5A@600VDC (P600)       Coil     Karal       type of voltage of the control supply voltage     AC	operational current at AC at 600 V rated value	27 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       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       4         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       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       4         type of voltage of the control supply voltage       AC	Auxiliary contact	
number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage         AC	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
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)
	Coil	
control supply voltage	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
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	Yes
reset function	
trip class	Manual, automatic and remote
	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current- dependent overload release	0.25 1 A
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	1
design of the housing	Indoor general purpose use
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	35 35 lbf in
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded	1x(14 - 2 AWG)
temperature of the conductor for supply maximum permissible	75 ℃
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	20 24 lbf in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded	2 x (14 - 10 AWG)
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=US2:14DUA32BC		
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:14DUA32BC		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14DUA32BC⟨=en		
Certificates/approvals		

https://support.industry.siemens.com/cs/US/en/ps/US2:14DUA32BC/certificate

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