## SIEMENS

## Data sheet

## US2:14DUB32BA



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 0.75-3.4A, 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         ESP200 overload relay; Dual voltage coil           General technical data         ESP200 overload relay; Dual voltage coil           weight [b]         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 [H] at height above sea level maximum         6560 ft           ambient temperature [F]         -22 +149 "F           • during storage         -20 +65 °C           • 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           origin         USA           Horsepower ratings         -20 +40 °C           vialeded mechanical performance [hp] for 3-phase AC motor         0.5 hp           • at 200/208 V rated value         0.5 hp           • at 204/208 V rated value         2.5 hp           • at 40/408 V rated value         2.5 hp           • at 575/600 V rated value         2.7 A           number of NO co		
special product feature         ESP200 overload relay; Dual voltage coil           Ceneral 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       6660 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         Mosapower ratings       -30 +65 "C         yielded mechanical performance [hp] for 3-phase AC       -05 hp         of at 200/208 V rated value       0.5 hp         • at 420/230 V rated value       1.5 hp         • at 420/230 V rated value       1.5 hp         • at 460/480 V rated value       2 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       00 V         mechanical service life (switching cycles) of the main contacts (prical service for auxillary contacts       1         number of NC contacts at contactor for auxillary contacts       1         number of NC contacts at contactor for auxillary contacts	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 altitude [ft] at height above sea level maximum     6660 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     0.5 hp       • at 200/208 V rated value     0.5 hp       • at 250/200 V rated value     0.5 hp       • at 420/208 V rated value     0.5 hp       • at 650 °C traded value     1.5 hp       • at 250/208 V rated value     2.7 hp       • at 250/208 V rated value     2.7 hp       • at 557/600 V rated value     2.7 A       operating voltage for main current circuit at AC at 60 Hz     600 V       maximum     0       operating voltage for main current direct of rauxiliary contacts     1       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 NC con	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       -30 +65 °C         • during operation       -20 +40 °C         county of origin       USA         Horsepower ratings       yielded mechanical performance [hp] for 3-phase AC motor         • at 200/208 V rated value       0.5 hp         • at 200/208 V rated value       0.75 hp         • at 460/480 V rated value       1.5 hp         • at 460/480 V rated value       2 hp         Contactor       Size of conlactor for main contacts         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       0         maximum       27 A         10000000       1         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 <td>General technical data</td> <td></td>	General technical data	
but Protection against electrical shock       (NA for enclosed products)         installation altitude [II] 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       0.5 hp         • at 2220/230 V rated value       0.5 hp         • at 220/208 V rated value       0.75 hp         • at 460/480 V rated value       1.5 hp         • at 575/600 V rated value       600 V         size of contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       800 V         maximum       27 A         operational current at AC at 600 V rated value       27 A         tootacts for main current circuit at AC at 60 Hz       1         maximum       000000         operational current at AC at 600 V rated value       27 A         tootacts typical       1         number of NC contacts at contactor for auxiliary contacts       1         number of	weight [lb]	8 lb
Installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature ['F]       • during operation       -22 +149 "F         ambient temperature       • during operation       -4 +104 "F         ambient temperature       • during operation       -20 +65 "C         • during operation       -20 +40 "C         country of origin       USA         Horsepower ratings       -30 +65 "C         vielded mechanical performance [hp] for 3-phase AC motor       0.5 hp         • at 200/208 V rated value       0.5 hp         • at 220/230 V rated value       0.5 hp         • at 457/600 V rated value       1.5 hp         • at 457/600 V rated value       2 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 maximum       600 V         maximum       27 A         mechanical service life (switching cycles) of the main contacts typical       1         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	Height x Width x Depth [in]	11 × 7 × 5 in
ambient temperature [°F]       -22 +149 °F         • during storage       -22 +149 °F         • during operation       -4 +104 °F         ambient temperature       -4 +104 °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       0.5 hp         • at 200/208 V rated value       0.5 hp         • at 200/208 V rated value       1.5 hp         • at 575/600 V rated value       2 hp         Contactor         size of 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 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	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       -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       0.5 hp         • at 200/208 V rated value       0.5 hp         • at 40/480 V rated value       0.75 hp         • at 460/480 V rated value       1.5 hp         • at 575/600 V rated value       2 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         operating voltage for main current circuit at AC at 60 Hz       3         operating voltage for main current circuit at AC at 60 Hz       10000000         maximum       27 A         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 NO contacts at contactor for auxiliary contacts       1 </td <td>installation altitude [ft] at height above sea level maximum</td> <td>6560 ft</td>	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       0.5 hp         • at 320/208 V rated value       0.5 hp         • at 576/600 V rated value       1.5 hp         • at 576/600 V rated value       2 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 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 NC contacts at contact	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       0.5 hp         • at 220/230 V rated value       0.75 hp         • at 460/480 V rated value       1.5 hp         • at 575/600 V rated value       2 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 contact for auxiliary contacts       1         number of NO contacts at contact for auxiliary contacts       1         number of NO contacts at contact for auxiliary contacts       1         number of NC contacts at contact for auxiliary contacts       1         number of NC contacts at contact for auxiliary contacts       1         number of NC contacts at contact for auxiliary contacts       1         number of NC contacts at contact for auxiliary contacts       1         number of NO contacts at contact for contactor according to U	<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	during operation	-4 +104 °F
• 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       0.5 hp         • at 220/208 V rated value       0.5 hp         • at 220/208 V rated value       0.75 hp         • at 460/480 V rated value       1.5 hp         • at 575/600 V rated value       2 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       0perational current at AC at 600 V rated value       27 A         operating voltage for main current circuit at AC at 60 Hz       10000000         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	ambient temperature	
country of origin     USA       Horsepower ratings       yielded mechanical performance [hp] for 3-phase AC motor     0.5 hp       • at 200/208 V rated value     0.5 hp       • at 220/230 V rated value     0.75 hp       • at 460/480 V rated value     1.5 hp       • at 460/480 V rated value     2 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 of contactor according to UL     10A@600VAC (A600), 5A@600VDC (P600)       coll     to UL     1	<ul> <li>during storage</li> </ul>	-30 +65 °C
Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC motor         • at 200/208 V rated value       0.5 hp         • at 220/230 V rated value       0.75 hp         • at 460/480 V rated value       1.5 hp         • at 4575/600 V rated value       2 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 maximum       600 V         operational current at AC at 600 V rated value       27 A         operatincel 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 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       0         0       10A@600VAC (A600), 5A@600VDC (P600)         coli       to UL       10A@600VAC (A600), 5A@600VDC (P600)	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor       0.5 hp         • at 200/208 V rated value       0.5 hp         • at 220/230 V rated value       0.75 hp         • at 460/480 V rated value       1.5 hp         • at 460/480 V rated value       2 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 total auxiliary contacts do contacts at contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       total       4C	country of origin	USA
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• at 220/230 V rated value         0.75 hp           • at 460/480 V rated value         1.5 hp           • at 575/600 V rated value         2 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         10000000           Auxiliary contact         0           number of NC contacts at contactor for auxiliary contacts         1           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 NO contacts of contactor according to UL         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		
• at 460/480 V rated value       1.5 hp         • at 575/600 V rated value       2 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       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 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	• at 200/208 V rated value	0.5 hp
• at 575/600 V rated value       2 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       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 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       AC	• at 220/230 V rated value	0.75 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       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 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	1.5 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	2 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       1         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 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 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         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       4C		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	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
<ul> <li>phase failure detection</li> </ul>	Yes
asymmetry detection	Yes
ground fault detection	Yes
test function	Yes
external reset	Yes
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current- dependent overload release	0.75 3.4 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 °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	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=US2:14DUB32BA Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:14DUB32BA Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14DUB32BA⟨=en Certificates/approvals		

https://support.industry.siemens.com/cs/US/en/ps/US2:14DUB32BA/certificate

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