## SIEMENS

## Data sheet

## US2:32DUEE92N1VF



2-speed 3-phase motor starter, Size 1, Two separate windings, Constant or variable torque, Solid-state overload relays, Low Spd OLR range 10-40A, High Spd OLR range 10-40A, 110V 50Hz / 120V 60Hz coil, Combination type, 30A circuit breaker, Enclosure NEMA type 4/12, Water/dust tight for outdoors

product brand name         Class 32           design of the product special product feature         ESP200 overload relay           General technical data         ESP200 overload relay           weight [b]         51 lb           Height X Width X Depth [in]         24 × 20 × 8 in           Louch protection against electrical shock         NA for enclosed products           installation atiltude [IF]         6660 ft           • during storage         -22 +149 "F           • during storage         -30 +65 °C           • during variation         -20 +149 "F           • during variation         -20 +140 "C           country of origin         USA           Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC           motor         - at 200/208 V rated value         7.5 hp           • at 200/208 V rated value         7.5 hp           • at 204/280 V rated value         0 hp           contactor         NEMA controller size 1           number of NO contacts for main contacts         6           o		
special product feature         ESP200 overload relay           General tochnical data         ************************************	product brand name	Class 32
General technical data       51 lb         weight [lb]       51 lb         Height x Width x Depth [n]       24 × 20 × 8 in         touch protection against electrical shock       NA for enclosed products         installation allitude [l] 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         Mosapower ratings       -30 +65 "C         yielded mechanical performance [hp] for 3-phase AC       -00 hp         ord 20/280 V rated value       7.5 hp         • at 200/280 V rated value       7.5 hp         • at 200/280 V rated value       0 hp         • at 40/480 V rated value       0 hp         contactor       NEMA controller size 1         number of NO contacts for main contacts       6         operating voltage for main current circuit at AC at 60 Hz       00 V         mechanical service life (switching cycles) of the main contacts       6         operating voltage for natio current circuit at AC at 60 Hz       00 V         maximum       0000000       27 A         mechanical service life	design of the product	Full-voltage two speed motor starter with MCP
weight [lb]     51 lb       Height x Width x Depth [in]     24 × 20 × 8 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       Horspopwor ratings     yielded mechanical performance [hp] for 3-phase AC       motor     • at 220/230 V rated value     7.5 hp       • at 200/208 V rated value     0 hp       • at 40/480 V rated value     0 hp       • at 657/600 V rated value     0 hp       • at 660 V rated value     0 hp       • at 557/600 V rated value     0 hp       operating voltage for main current circuit at AC at 60 Hz     600 V       maximum     000000       operating voltage for main current circuit at AC at 60 Hz     10000000       mothanic service life (switching cycles) of the main contacts     6       for AL     2     10000000       operating voltage for main current circuit at AC at 60 Hz     2       maximum     0     2       operating voltage for main current circuit at AC at 60 Hz     2       mothanic of totala	special product feature	ESP200 overload relay
Height XWith x Depth [in]       24 × 20 × 8 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 storage       -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       • at 220/20 V rated value       7.5 hp         • at 220/20 V rated value       0 hp         • at 220/20 V rated value       0 hp         • at 460/480 V rated value       0 hp         • at 460/480 V rated value       0 hp         • at 460/480 V rated value       0 hp         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       000 V         operational current at AC at 600 V rated value       27 A         operational current at AC at 600 V rated value       27 A         operational current at AC at controf or auxiliary contacts       2         nu	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       7.5 hp         • at 200/208 V rated value       7.5 hp         • at 460/480 V rated value       0 hp         • at 2220/230 V rated value       0 hp         • at 220/208 V rated value       0 hp         • at 260/280 V rated value       0 hp         • at 57/600 V rated value       0 hp         • 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         operational current at AC at 600 V rated value       27 A         mother of NC contacts at contactor for auxiliary contacts       2	weight [lb]	51 lb
installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [FF]       - 4uring operation         -4       - 4149 °F         ambient temperature       - 4uring operation         -4       - 404 °F         ambient temperature       - 30 + 65 °C         - during operation       - 20 + 40 °C         country of origin       USA         Horsepower ratings       - 30 + 65 °C         vielded mechanical performance [hp] for 3-phase AC       - 00 + 40 °C         owdor       - at 220/230 V rated value       7.5 hp         - at 220/230 V rated value       0 hp         - at 450/480 V rated value       0 hp         - at 450/480 V rated value       0 hp         - at 450/480 V rated value       0 hp         - at 55/500 V rated value       0 hp         - contactor       NEMA controller size 1         number of NC contacts for main current circuit at AC at 60 Hz       600 V         maximum       -0perational service life (switching cycles) of the main contacts typical       1000000         Auxiliary contact       2       -1000000         Auxiliary contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2 <td>Height x Width x Depth [in]</td> <td>24 × 20 × 8 in</td>	Height x Width x Depth [in]	24 × 20 × 8 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       7.5 hp         • at 200/208 V rated value       0 hp         • at 200/208 V rated value       0 hp         • at 255/600 V rated value       0 hp         contactor       NEMA controller size 1         number of NO contacts for main contacts       6         operating voltage for main current circuit at AC at 60 Hz main contacts for aximum       10000000         operational current at AC at 600 V rated value       27 A         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         number of NO contacts at contact	touch protection against electrical shock	NA for enclosed products
	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	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       7.5 hp         • at 220/230 V rated value       7.5 hp         • at 220/230 V rated value       0 hp         • at 575/600 V rated value       0 hp         Contactor       NEMA controller size 1         number of NQ contacts for main contacts       6         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       2         number of NQ contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2         number of NQ contacts at contactor for auxiliary contacts       2         number of NQ contacts at contactor for auxiliary contacts       2         number of NQ contacts at contactor for auxiliary contacts       2         number of NQ contacts at contactor for auxiliary contacts       2         number of NQ contacts at contactor for auxiliary contacts       2 </td <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       7.5 hp         • at 220/230 V rated value       7.5 hp         • at 460/480 V rated value       0 hp         • at 575/600 V rated value       0 hp         • at 575/600 V rated value       0 hp         contactor       NEMA controller size 1         number of NC contacts for main contacts       6         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       10000000         maximum       27 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       2         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       10A@600VAC (A600), 5A@600VDC (P600)	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       7.5 hp         • at 220/208 V rated value       7.5 hp         • at 220/208 V rated value       0 hp         • at 460/480 V rated value       0 hp         • at 575/600 V rated value       0 hp         contactor       NEMA controller size 1         number of NO contacts for main contacts       6         operating voltage for main current circuit at AC at 60 Hz       600 V         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       2         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         number of NO contacts of contactor for auxiliary contacts       10A@600VAC (A600), 5A@600VDC (P600)         to UL       US       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         to UL       Voltage of the c	ambient temperature	
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         • at 220/230 V rated value         • at 220/230 V rated value         • at 460/480 V rated value         • at 460/480 V rated value         • at 575/600 V rated value         • at 575/600 V rated value         0 hp         Contactor         size of contacts for main contacts         6         operating voltage for main current circuit at AC at 60 Hz         maximum         operational current at AC at 600 V rated value         operational current at AC at 600 V rated value         parational current at AC at 600 V rated value         poperational current at AC at 600 V rated value         mechanical service life (switching cycles) of the main contacts typical         number of NC contacts at contactor for auxiliary contacts         number of NO contacts at contactor for auxiliary contacts         number of NO contacts at contactor for auxiliary contacts         number of NO contacts of contactor according to UL         otat rating of auxiliary contacts of contactor according to UL         contact rating of auxiliary contacts of contactor according to UL         to	<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       7.5 hp         • at 220/230 V rated value       7.5 hp         • at 460/480 V rated value       0 hp         • at 4575/600 V rated value       0 hp         Contactor       NEMA controller size 1         number of NO contacts for main contacts       6         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       2         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       10000000         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	<ul> <li>during operation</li> </ul>	-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> <li>at 460/480 V rated value</li> <li>0 hp</li> </ul> Contactor         NEMA controller size 1             number of NO contacts for main contacts         6             operating voltage for main current circuit at AC at 60 Hz maximum         600 V             operating voltage for main current at AC at 600 V rated value         27 A         10000000           ontacts typical         10000000         27 A         10000000	country of origin	USA
motor <ul> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 220/230 V rated value</li> <li>b at 220/230 V rated value</li> <li>c at 460/480 V rated value</li> <li>d hp</li> <li>at 460/480 V rated value</li> <li>d hp</li> </ul> <li>contactor</li> <li>size of contactor number of NO contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz</li> <li>maximum</li> <li>operational current at AC at 600 V rated value</li> <li>27 A</li> <li>mechanical service life (switching cycles) of the main contacts typical</li> <li>Auxiliary contact</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts of contactor according to UL</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> <li>coll</li> <li>type of voltage of the control supply voltage</li> <li>AC</li>	Horsepower ratings	
• at 220/230 V rated value         7.5 hp           • at 460/480 V rated value         0 hp           • at 575/600 V rated value         0 hp           Contactor         NEMA controller size 1           number of NO contacts for main contacts         6           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         2           number of NC contacts at contactor for auxiliary contacts         2           number of NC contacts at contactor for auxiliary contacts         2           number of NC contacts at contactor for auxiliary contacts         2           number of NO contacts at contactor for auxiliary contacts         2           number of NO contacts at contactor for auxiliary contacts         2           number of NO contacts of contacts of contactor according to UL         10A@600VAC (A600), 5A@600VDC (P600)           Coil		
• at 460/480 V rated value0 hp• at 575/600 V rated value0 hpContactorNEMA controller size 1size of contactorNEMA controller size 1number of NO contacts for main contacts6operating voltage for main current circuit at AC at 60 Hz600 Vmaximum0 operational current at AC at 600 V rated value27 Amechanical service life (switching cycles) of the main contacts typical10000000Auxiliary contact2number of NC contacts at contactor for auxiliary contacts2number of NC contacts at contactor for auxiliary contacts2number of NO contacts at contactor for auxiliary contacts10A@600VAC (A600), 5A@600VDC (P600)contact rating of auxiliary contacts of contactor according to ULAC	• at 200/208 V rated value	7.5 hp
• at 575/600 V rated value       0 hp         Contactor       size of contactor         number of NO contacts for main contacts       6         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       2         number of NC contacts at contactor for auxiliary contacts       2         number of NC contacts at contactor for auxiliary contacts       2         number of NO contacts of contact 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	7.5 hp
Contactor       NEMA controller size 1         number of NO contacts for main contacts       6         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       2         number of NC contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         number of NO contacts of contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         number of total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       AC	• at 460/480 V rated value	0 hp
size of contactor       NEMA controller size 1         number of NO contacts for main contacts       6         operating voltage for main current circuit at AC at 60 Hz       6         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       2         number of NC contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         number of total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       Coil         type of voltage of the control supply voltage       AC	• at 575/600 V rated value	0 hp
number of NO contacts for main contacts6operating voltage for main current circuit at AC at 60 Hz maximum600 Voperational current at AC at 600 V rated value27 Amechanical service life (switching cycles) of the main contacts typical1000000Auxiliary contact1000000number of NC contacts at contactor for auxiliary contacts2number of NO contacts at contactor for auxiliary contacts2number of total auxiliary contacts maximum8contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)Coiltype of voltage of the control supply voltageAC	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum600 Voperational current at AC at 600 V rated value27 Amechanical service life (switching cycles) of the main contacts typical10000000Auxiliary contact1000000number of NC contacts at contactor for auxiliary contacts2number of NO contacts at contactor for auxiliary contacts2number of total auxiliary contacts maximum8contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)CoilKype of voltage of the control supply voltageAC	size of contactor	NEMA controller size 1
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     2       number of NO contacts at contactor for auxiliary contacts     2       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	number of NO contacts for main contacts	6
mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       10000000         number of NC contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         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         Auxiliary contact       2         number of NC contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         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	operational current at AC at 600 V rated value	27 A
number of NC contacts at contactor for auxiliary contacts       2         number of NO contacts at contactor for auxiliary contacts       2         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       2         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	2
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	2
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	

	4014
• at AC at 50 Hz rated value	110 V
at AC at 60 Hz rated value	120 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
<ul> <li>phase failure detection</li> </ul>	Yes
<ul> <li>asymmetry detection</li> </ul>	Yes
<ul> <li>ground fault detection</li> </ul>	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 overload	
relay	10 10 4
for low rotational speed	10 40 A
for high rotational speed	10 40 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	4, 12
design of the housing	dustproof, waterproof & weatherproof
Circuit Breaker	
type of the motor protection	Motor circuit protector (magnetic trip only)
operational current of motor circuit breaker rated value	30 A
adjustable current response value current of instantaneous short-circuit trip unit	80 270 A
Mounting/wiring	
	Vertical
mounting position	Vertical Surface mounting and installation
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded	1x (10 AWG 1/0 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	35 35 lbf·in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded	1x (14 2 AWG)

temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	AL or 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	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 at contactor 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	7 10 lbf·in
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi- stranded	2x (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 short-circuit trip	Instantaneous trip circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	100 A
• at 480 V	100 A
• at 600 V	25 A
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
Further information	
Industrial Controls - Product Overview (Catalogs, Brochu www.usa.siemens.com/iccatalog Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product	

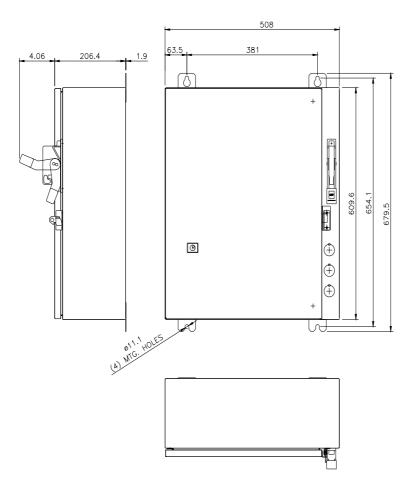
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:32DUEE92N1VF

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:32DUEE92N1VF

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:32DUEE92N1VF&lang=en

Certificates/approvals

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