## SIEMENS

## Data sheet

## US2:22GUG32AE



Reversing motor starter Size 2 1/2 Three phase full voltage Solid-state overload relay OLRelay amp range 25-100A 550/575-600 50/60HZ coil Non-combination type Enclosure type (open)

product brand name         Class 22           design of the product         Full-voltage reversing motor starter           special product feature         ESP200 overload relay, Half-size starter           General technical data         8 lb           weight [b]         8 lb           Height x Width x Depth [in]         8 lb           iuvities and thinks (b)         8 lb           Height x Width x Depth [in]         8 lb           iuvities and units and thinks (b)         8 lb           iuvities and units and thinks (b)         8 lb           iuvities and units and thinks (b)         8 lb           iuvities and thinks (b)         8 lb           iuvities and the temperature (F)         -22 +149 "F           iuvities and the temperature         -30 +65 °C           iuvities and the temperature         -30 +65 °C           iuvities and the analoging the temperature         -20 +40 °C           vielded mechanical performance [hp] for 3-phase AC motor         -20 +40 °C           instal 200/208 V rated value         20 hp           iat 200/208 V rated value         20 hp           iat 202/230 V rated value         30 hp           contractor         controller half size 2 1/2           number of NO contacts for main cortacts         3     <	Figure similar	
special product feature         ESP200 overload relay; Half-size starter           General technical data         ************************************	product brand name	Class 22
General technical data       8 lb         weight [Ib]       8 lb         Height x Width x Depth [in]       8.94 x 10.5 x 4.17 in         touch protection against electrical shock       Not finger-safe         installation altitude [I] at height above sea level maximum       6660 ft         ambient temperature ['F]       -22 +149 "F         • during operation       -24 +104 "F         ambient temperature       -30 +65 °C         • during operation       -20 +40 °C         routry of origin       Mexico         Hosspower ratings       -20 +40 °C         yielded mechanical performance [hp] for 3-phase AC       -20 +40 °C         ordor       -31 200/208 V rated value       15 hp         • at 220/230 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         operating voltage for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       60 A         mechanical service life (switching cycles) of the main contacts       10000000         operating voltage for main current circuit at AC at 60 Hz       60 A         mumber of NC contacts at contactor for auxillary contacts       1         number of NC contacts at contactor for auxillary	design of the product	Full-voltage reversing motor starter
weight [lb]         8 lb           Height x Width x Depth [in]         8.94 × 10.5 × 4.17 in           touch protection against electrical shock         Not finger-safe           installation altitude [ft] at height above sea level maximum         6660 ft           ambient temperature [*F]         - 4 +104 °F           • during storage         -30 +65 °C           • during operation         -20 +40 °C           country of origin         Mexico           Horspower ratings         -30 +65 °C           yielded mechanical performance [hp] for 3-phase AC         -40 °C           motor         et 220/230 V rated value         15 hp           • at 220/230 V rated value         20 hp           • at 460/480 V rated value         30 hp           • at 55/600 V rated value         3           operating voltage for main current circuit at AC at 60 Hz         600 V           maximum         600 V           operating voltage for main current circuit at AC at 60 Hz         600 A           mechanical service life (switching cycles) of the main         10000000           oncitact stypical         1           number of NC contacts at contactor for auxiliary contacts         0           number of NC contacts at contactor for auxiliary contacts         1 <td< td=""><td>special product feature</td><td>ESP200 overload relay; Half-size starter</td></td<>	special product feature	ESP200 overload relay; Half-size starter
Height XWidth x Depth [in]       8.94 × 10.5 × 4.17 in         touch protection against electrical shock       Not finger-safe         installation allitude [ft] at height above sea level maximum       6660 ft         ambient temperature ['F]       - 4 +104 °F         • during operation       -4 +104 °F         ambient temperature       -22 +40 °C         • during operation       -20 +65 °C         • during operation       -20 +40 °C         motor       -20 +40 °C         country of origin       Mexico         Horsepower ratings       -20 +40 °C         wild mechanical performance [hp] for 3-phase AC       -20 hp         • at 220/200 V rated value       20 hp         • at 220/2020 V rated value       20 hp         • at 460/480 V rated value       30 hp         Contactor       Size of contactor         size of contactor for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       60 A         maximum       000000         operating voltage for main current of rauxiliary 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 conta	General technical data	
touch protection against electrical shock         Not finger-safe           installation altitude [ft] at height above sea level maximum         6560 ft           ambient temperature ['F]         64uring storage           • during storage         -22 +149 °F           • during storage         -30 +65 °C           • during operation         -20 +40 °C           country of origin         Mexico           Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC           molor         - at 200/208 V rated value         15 hp           • at 200/208 V rated value         20 hp           • at 220/20 V rated value         30 hp           • at 460/480 V rated value         30 hp           • at 575/600 V rated value         30 hp           • at 575/600 V rated value         30 hp           • bize of contacts         600 V           maximum         600 V           operating voltage for main current circuit at AC at 60 Hz         10000000           operational current at AC at 600 V rated value         60 A           operational current at AC at 600 V rated value         60 A           maximum         10000000           operating voltage for main current circuit at AC at 60 Hz         10000000           number of NC contacts at contactor	weight [lb]	8 lb
Installation altitude [ft] at height above sea level maximum       6660 ft         ambient temperature ['F]       • during operation       -22 +149 "F         ambient temperature       • during operation       -4 +104 "F         ambient temperature       -30 +65 °C       -20 +40 °C         • during operation       -20 +40 °C       -20 +40 °C         • during operation       -20 +40 °C       -20 +40 °C         • during operation       -20 +40 °C       -20 +40 °C         • during operation       -20 +40 °C       -20 +40 °C         • during operation       -20 +40 °C       -20 +40 °C         • during voltage       15 hp       -20 +40 °C         • at 200/208 V rated value       15 hp       -20 +40 °C         • at 4200/208 V rated value       20 hp       -30 hp         • at 450/480 V rated value       30 hp       -20 +40 °C         • at 450/480 V rated value       30 hp       -20 +40 °C         • at 460/480 V rated value       30 hp       -20 +40 °C         • at 575/600 V rated value       30 hp       -20 +40 °C         • at 575/600 V rated value       600 V       -20	Height x Width x Depth [in]	8.94 × 10.5 × 4.17 in
ambient temperature ['F]       -22 +149 °F         • during storage       -4 +104 °F         ambient temperature       -4 +104 °F         • during storage       -30 +65 °C         • during operation       -20 +40 °C         country of origin       Mexico         Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC         motor       - at 200/208 V rated value         • at 200/208 V rated value       20 hp         • at 200/208 V rated value       30 hp         • at 200/208 V rated value       30 hp         • at 200/208 V rated value       30 hp         • at 575/600 V rated value       30 hp         • contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (switching cycles) of the main contacts typical       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 total auxiliary contac	touch protection against electrical shock	Not finger-safe
	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       Mexico         Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC motor         • at 220/208 V rated value       15 hp         • at 220/208 V rated value       20 hp         • at 220/208 V rated value       30 hp         • at 57/600 V rated value       30 hp         contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz maximum       600 V         operational current at AC at 600 V rated value       60 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 contactor for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at con	ambient temperature [°F]	
ambient temperature       -30 +65 °C         • during storage       -30 +65 °C         • during operation       -20 +40 °C         country of origin       Mexico         Horsepower ratings       yielded mechanical performance [hp] for 3-phase AC         motor       • at 200/208 V rated value       20 hp         • at 220/230 V rated value       20 hp         • at 220/230 V rated value       30 hp         Contactor       Size of contacts for main contacts         size of contactor       Controller half size 2 1/2         number of NO contacts for main current circuit at AC at 60 Hz       600 V         maximum       600 A         operating voltage for main current circuit at AC at 60 Hz       60 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NO contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of 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	<ul> <li>during storage</li> </ul>	-22 +149 °F
• during storage       -30 +65 °C         • during operation       -20 +40 °C         country of origin       Mexico         Horsepower ratings	<ul> <li>during operation</li> </ul>	-4 +104 °F
e during operation       -20 +40 °C         country of origin       Mexico         Horsepower ratings	ambient temperature	
country of origin     Mexico       Horsepower ratings	<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       15 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 4575/600 V rated value       30 hp         contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz maximum       600 V         operational current at AC at 600 V rated value       60 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)         coll	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor       15 hp         • at 200/208 V rated value       15 hp         • at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 460/480 V rated value       30 hp         • at 4575/600 V rated value       30 hp         • at 575/600 V rated value       30 hp         • at 575/600 V rated value       30 hp         • at 575/600 V rated value       30 hp         • at 2012 V rated value       60 A         • number of NO contacts for main contacts       3         • operating voltage for main current circuit at AC at 60 Hz maximum       60 A         • operatincal current at AC at 600 V rated value       60 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 NC auxiliary contacts of contactor according       10A@600VAC (A600), 5A@	country of origin	Mexico
motorat 200/208 V rated value15 hp• at 220/230 V rated value20 hp• at 460/480 V rated value30 hp• at 460/480 V rated value30 hp• at 575/600 V rated value30 hpContactorController half size 2 1/2number of NO contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz600 Vmaximum600 Aoperational current at AC at 600 V rated value60 Amechanical service life (switching cycles) of the main contacts typical1000000Auxiliary contact0number of NC contacts at contactor for auxiliary contacts1number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)CoilLotage of the control supply voltageAC	Horsepower ratings	
• at 220/230 V rated value       20 hp         • at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         Contactor       Size of contactor         size of 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       60 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 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       10A@600VAC (A600), 5A@600VDC (P600)         Coil       AC		
• at 460/480 V rated value       30 hp         • at 575/600 V rated value       30 hp         Contactor       30 hp         size of contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 A         operational current at AC at 600 V rated value       60 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       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 total auxiliary contacts maximum       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         coil       Kype of voltage of the control supply voltage       AC	<ul> <li>at 200/208 V rated value</li> </ul>	15 hp
• at 575/600 V rated value       30 hp         Contactor       size of contactor         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (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 total auxiliary contacts of contactor according to UL       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         to UL       Explore of voltage of the control supply voltage       AC	• at 220/230 V rated value	20 hp
Contactor         size of contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 A         operational current at AC at 600 V rated value       60 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 total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       Coil       AC	<ul> <li>at 460/480 V rated value</li> </ul>	30 hp
size of contactor       Controller half size 2 1/2         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operational current at AC at 600 V rated value       60 A         mechanical service life (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       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       Coil         type of voltage of the control supply voltage       AC	<ul> <li>at 575/600 V rated value</li> </ul>	30 hp
number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       60 A         operational current at AC at 600 V rated value       60 A         mechanical service life (switching cycles) of the main contacts typical       1000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       AC	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum600 Voperational current at AC at 600 V rated value60 Amechanical service life (switching cycles) of the main contacts typical1000000Auxiliary contact0number of NC contacts at contactor for auxiliary contacts0number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts maximum7contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)CoilKentrol Supply voltage	size of contactor	Controller half size 2 1/2
maximum       operational current at AC at 600 V rated value       60 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       7         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       10000000         Auxiliary contact       10000000         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       4C		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     7       contact rating of auxiliary contacts of contactor according to UL     10A@600VAC (A600), 5A@600VDC (P600)       Coil     4C	operational current at AC at 600 V rated value	60 A
number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       4C		1000000
number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       4         type of voltage of the control supply voltage       AC	Auxiliary contact	
number of total auxiliary contacts maximum       7         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage         AC	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage       AC	number of NO contacts at contactor for auxiliary contacts	1
to UL Coil type of voltage of the control supply voltage AC	number of total auxiliary contacts maximum	7
type of voltage of the control supply voltage AC		10A@600VAC (A600), 5A@600VDC (P600)
	Coil	
control supply voltage	type of voltage of the control supply voltage	AC
	control supply voltage	

<ul> <li>at AC at 50 Hz rated value</li> </ul>	550 V
at AC at 60 Hz rated value	575 600 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
<ul> <li>external reset</li> </ul>	No
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current-	25 100 A
dependent overload release make time with automatic start after power failure	3 s
maximum	
relative repeat accuracy	1%
product feature protective coating on printed-circuit board	Yes
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
operational current of auxiliary contacts of overload relay	
• at AC at 600 V	5 A
• at DC at 250 V	1 A
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
insulation voltage (Ui)	
<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
Enclosure	
degree of protection NEMA rating	Open device (no enclosure)
design of the housing	NA
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Box lug
tightening torque [lbf·in] for supply	45 45 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	Box lug
tightening torque [lbf·in] for load-side outgoing feeder	45 45 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	2x (16 12 AWG)
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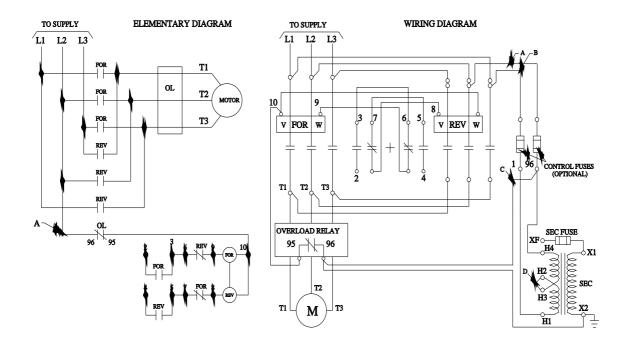
coil at AWG cables single or multi-stranded	
temperature of the conductor at magnet coil maximum permissible	75 °C
material of the conductor at magnet coil	CU
type of electrical connection for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi- stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
material of the conductor at contactor for auxiliary contacts	CU
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at overload relay for auxiliary contacts	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 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 (lcu)	
• 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, Brochu www.usa.siemens.com/iccatalog Industry Mall (Online ordering system)	
https://mall.industry.siemens.com/mall/en/us/Catalog/product	i?mlfb=US2:22GUG32AE

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:22GUG32AE

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:22GUG32AE&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:22GUG32AE/certificate



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