SIEMENS

Data sheet

US2:22BUA32AE



Reversing motor starter, Size 00, Three phase full voltage, Solid-state overload relay, OLRelay amp range 0.25-1a, 550/575 600 50/60HZ coil, Non-combination type, Enclosure type (open), No enclosure

product brand name Class 22 design of the product Full-voltage reversing motor starter special product feature ESP200 overload relay General technical data ESP200 overload relay General technical data 6 lb Height X Width X Depth [in] 7.69 × 10.5 × 3.92 in touch protection against electrical shock Not finger-safe installation altitude [ii] at height above sea level maximum 6500 ft ambient temperature [*F] - • during storage -22 +149 *F • during storage -30 +65 °C • during storage -30 +65 °C • during operation -20 +40 °C country of origin Mexico Horsepower ratings -20 +40 °C vielded mechanical performance [hp] for 3-phase AC Motor • at 200208 V rated value 0.17 hp • at 200208 V rated value 0.33 hp • at 200400 V rated value 0.33 hp • at 575/600 V rated value 9.4 operating voltage for main current circuit at AC at 60 Hz 600 V mumber of NO contacts for main contacts <td< th=""><th>Figuresinna</th><th></th></td<>	Figuresinna	
special product feature ESP200 overload relay General tochnical data • weight [Ib] 6 lb Height X Width × Depth [In] 7.69 × 10.5 × 3.92 in touch protection against electrical shock Not finger-safe installation altitude [ft] at height above sea level maximum ambient temperature [F] • during operation -u+104 °F ambient temperature -22+149 °F • during operation -u+104 °F ambient temperature -30+65 °C • during operation -20+40 °C country of origin Mexico Horsepower ratings -yielded mechanical performance [thp] for 3-phase AC motor -at 200/208 V rated value 0.17 hp • at 200/208 V rated value 0.33 hp - • at 200/208 V rated value 0.5 hp - Contactor NEMA controller size 00 - number of NO contacts for main contacts 3 600 V - operating voltage for main current circuit at AC at 60 Hz 9 A - 600 V maximum - - -	product brand name	Class 22
General technical data 6 lb weight [b] 6 lb Height x Width x Depth [n] 7.69 x 10.5 x 3.92 in Touch protection against electrical shock Not finger-safe installation altitude [II] at height above sea level maximum 6560 ft ambient temperature ("F] -4 +104 "F • during operation -4 +104 "F ambient temperature -30 +65 "C • during operation -20 +40 "C country of origin Mexico Horspower ratings -30 +65 "C • during operation -20 +40 "C country of origin Mexico Horspower ratings -30 +65 "C • et 200/208 V rated value 0.17 hp • at 200/208 V rated value 0.33 hp • at 220/230 V rated value 0.33 hp • at 450/460 V rated value 0.33 hp • at 450/500 V rated value 0.5 hp Contactor NEMA controller size 00 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 NP rated value 9.A mechanical service life (switching cycles) of the main contacts typical 0 </td <td>design of the product</td> <td>Full-voltage reversing motor starter</td>	design of the product	Full-voltage reversing motor starter
weight [b] 6 lb Height x Width x Depth [in] 7.69 × 10.5 × 3.92 in touch protection against electrical shock Not finger-safe installation attitude [ft] at height above sea level maximum 6660 ft ambient temperature [*F] - • during goeration -4+104 °F ambient temperature -30+65 °C • during operation -20+40 °C country of origin Mexico Horspower ratings -90+65 °C vielded mechanical performance [hp] for 3-phase AC 0.17 hp ot at 200/208 V rated value 0.17 hp • at 220/208 V rated value 0.33 hp • at 460/480 V rated value 0.33 hp • at 575/600 V rated value 0.5 hp Contactor NEMA controller size 00 number of NC contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 9 A operating voltage for main current circuit at AC at 60 Hz 10000000 at 200/208 V rated value 9 A operating voltage for main current circuit at AC at 60 Hz 600 V mumber of NO contacts at contactor for auxiliary con	special product feature	ESP200 overload relay
Height X Width x Depth [in] 7.69 × 10.5 × 3.92 in touch protection against electrical shock Not finger-safe installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature ['F] -22 +149 °F • during operation -4 +104 °F ambient temperature -30 +65 °C • during operation -20 +40 °C county of origin Mexico Horsepower ratings -yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 0.17 hp • at 200/208 V rated value 0.33 hp • at 460/480 V rated value 0.5 hp Contactor size of contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 9A operating voltage for main current circuit at AC at 60 Hz 1000000 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	General technical data	
touch protection against electrical shock Not finger-safe installation altitud [ft] at height above sea level maximum 6560 ft ambient temperature ['F] • during storage -22 +149 "F • during storage -22 +149 "F • during storage -20 +40 "C • during operation -4 +104 "F ambient temperature -20 +40 "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 0.17 hp • at 220/208 V rated value 0.33 hp • at 355/600 V rated value 0.5 hp Contactor size of contactor size of contactor NEMA controller size 00 number of NO contacts for main current circuit at AC at 60 Hz 3 operating voltage for main current circuit at AC at 60 Hz 8 maximum 9 A mechanical service life (switching cycles) of the main contacts 1 1 number of NC contacts at contactor for auxiliary contacts 1 1 number of NO contacts at contactor f	weight [lb]	6 lb
installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature ["F] -22 +149 "F • during sporage -30 +65 "C • during storage -30 +65 "C • during storage -20 +40 "C country of origin Mexico Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 220/230 V rated value 0.17 hp • at 220/230 V rated value 0.17 hp • at 460/480 V rated value 0.33 hp • at 607/800 V rated value 0.5 hp Contactor NEMA controller size 00 number of NC contacts for main contacts 3 operating voltage for main contacts 3 operating voltage for alt AC at 600 V rated value 9 A mechanical service life (switching cycles) of the main contacts typical 1000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts of contacts of 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 contact	Height x Width x Depth [in]	7.69 × 10.5 × 3.92 in
ambient temperature [*F] -22 +149 *F • during storage -22 +149 *F • during storage -30 +65 °C • during storage -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 0.17 hp • at 200/208 V rated value 0.17 hp • at 200/208 V rated value 0.17 hp • at 200/208 V rated value 0.33 hp • at 575/600 V rated value 0.5 hp Contactor NEMA controller size 00 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 9 A operational current at AC at 600 V rated value 9 A mechanical service life (switching cycles) of the main contacts typical 1 number of NC contacts at contactor for auxiliary contacts 1 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 contact	touch protection against electrical shock	Not finger-safe
	installation altitude [ft] at height above sea level maximum	6560 ft
	ambient temperature [°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 200/208 V rated value 0.17 hp • at 460/480 V rated value 0.33 hp • at 460/480 V rated value 0.5 hp Contactor Size of contacts for main contacts 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 9 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NO contacts of 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 <t< td=""><td> during storage </td><td>-22 +149 °F</td></t<>	 during storage 	-22 +149 °F
• during storage -30 +65 °C • during operation -20 +40 °C country of origin Mexico Horsepower ratings -30 +65 °C yielded mechanical performance [hp] for 3-phase AC motor -30 +40 °C • at 200/208 V rated value 0.17 hp • at 220/230 V rated value 0.17 hp • at 460/480 V rated value 0.33 hp • at 4575/600 V rated value 0.5 hp Contactor NEMA controller size 00 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 9 A mechanical service life (switching cycles) of the main contacts typical 10000000 AuxIllary 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 NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor according to UL 10A@600VAC (A600), 5A@600VDC (P6	 during operation 	-4 +104 °F
• 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 0.17 hp • at 220/230 V rated value 0.17 hp • at 460/480 V rated value 0.33 hp • at 575/600 V rated value 0.5 hp Contactor NEMA controller size 00 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 9 A operational current at AC at 600 V rated value 9 A mechanical service life (switching cycles) of the main contacts 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 0 number of NC contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC conta	ambient temperature	
country of origin Mexico Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor 0.17 hp • at 200/208 V rated value 0.17 hp 0.17 hp • at 220/230 V rated value 0.17 hp 0.17 hp • at 460/480 V rated value 0.33 hp 0.17 hp • at 4575/600 V rated value 0.5 hp Contactor NEMA controller size 00 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 9 A operational current at AC at 600 V rated value 9 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 NO contacts of 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	 during storage 	-30 +65 °C
Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 0.17 hp • at 220/230 V rated value 0.17 hp • at 460/480 V rated value 0.33 hp • at 4575/600 V rated value 0.5 hp Contactor NEMA controller size 00 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 9 A operational current at AC at 600 V rated value 9 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 NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) coli type of voltage of the control supply voltage AC	 during operation 	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor 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 575/600 V rated value 0.5 hp Contactor NEMA controller size 00 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 9 A operational current at AC at 600 V rated value 9 A 10000000 </td <td>country of origin</td> <td>Mexico</td>	country of origin	Mexico
motorat 200/208 V rated value0.17 hp• at 220/230 V rated value0.17 hp• at 460/480 V rated value0.33 hp• at 460/480 V rated value0.5 hpContactorsize of contactorNEMA controller size 00number of NO contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz600 Vmaximum9 Aoperational current at AC at 600 V rated value9 Amechanical service life (switching cycles) of the main contacts typical10000000Auxiliary contact0number of NC contacts at contactor for auxiliary contacts1number of NC contacts at contactor for auxiliary contacts1number of total auxiliary contacts of contactor according to UL8contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)coiltype of voltage of the control supply voltageAC	Horsepower ratings	
• at 220/230 V rated value 0.17 hp • at 460/480 V rated value 0.33 hp • at 575/600 V rated value 0.5 hp Contactor NEMA controller size 00 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 9 A operational current at AC at 600 V rated value 9 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 1 number of ND contacts of contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600)	, , , ,	
• at 460/480 V rated value0.33 hp• at 575/600 V rated value0.5 hpContactorsize of contactornumber of NO contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz600 Vmaximum9 Aoperational current at AC at 600 V rated value9 Amechanical service life (switching cycles) of the main contacts typical10000000Auxiliary contact0number of NO contacts at contactor for auxiliary contacts1number of NO 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)Coiltype of voltage of the control supply voltageAC	• at 200/208 V rated value	0.17 hp
• at 575/600 V rated value 0.5 hp Contactor size of contactor NEMA controller size 00 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum operational current at AC at 600 V rated value 9 A 9 A mechanical service life (switching cycles) of the main contacts typical 10000000 10000000 Auxiliary contact 0 1 10000000 number of NC contacts at contactor for auxiliary contacts 0 1 number of NO contacts at contactor for auxiliary contacts 1 1 number of NO contacts at contactor for auxiliary contacts 1 1 number of NO contacts at contactor for auxiliary contacts 1 1 number of NO contacts at contactor for auxiliary contacts 1 1 number of total auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) 1 Coli type of voltage of the control supply voltage AC AC	• at 220/230 V rated value	0.17 hp
Contactor NEMA controller size 00 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 9 A operational current at AC at 600 V rated value 9 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 10A@600VAC (A600), 5A@600VDC (P600) Coil type of voltage of the control supply voltage AC	• at 460/480 V rated value	0.33 hp
size of contactor NEMA controller size 00 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 9 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 10A@600VAC (A600), 5A@600VDC (P600) Coil type of voltage of the control supply voltage AC	 at 575/600 V rated value 	0.5 hp
number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 9 A operational current at AC at 600 V rated value 9 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 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	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum 600 V operational current at AC at 600 V rated value 9 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 4 type of voltage of the control supply voltage AC	size of contactor	NEMA controller size 00
maximum 9 A operational current at AC at 600 V rated value 9 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 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 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	9 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 type of voltage of the control supply voltage AC		1000000
number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 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 50 Hz rated value 	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	
overload protection	Yes
phase failure detection	Yes
 asymmetry detection 	Yes
 ground fault detection 	Yes
• test function	Yes
external reset	No
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current-	0.25 1 A
dependent overload release	
make time with automatic start after power failure 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)	
 with single-phase operation at AC rated value 	600 V
 with multi-phase operation at AC rated value 	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	Screw-type terminals
tightening torque [lbf-in] for supply	20 20 lbf in
type of connectable conductor cross-sections at line-side	1x (14 2 AWG)
at AWG cables single or multi-stranded 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	2x (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	2x (16 12 AWG)

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	

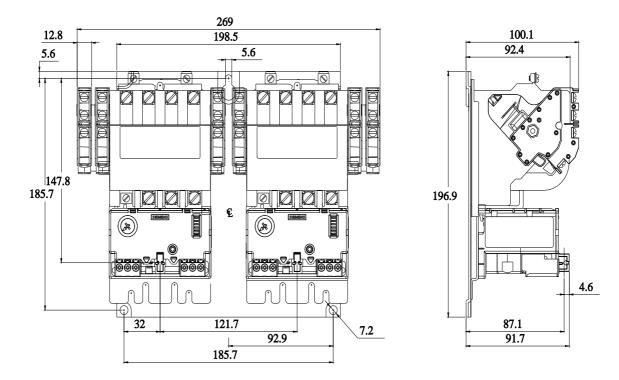
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:22BUA32AE

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:22BUA32AE

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:22BUA32AE&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:22BUA32AE/certificate



last modified:

11/29/2021 🖸