SIEMENS

Data sheet

US2:84DUD95BMF

Two 28A circuit breakers, Enclosure NEMA type 1, Indoor general purpose product bread name Class 84 design of the product Duplex controller with two MCPs without alternator special product feature ESP200 verifoad relay @design of the product SP200 verifoad relay @design of the product feature ESP200 verifoad relay @design of the product feature F weight [b] 70 lb Height X Widh x Depth [n] S4 × 25 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [1] at height above sea level maximum 6660 ft ambient temperature [TF]		Duplex starter w/o alternator, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 5.5-22A, 110V 50Hz / 120V 60Hz coil, Combination type,
design of the product Duplex controller with two MCPs without alternator special product feature ESP200 svertoad relay (Genoral technical data 70 lb weight [b] 70 lb Height X Mith X Depth [in] 34 × 25 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [i] at height above sea level maximum 6560 ft ambient temperature [rF] -22 +149 °F • during storage -22 +140 °F • during storage -30 +65 °C • during operation 20 +40 °C country of origin USA Hosspower ratings yielded mechanical performance [hp] for 3-phase AC motor • el 20/208 V rated value 3 hp • el 20/208 V rated value 3 hp • el 20/208 V rated value 3 hp • el 400480 V rated value 10 hp contactor NEMA controller size 1 number of NO contacts for main contacts 3 operating vollage for main current circuit at AC at 60 Hz 600 V maximum 8 operating vollage of the control supply volage		Two 25A circuit breakers, Enclosure NEMA type 1, Indoor general purpose use
special product feature ESP200 overload relay Centract technical data Contract weight [b] 70 lb Height X Widh x Depth [in] 34 × 25 × 8 in touch protection against electrical shock NA for enclosed products installation alliable dig th height above sea level maximum 6560 ft ambient temperature [F] - 22 +149 °F • during operation +05 °C • during operation	product brand name	Class 84
Ceneral achical data 70 lb Weight Ib] 70 lb Height X Widh X Deph [in] 54 × 25 × 8 in Iouch protection against electrical shock NA for enclosed products instalation altiude [i] at height above sea level maximum 6660 ft ambient temperature [F] • (uring storage • during operation -4 +149 °F • during operation -4	design of the product	Duplex controller with two MCPs without alternator
weight [b] 70 lb Height x Widh x Depth [in] 94 × 25 × 8 in tuck protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [Ft] - • during storage -22 +149 °F • during storage -30 +65 °C • during storage -30 +65 °C • during storage -30 +40 °C country of origin USA Horsepower ratings -20 +40 °C yielded mechanical performance [hp] for 3-phase AC motor - • at 200208 V rated value 3 hp • at 200208 V rated value 10 hp • at 450/480 V rated value 10 hp contactor NEMA controller size 1 number of NC contacts for main contacts 3 operating voltage for main contacts 3 operating voltage for main 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 </td <td>special product feature</td> <td>ESP200 overload relay</td>	special product feature	ESP200 overload relay
Height XWith x Depth [in] 34 × 25 × 8 in touch protection against electrical shock NA for enclosed products installation altidude [ft] at height above sea level maximum 660 ft ambient temperature ['F] -22 +149 'F • during storage -22 +149 'F • during storage -30 +65 'C • during operation -20 +40 'F ambient temperature -30 +65 'C • during operation -20 +40 'C country of origin USA Horsepower ratings -30 +65 'C yielded mechanical performance [tip] for 3-phase AC motor -4 +104 'F • at 200208 V rated value 3 hp • at 200208 V rated value 3 hp • at 200408 V rated value 3 hp • at 40:400 V rated value 10 hp • at 575/600 V rated value 10 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 maximum maximum 800 V ortactur 10 hp 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	General technical data	
touch protection against electrical shock NA for enclosed products installation altitude [I] at height above sea level maximum 6560 ft ambient temperature [F] - • during storage -22 +149 "F • during operation - - during operation - • et 202030 V rated value 3 hp • at 220/230 V rated value 10 hp • et 375/600 V rated value 10 hp • et 375/600 V rated value 10 hp • operating voltage for main current circuit at AC at 60 Hz anamem maximum 600 V • et 362/600 V rated value 27 A operating voltage or main current circuit at AC at 60 Hz maximum <	weight [lb]	70 lb
installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [FF]	Height x Width x Depth [in]	34 × 25 × 8 in
ambient temperature [*F] during storage 22+149 *F during operation 	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 operation -20 +40 °C country of origin USA Hore provide Vielded mechanical performance (hp) for 3-phase AC motor • at 200/230 V rated value 3 hp • at 200/230 V rated value 3 hp • at 200/230 V rated value 3 hp • at 460/480 V rated value 10 hp • at 460/480 V rated value 10 hp • at 676/000 V rated value 10 hp • at 676/000 V rated value 10 hp • operating voltage for main contacts 3 operating voltage for main contacts 3 operating voltage for auxiliary contacts 10000000 Vipical Auxiliary contacts 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 stand of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Contactor • auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) 0, 0 V	installation altitude [ft] at height above sea level maximum	6560 ft
	ambient temperature [°F]	
amblent temperature -30 +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 • at 200/208 V rated value 3 hp • at 200/208 V rated value 3 hp • at 200/208 V rated value 10 hp • at 460/480 V rated value 10 hp • at 75/600 V rated value 10 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 27 A mechanical service life (operating cycles) of the main contacts 10000000 typical 10000000 typical 10000000 typical 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	during storage	-22 +149 °F
	during operation	-4 +104 °F
• during operation -20 +40 °C country of origin USA Horsepower ratings	ambient temperature	
country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor 3 hp • at 200/208 V rated value 3 hp • at 200/208 V rated value 3 hp • at 460/480 V rated value 10 hp • at 460/480 V rated value 10 hp • at 52/020 V rated value 10 hp • at 55/600 V rated value 10 hp Contactor size of contactor size of contactor NEMA controller size 1 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum operating voltage for main current circuit at AC at 60 Hz mombarium 600 V operating voltage for main current circuit at AC at 60 Hz maximum 10000000 Vipical 10000000 Vipical 10000000 Vipical 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 contacting to UL 10A@600VAC (A600), 5A@600VDC (P600) Coll Vipe of voltage of the control supply voltage AC control supply voltage 0 0 V • at AC at 50 Hz rated value 100	during storage	-30 +65 °C
Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 220/230 V rated value 3 hp • at 220/230 V rated value 3 hp • at 220/230 V rated value 10 hp • at 460/480 V rated value 10 hp • at 575/600 V rated value 10 hp Contactor NEMA controller size 1 number of NO contacts for main current circuit at AC at 60 Hz operating voltage for main current circuit at AC at 60 Hz mechanical service life (operating cycles) of the main contacts 10000000 typical 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 NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil Upper of voltage of the control supply voltage AC control supply voltage 0 0 V 0 0 V at AC at 50 Hz rated value 110 110 V at AC at 50 Hz rated value 120 120 V <td< td=""><td>during operation</td><td>-20 +40 °C</td></td<>	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value bp at 220/230 V rated value bp at 460/480 V rated value bp contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts typical number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil type of voltage of the control supply voltage at DC rated value at	country of origin	USA
• at 200/208 V rated value 3 hp • at 220/230 V rated value 3 hp • at 460/480 V rated value 10 hp • at 675/600 V rated value 10 hp • at 575/600 V rated value 10 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 0 operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts typical 10000000 Multilary contact 10000000 Auxiliary contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil - type of voltage of the control supply voltage AC control supply voltage 0 • at DC rated value 0 0 V • at DC rated value 120 120 V holding power at AC minimum <td< td=""><td>Horsepower ratings</td><td></td></td<>	Horsepower ratings	
• at 220/230 V rated value 3 hp • at 460/480 V rated value 10 hp • at 575/600 V rated value 10 hp Contactor 10 hp Size of contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 0perating voltage for main current circuit at AC at 60 Hz mechanical service life (operating cycles) of the main contacts 10000000 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 NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NG contacts at contactor for auxiliary contacts 1 number of NG contacts at contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil	yielded mechanical performance [hp] for 3-phase AC motor	
• at 460/480 V rated value 10 hp • at 575/600 V rated value 10 hp Contactor 10 hp size of contacts 3 operating voltage for main contacts 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 7 A mechanical service life (operating cycles) of the main contacts typical 10000000 Auxiliary contact 10000000 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 total auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coll type of voltage of the control supply voltage AC control supply voltage 0 0 V • at AC at 60 Hz rated value 120 120 V holding power at AC minimum 8.6 W apparent pick-up power of magnet coil at AC 218 VA apparent pick-up power of magnet coil at AC 25 VA operating range factor control supply voltage rated value of magnet coil related value of magnet coil related value of magnet coil related to the input 50 %	• at 200/208 V rated value	3 hp
• at 575/600 V rated value 10 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 (operating cycles) of the main contacts 10000000 Vypical 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 NC contacts at contactor for auxiliary contacts 1 number of NC contacts of contactor according to UL. 10A@600VAC (A600), 5A@600VDC (P600) Coil type of voltage of the control supply voltage AC control supply voltage 0 0 V • at AC at 50 Hz rated value 110 110 V • at AC at 50 Hz rated value 120 120 V • bolding power at AC minimum 8.6 W apparent pick-up power of magnet coil at AC 218 VA apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 25 VA 0.85 1.1 <	• at 220/230 V rated value	3 hp
Contactor NEMA controller size 1 number of NO contacts for main cortacts 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 (operating cycles) of the main contacts 10000000 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 of contacts at contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 1 type of voltage of the control supply voltage AC control supply voltage 0 • at AC at 50 Hz rated value 0 • at AC at 50 Hz rated value 100 • at AC at 50 Hz rated value 120 • holding power at AC minimum 8.6 W apparent pick-up power of magnet coil at AC 25 VA operating range factor control supply voltage rated value of 0.85 1.1 magnet coil 0.85 1.1	• at 460/480 V rated value	10 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 operational current at AC at 600 V rated value 27 A operating current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts 10000000 typical 10000000 Auxiliary contact 0 number of NC 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	• at 575/600 V rated value	10 hp
number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 27 A mechanical service life (operating cycles) of the main contacts 10000000 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 of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 1 type of voltage of the control supply voltage AC control supply voltage 0 • at DC rated value 0 0 V • at AC at 50 Hz rated value 110 110 V • at AC at 60 Hz rated value 120 120 V holding power at AC minimum 8.6 W apparent holding power of magnet coil at AC 25 VA operating range factor control supply voltage rated value of 0.85 1.1 percental drop-out voltage of magnet coil related to the input 50 %	Contactor	
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maximum 27 A operational current at AC at 600 V rated value 27 A mechanical service life (operating 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 • at DC rated value 0 0 V • at AC at 50 Hz rated value 110 110 V • at AC at 60 Hz rated value 120 120 V holding power at AC minimum 8.6 W apparent pick-up power of magnet coil at AC 25 VA operating factor control supply voltage rated value of 0.85 1.1 magnet coil percental drop-out voltage of magnet coil related to the input	number of NO contacts for main contacts	3
mechanical service life (operating 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 1000000 type of voltage of the control supply voltage AC control supply voltage 00 V • at AC at 50 Hz rated value 110110 V • at AC at 60 Hz rated value 120120 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 0.85 1.1 percental drop-out voltage of magnet coil related to the input 50 %		600 V
typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 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 e at DC rated value • at AC at 50 Hz rated value 10 0 V • at AC at 60 Hz rated value 100 mover at AC minimum 8.6 W apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC belower of magnet coil related to the input	operational current at AC at 600 V rated value	27 A
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contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)CoilACtype of voltage of the control supply voltage outrol supply voltage • at DC rated valueACcontrol supply voltage • at AC at 50 Hz rated value0 0 V• at AC at 50 Hz rated value110 110 V• at AC at 60 Hz rated value120 120 Vholding power at AC minimum8.6 Wapparent pick-up power of magnet coil at AC218 VAapparent holding power of magnet coil at AC25 VAoperating range factor control supply voltage rated value of 	number of NO contacts at contactor for auxiliary contacts	1
contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)CoilACtype of voltage of the control supply voltage outrol supply voltage • at DC rated valueACcontrol supply voltage • at AC at 50 Hz rated value0 0 V• at AC at 50 Hz rated value110 110 V• at AC at 60 Hz rated value120 120 Vholding power at AC minimum8.6 Wapparent pick-up power of magnet coil at AC218 VAapparent holding power of magnet coil at AC25 VAoperating range factor control supply voltage rated value of magnet coil0.85 1.1percental drop-out voltage of magnet coil related to the input50 %	number of total auxiliary contacts maximum	8
Coil AC type of voltage of the control supply voltage AC control supply voltage 0 0 V • at DC rated value 110 110 V • at AC at 50 Hz rated value 120 120 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 50 %		10A@600VAC (A600), 5A@600VDC (P600)
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percental drop-out voltage of magnet coil related to the input 50 %	operating range factor control supply voltage rated value of	
voltage	percental drop-out voltage of magnet coil related to the input	50 %
ON-delay time 19 29 ms	ON-delay time	19 29 ms
OFF-delay time 10 24 ms	OFF-delay time	10 24 ms
Overload relay	Overload relay	
product function	product function	

a overload protection	Yes	
overload protection		
phase failure detection	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	5.5 22 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)		
 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 of the enclosure	NEMA Type 1	
design of the housing	indoors, usable on a general basis	
Circuit Breaker		
type of the motor protection	Motor circuit protector (magnetic trip only)	
operational current of motor circuit breaker rated value	25 A	
adjustable current response value current of instantaneous short-circuit trip unit	55 180 A	
Mounting/wiring		
·	Vertical	
Mounting/wiring	Vertical Surface mounting and installation	
Mounting/wiring mounting position		
Mounting/wiring mounting position fastening method	Surface mounting and installation	
Mounting/wiring mounting position fastening method fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for	Surface mounting and installation Box lug	
Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)	
Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C	
Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C AL or CU	
Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C AL or CU Screw-type terminals	
Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C AL or CU Screw-type terminals 35 35 lbf-in	
Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C AL or CU Screw-type terminals 35 35 lbf-in 1x (14 2 AWG)	
Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C AL or CU Screw-type terminals 35 35 lbf-in 1x (14 2 AWG) 75 °C	
Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder type of connectable conductor for load-side outgoing feeder tupe of connectable conductor for load-side outgoing feeder tupe of connectable conductor for load-side outgoing feeder tupe of the conductor for load-side outgoing feeder tuperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C AL or CU Screw-type terminals 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU	
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Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C AL or CU Screw-type terminals 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 5 12 lbf-in 2x (16 12 AWG) 75 °C CU Screw-type terminals 10 15 lbf-in	
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Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection at contactor for auxiliary contacts tightening torque [lbf in] at contactor for auxiliary contacts tightening torque [lbf in] at contactor for auxiliary contacts tightening torque [lbf in] at contactor for auxiliary contacts tightening torque	Surface mounting and installation Box lug 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG) 75 °C AL or CU Screw-type terminals 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 5 12 lbf-in 2x (16 12 AWG) 75 °C CU Screw-type terminals 10 15 lbf-in 1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG) 75 °C	
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for AWG cables for auxiliary contacts single or multi-stranded	
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
maximum short-circuit current breaking capacity (Icu)	
• at 240 V	100 kA
• at 480 V	100 kA
• at 600 V	25 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=US2:84DUD95BMF

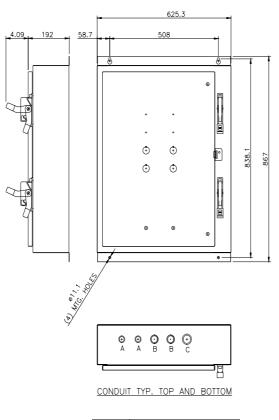
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:84DUD95BMF

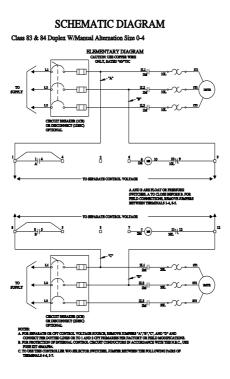
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:84DUD95BMF&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:84DUD95BMF/certificate



LETTER	CONDUIT SIZE
	ø22.2 & ø28.6 CONDUIT
В	ø28.6 & ø34.5 CONDUIT
C	ø34.5 & ø43.6 CONDUIT



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