SIEMENS

Data sheet

US2:87DUC6FA

Pump control panel, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 3-12A, 110-120/220-240VAC 60Hz coil, Standard type contactor, 30A fusible disconnect, 30A/600V fuse clip, HOA Sel Sw. <(>&<)> Start P.B., Enclosure NEMA type 3/3R, Weather proof outdoor use



product brand name Class 87 design of the product Pump control panel with fused disconnect switch special product feature ESP200 overload relay, Dual voltage coll Weight [b] 47 lb Height X Widh x Depth [n] 29 × 20 × 8 in touch protection against electrical shock NA for enclosed products instalation altidude [fl at height above sea level maximum 6560 ft ambient temperature [*F] -22 +149 *F • during storage -30 +65 °C • during sto		
special product feature ESP200 overload relay; Dual voltage coll General technical data Weight [ID] 47 Ib Height x Width x Depth [In] 29 × 20 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [II at height above sea level maximum 6660 ft ambient temperature [°F] - during operation 	product brand name	Class 87
Central technical data 47 ib weight [b] 47 ib Height XWitk X Depth [n] 28 × 20 × 8 in Louch protection against electrical shock NA for enclosed products installation altitude [l] at height above sea level maximum 6600 ft ambient temperature [rF] - • during operation -4	design of the product	Pump control panel with fused disconnect switch
weight [b] 47 lb Height x Width x Depth [in] 29 × 20 × 8 in louch protection against electrical shock NA for enclosed products installation attitude [in] at height above sea level maximum 6560 ft ambient temperature [if] -22 +149 °F • during storage -22 +149 °F • during operation -2 +40 °C country of origin USA Horsepower ratings -20 +40 °C yielded mechanical performance [hp] for 3-phase AC motor 0 hp • at 200/208 V rated value 0 hp • at 260/280 V rated value 5 hp • at 460/480 V rated value 5 hp • at 460/480 V rated value 5 hp • at 460/480 V rated value 5 hp • at 457/500 V rated value 5 hp • at 457/500 V rated value 100 V • at 457/500 V rated value 27 A operating viblage for main contacts 3 operating viblage for main contacts 3 operating viblage for main contacts 10000000 Vibrait 27 A maximum 8	special product feature	ESP200 overload relay; Dual voltage coil
Height x Width x Depth [in] 29 × 20 × 8 in touch protection against electrical shock NA for enclosed products installation attitude [ft] at height above sea level maximum 6660 ft ambient temperature [F] -22 +149 °F • during storage -22 +149 °F • during storage -20 +65 °C • during storage -30 +65 °C • during storage -20 +40 °C • ouring storage -30 +65 °C • during storage -30 +60 °C • ouring of origin USA Horsepower ratings -140 °F yielded mechanical performance [hp] for 3-phase AC motor 0 hp • at 200/260 V rated value 0 hp • at 220/230 V rated value 0 hp • at 220/230 V rated value 5 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 operating voltage for main current circuit at AC at 60 Hz 1 mumber of NC contacts at contactor for auxiliary contacts 1 number of NC contac	General technical data	
touch protection against electrical shock NA for enclosed products installation altitude [II] at height above sea level maximum 6600 ft ambient temperature [YF] - • during operation - ambient temperature - • during storage -22 +149 'F • during operation -4 +104 'F ambient temperature -20 +65 °C • during operation -20 +60 'C courty of origin USA Horsepower ratings -20 +40 'C yielded mechanical performance [hp] for 3-phase AC motor 0 hp • at 200/208 V rated value 0 hp • at 200/208 V rated value 5 hp • at 460/480 V rated value 5 hp • size of contactor NEMA controller size 1 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 1000000 operating voltage for main current circuit at AC at 60 Hz 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	weight [lb]	47 lb
installation altitude [ft] at height above sea level maximum 6660 ft ambient temperature [°F] -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 yielded mechanical performance [hp] for 3-phase AC motor • at 220/230 V rated value 0 hp • at 220/230 V rated value 0 hp • at 260/480 V rated value 5 hp • at 460/480 V rated value 5 hp • at 450/480 V rated value 5 hp • at 575/600 V rated value 5 hp • at 575/600 V rated value 5 hp • at 575/600 V rated value 7 A 000 V maximum operating voltage for main contacts 3 operating voltage for main contacts 1 humber 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 conta	Height x Width x Depth [in]	29 × 20 × 8 in
ambient temperature ["F] -22 +149 "F • during storage -24 +104 "F ambient temperature -4 +104 "F • during operation -20 +65 "C • during operation -20 +65 "C • during operation -20 +65 "C • during operation -20 +40 "C country of origin USA Horsepower ratings USA yielded mechanical performance [hp] for 3-phase AC motor 0 hp • at 220/230 V rated value 0 hp • at 220/230 V rated value 0 hp • at 450/480 V rated value 5 hp • at 660/480 V rated value 5 hp • at 660/480 V rated value 5 hp • at 75/600 V rated value 5 hp size of contactor NEMA controller size 1 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum maximum 10000000 typical 10000000 typical 0 number of NC contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1	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 Horsepower ratings USA vielded mechanical performance [hp] for 3-phase AC motor 0 hp • at 200/208 V rated value 0 hp • at 200/208 V rated value 0 hp • at 250/208 V rated value 0 hp • at 250/208 V rated value 5 hp Contactor NEMA controller size 1 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 27 A 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 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 0 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 <td>installation altitude [ft] at height above sea level maximum</td> <td>6560 ft</td>	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation -4+104 °F ambient temperature -30+65 °C • during operation -20+40 °C country of origin USA Horsepower ratings -yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 0 hp • at 220/230 V rated value 0 hp • at 420/480 V rated value 5 hp • at 450/480 V rated value 5 hp • at 65 °C	ambient temperature [°F]	
ambient 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 0 hp • at 200/208 V rated value 0 hp • at 400/480 V rated value 5 hp • at 575/600 V rated value 5 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 operating voltage for main current drulue 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 NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for according to UL 10A@e00VAC (A600), 5A@e00VDC (P600) Contact rating of auxiliary contacts of contactor according to UL 10A@e00VAC (A600), 5A@e00VDC (P600) Contol su	during storage	-22 +149 °F
• during storage -30 +65 °C • during operation -20 +40 °C country of origin USA Horsepower ratings	 during operation 	-4 +104 °F
• during operation -20 +40 °C country of origin USA Horsepower ratings	ambient temperature	
country of origin USA Horsepower ratings 0 hp • at 200/208 V rated value 0 hp • at 220/230 V rated value 0 hp • at 260/280 V rated value 0 hp • at 420/280 V rated value 0 hp • at 460/480 V rated value 5 hp • at 650/480 V rated value 5 hp • at 575/600 V rated value 5 hp Contactor NEMA controller size 1 number of NO contacts for main contacts 3 operational current circuit at AC at 60 Hz 600 V mexhanical service life (operating cycles) of the main contacts 10000000 Auxiliary contact 10000000 Auxiliary 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 of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil Vpe of voltage of the control supply voltage AC control supply voltage 0 0 V 0 V • at AC at 50 Hz rated value 0	during storage	-30 +65 °C
Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 0 hp • at 220/230 V rated value 0 hp • at 460/480 V rated value 5 hp • at 460/480 V rated value 5 hp • at 575/600 V rated value 5 hp contactor NEMA controller size 1 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V operational current at AC at 600 V rated value 27 A mechanical service life (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 ND contacts at contactor for auxiliary contacts 1 number of ND contacts at contactor for auxiliary contacts 1 number of ND contacts at contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil type of voltage of the control supply voltage <	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor 0 hp • at 200/208 V rated value 0 hp • at 220/230 V rated value 0 hp • at 460/480 V rated value 5 hp • at 575/600 V rated value 5 hp Contactor NEMA controller size 1 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 27 A operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts 10000000 typical 4uxiliary contacts at contactor for 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 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil Experimentation of the control supply voltage e at AC at 50 Hz rated value 0 0 V • at AC at 50 Hz rated value 0 0 V • at AC at 60 Hz rated value 0 0 V • at AC at 60 Hz rated value 10 240 V	country of origin	USA
• at 200/208 V rated value 0 hp • at 220/230 V rated value 0 hp • at 460/480 V rated value 5 hp • at 460/480 V rated value 5 hp • at 460/480 V rated value 5 hp • at 575/600 V rated value 5 hp Contactor NEMA controller size 1 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil	Horsepower ratings	
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• at 460/480 V rated value5 hp• at 575/600 V rated value5 hpContactorNEMA controller size 1number of NO contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz600 Vmaximum600 Voperational current at AC at 600 V rated value27 Amechanical service life (operating cycles) of the main contacts10000000typical10000000Auxiliary contact0number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts of contactor for auxiliary contacts1number of total auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)Coil	• at 200/208 V rated value	0 hp
• at 575/600 V rated value 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 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 machanical service life (operating cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coll	• at 220/230 V rated value	0 hp
Contactor NEMA controller size 1 size of 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 typical 1000000 Auxiliary contact 1000000 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts 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 voltage of the control supply voltage AC 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 e at DC rated value 0 0 V 0 V 0 V 0 V 0 V 0 V 0 V 0 V 0 V	• at 460/480 V rated value	5 hp
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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 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 Coil type of voltage of the control supply voltage AC e at DC rated value 0 0 V e at AC at 50 Hz rated value 0 0 V e at AC at 60 Hz rated value 110 240 V	number of NO contacts for main contacts	3
mechanical service life (operating 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 1 type of voltage of the control supply voltage AC control supply voltage 0 0 V • at DC rated value 0 0 V • at AC at 50 Hz rated value 10 240 V		600 V
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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 e at DC rated value 0 0 V e at AC at 50 Hz rated value 0 0 V e at AC at 60 Hz rated value 110 240 V		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 e at DC rated value 0 0 V e at AC at 50 Hz rated value 0 0 V e at AC at 60 Hz rated value 10 240 V	Auxiliary contact	
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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 control supply voltage • at DC rated value 0 0 V • at AC at 50 Hz rated value 0 0 V • at AC at 60 Hz rated value 110 240 V	number of NO contacts at contactor for auxiliary contacts	1
Coil AC type of voltage of the control supply voltage AC control supply voltage 0 0 V • at DC rated value 0 0 V • at AC at 50 Hz rated value 0 0 V • at AC at 60 Hz rated value 110 240 V	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage AC control supply voltage 00 V • at DC rated value 00 V • at AC at 50 Hz rated value 00 V • at AC at 60 Hz rated value 110240 V	contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
control supply voltage 0 0 V • at DC rated value 0 0 V • at AC at 50 Hz rated value 0 0 V • at AC at 60 Hz rated value 110 240 V	Coil	
• at DC rated value 0 0 V • at AC at 50 Hz rated value 0 0 V • at AC at 60 Hz rated value 110 240 V	type of voltage of the control supply voltage	AC
• at AC at 50 Hz rated value 0 0 V • at AC at 60 Hz rated value 110 240 V	control supply voltage	
• at AC at 60 Hz rated value 110 240 V	• at DC rated value	0 0 V
	• at AC at 50 Hz rated value	0 0 V
holding power at AC minimum 8.6 W	• at AC at 60 Hz rated value	110 240 V
	holding power at AC minimum	8.6 W

apparent pick up power of magnet soil at AC	218 VA
apparent pick-up power of magnet coil at AC	0.85 1.1
operating range factor control supply voltage rated value of magnet coil	
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	Yes
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 (factory set) / 20 / 30
djustable current response value current of the current- dependent overload release	3 12 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	1A
contact rating of auxiliary contacts of overload relay according to	5A@600VAC (B600), 1A@250VDC (R300)
UL	0/(@0000//0 (E000), //(@2000E0 (//000)
insulation voltage (Ui)	
 with single-phase operation at AC rated value 	600 V
 with multi-phase operation at AC rated value 	300 V
with multi-phase operation at AC rated value Disconnect Switch	300 V
	300 V 30A / 600V
Disconnect Switch	
Disconnect Switch response value of switch disconnector	30A / 600V
Disconnect Switch response value of switch disconnector design of fuse holder	30A / 600V Class H fuse clips
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link	30A / 600V Class H fuse clips
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button type of start push button	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button Mounting/wiring mounting position	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Vertical Surface mounting and installation Box lug
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Vertical Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG)
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Vertical Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button Mounting/wiring mounting position fastening method 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	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Vertical Surface mounting and installation Box lug 35 35 lbf in 1x (14 2 AWG) 75 °C AL or CU
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Vertical Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals
Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch type of start push button type of start push button Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Vertical Surface mounting and installation Box lug 35 35 lbf in 1x (14 2 AWG) 75 °C AL or CU
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Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating of the enclosure design of the housing Standard Control Devices product component Hand-Off-Auto selector switch type of Hand-Off-Auto selector switch product component start push button type of start push button Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 ou	30A / 600V Class H fuse clips Class H, J (retrofittable), K and R NEMA Type 3R Weather proof for outdoor use Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Yes 30mm metal housing with matte finish Vertical Surface mounting and installation Box lug 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 35 35 lbf-in 1x (14 2 AWG) 75 °C AL or CU AL or CU AL or CU
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type of connectable conductor cross-sections of magnet coil for 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 for 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 for 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)
certificate of suitability	NEMA ICS 2; UL 508
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=US2:87DUC6FA

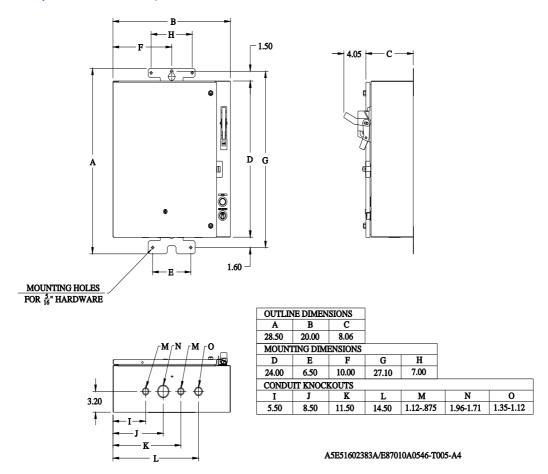
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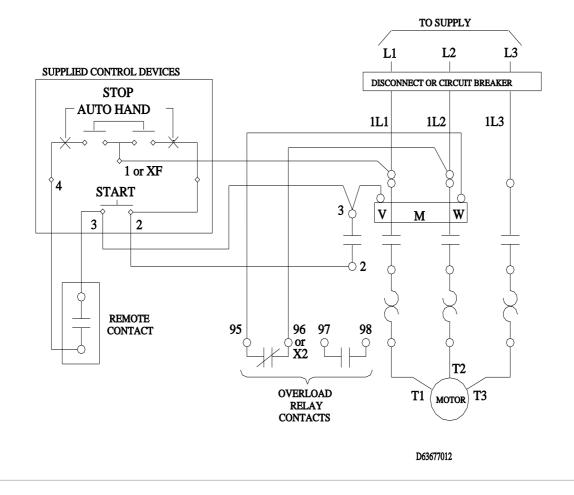
https://support.industry.siemens.com/cs/US/en/ps/US2:87DUC6FA

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:87DUC6FA&lang=en

Certificates/approvals

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