SIEMENS

Data sheet

US2:87DUB6FF

Pump control panel, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 0.75-3.4A, 110V 50Hz / 120V 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 Bump control panel with fused disconnect switch special product feature ESP200 overload relay General technical data Veright [b] Height x Width x Deph [in] 29 × 20 × 8 in Touch protection against electrical shock NA for enclosed products installation attivute [If at height above sea level maximum 6660 ft ambient temperature [TF] - • during storage -22 +149 °F • during storage -30 +65 °C • during storage -30 +65 °C • during storage -30 +65 °C • during storage -30 +40 °F • during storage -30 +40 °C • at 200/208 V rated value 0 hp • at 420/2020 V rated value 1 hp • at 420/2020 V rated value 1 hp • at 420/2020 V rated value 1 hp • at 20/2020 V rated value 1 hp • at 20/2020 V rated v		
special product feature ESP200 overload relay General technical data	product brand name	Class 87
General technical data 47 lb weight [b] 47 lb Height XWith X Deph [in] 28 × 20 × 8 in Touch protection against electrical shock NA for enclosed products installation attitude [i] at height above sea level maximum 6600 ft ambient temperature ['F] -22 +149 'F • during operation -4 +104 'F ambient temperature -30 +65 'C • during storage -30 +65 'C • at 200/200 V rated value 0 hp • at 200/200 V rated value 1 hp stor of contacts Na Storage stor of contacts for main contacts 3	design of the product	Pump control panel with fused disconnect switch
weight [Ib] 47 lb Height X Widh x Depth [in] 29 × 20 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [If] at height above sea level maximum 6660 ft ambient temperature [YF] -22 +149 "F • during storage -22 +149 "F • during storage -30 +65 °C • during operation -20 +40 "C country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200208 V rated value 0 hp • at 200208 V rated value 0 hp • at 200208 V rated value 1 hp • at 200208 V rated value 27 A generating voltage for main contacts 3 operating voltage for main contacts 3 operating voltage of thc contactor for auxiliary contacts 1 <t< td=""><td>special product feature</td><td>ESP200 overload relay</td></t<>	special product feature	ESP200 overload relay
Height x Widh x Deph [in] 29 × 20 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6660 ft ambient temperature ['F] -22 +149 'F • during storage -22 +149 'F • during storage -20 +65 'C • during storage -20 +46 'C • during storage -20 +46 'C • during storage -30 +65 'C • at 200230 V rated value 0 hp • at 220/230 V rated value 0 hp • at 220/230 V rated value 0 hp • at 220/230 V rated value 1 hp stee 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 -27 A mechanical service life (operating cycles) of the main contacts 10000000 typizal 0 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 1 number of NOC contacts at contactor for auxiliary contacts 1 number of NOC co	General technical data	
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installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [F] -22 +149 "F • during storage -22 +149 "F ambient temperature -4 +104 "F ambient temperature -20 +65 °C • during operation -20 +40 °C country of origin USA Horsepower ratings -90 +65 °C yleided mechanical performance [hp] for 3-phase AC motor 0 hp • at 202036 V rated value 0 hp • at 202036 V rated value 0 hp • at 202036 V rated value 0 hp • at 575/600 V rated value 1 hp • at 575/600 V rated value 1 hp • at 575/600 V rated value 20 V rated value operating voltage for main contacts 3 operating voltage for main contacts 3 operating voltage for main contacts 10000000 Vipical 27 A number of NO contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts	Height x Width x Depth [in]	29 × 20 × 8 in
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• during storage -30 +65 °C • during operation -20 +40 °C country of origin USA Horsepower ratings 9 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 0 hp • at 460/480 V rated value 1 hp • at 657/600 V rated value 1 hp • at 675/600 V rated value 1 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 10000000 typical number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 10000000 Auxillary contacts 1 10A@600VAC (A600), 5A@600VDC (P600) Coll USA 10A@600VAC (A600), 5A@600VDC (P600) Coll USA 0 0 Lype of voltage of the control supply v	 during operation 	-4 +104 °F
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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 0 hp • at 460/480 V rated value 1 hp • at 575/600 V rated value 1 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 600 V mechanical service life (operating cycles) of the main contacts 10000000 typical 4uxiliary contact 1 Auxiliary contact 0 0 number of NC contacts at contactor for auxiliary contacts 0 0 number of NC contacts at contactor for auxiliary contacts 1 0 number of NC contacts at contactor for auxiliary contacts 0 0 number of NC contacts at contactor for auxiliary contacts 1 0 number of NC contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Color contact rating of auxiliary contacts of contact	 during operation 	-20 +40 °C
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• at 220/230 V rated value 0 hp • at 460/480 V rated value 1 hp • at 575/600 V rated value 1 hp contactor 1 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 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 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) col 1 vipa 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 110 110 V <td>yielded mechanical performance [hp] for 3-phase AC motor</td> <td></td>	yielded mechanical performance [hp] for 3-phase AC motor	
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• at 575/600 V rated value 1 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 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 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 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 • at AC at 50 Hz rated value 110 110 V 120 V	• at 220/230 V rated value	0 hp
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maximum and a structure of the structure of	number of NO contacts for main contacts	3
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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 1 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 60 Hz rated value 120 120 V		1000000
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Coil 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 110 110 V • at AC at 60 Hz rated value 120 120 V	number of total auxiliary contacts maximum	8
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 110 110 V • at AC at 60 Hz rated value 120 120 V	contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
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control supply voltage0 0 V• at DC rated value0 0 V• at AC at 50 Hz rated value110 110 V• at AC at 60 Hz rated value120 120 V	type of voltage of the control supply voltage	AC
• at DC rated value0 0 V• at AC at 50 Hz rated value110 110 V• at AC at 60 Hz rated value120 120 V		
• at AC at 60 Hz rated value 120 120 V		0 0 V
• at AC at 60 Hz rated value 120 120 V	• at AC at 50 Hz rated value	110 110 V
holding power at AC minimum 8.6 W	• 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	
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	Yes
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 (factory set) / 20 / 30
adjustable current response value current of the current- dependent overload release	0.75 3.4 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 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
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	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
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 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 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)
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 Yes 30mm metal housing with matte finish Vers 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 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 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 outgoing feeder tightening torque [lbf-in] 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 Yes 30mm metal housing with matte finish Vers 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 type of start push button fype of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable 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 Screw-type terminals 20 24 lbf-in 2x (14 10 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 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 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 20 24 lbf-in 2x (14 10 AWG) 75 °C 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 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 connectable conductor cross-sections for AWG cables for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feede	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 20 24 lbf-in 2x (14 10 AWG) 75 °C

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=US2:87DUB6FF

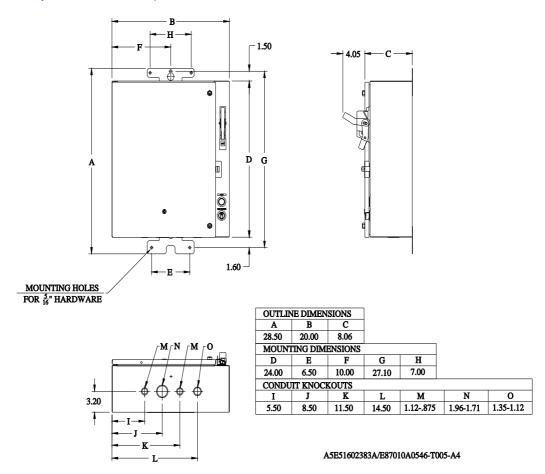
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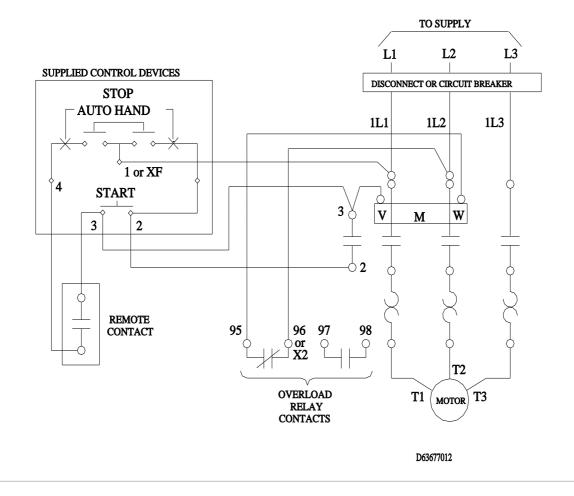
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:87DUB6FF&lang=en

Certificates/approvals

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last modified:

1/25/2022 🖸