## SIEMENS

## Data sheet

## US2:83CUD920F



Duplex starter w/ alternator, Size 0, Three phase full voltage, Solid-state overload relay, OLRelay amp range 5.5-22a, 110V 50HZ / 120V 60HZ coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

Figure similar
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design of the product     Duplex controller with alternator       special product feature     ESP200 overload relay       Concrat technical data     40 lb       weight [lb]     40 lb       Height x Width x Deph [ln]     40 lb       touch protection against electrical shock     NA for enclosed products       installation altitude [ft] at height above sea level maximum     6560 ft       ambient temperature [*F]     -22 +149 "F       • during storage     -22 +149 "F       • during storage     -30 +65 "C       • during storage     -30 +65 "C       • during storage     -30 +66 "C       • during storage     -30 +66 "C       • during storage     -30 +66 "C       • during operation     -20 +40 °C       country of origin     USA       Horsepower ratings       yielded mechanical performance [hp] for 3-phase AC       motor     a ta 200/208 V rated value       • at 200/208 V rated value     3 hp       • at 200/208 V rated value     0 hp       • at 450/480 V rated value     0 hp       • size of contactor     NEMA controller size 0       number of NO contacts for main contacts     3       operating voltage for main current circuit at AC at 60 Hz       maximum     00 V       operating voltage for auxiliary contact	product brand name	Class 83
General technical data       40 lb         weight [Ib]       40 lb         Height x Width x Depth [in]       20 × 16 × 6 in         Douch protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [*F]       -         • during storage       -22 +149 "F         • during operation       -4 +104 "F         ambient temperature       -         • 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 40/480 V rated value       3 hp         • at 40/480 V rated value       3 hp         • at 40/480 V rated value       0 hp         • at 575/600 V rated value       0 hp         contactor       NEMA controller size 0         number of NO contacts for main contacts       3         operational current at AC at 600 V rated value       18 A         mechanical service life (switching cycles) of the main contacts typical       1         Auxillary contact       0         number of NO contacts at contactor for auxillary contacts       <	design of the product	Duplex controller with alternator
weight [lb]       40 lb         Height x Width x Depth [in]       40 lb         itouch protection against electrical shock       NA for enclosed products         installation altitude [f] at height above sea level maximum       660 ft         ambient temperature ['F]       -22 +149 'F         • 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         witor       at 280/208 V rated value       3 hp         • at 200/208 V rated value       3 hp         • at 250/208 V rated value       3 hp         • at 260/480 V rated value       3 hp         • at 260/480 V rated value       0 hp         Contactor       3         size of contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       300 V         maximum       10000000         operational current at AC at 600 V rated value       18 A         mechanical service life (switching cycles) of the main contacts fypical       10000000         number of NC contacts at contactor for auxiliary contacts       1         number of NC	special product feature	ESP200 overload relay
Height X Width X Depth [in]       20 × 16 × 6 in         touch protection against electrical shock       NA for enclosed products         installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature ["F]       -22 +149 "F         • during storage       -22 +149 "F         • during storage       -30 +65 "C         • during storage       -30 +65 "C         • during storage       -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 450/480 V rated value       0 hp         • at 450/480 V rated value       0 hp         • at 576/600 V rated value       3         • at 576/600 V rated value       0 hp         contactor       NEMA controller size 0         number of NC contacts for main current circuit at AC at 60 Hz       600 V         maximum       0         operating voltage for main current circuit at AC at 60 Hz       10000000         maximum       0         operating voltage for main current circuit at AC at 60 Hz       10000000         match ty bpical	General technical data	
Integration       Image: Arrival Sector	weight [lb]	40 lb
installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature ['F]       -22 +149 °F         • during operation       -4 +104 °F         ambient temperature       -30 +65 °C         • during operation       -20 +40 °C         country of origin       USA         Horsepower ratings       -20 +40 °C         yielded mechanical performance [hp] for 3-phase AC motor       at 200/208 V rated value       3 hp         • at 220/230 V rated value       3 hp       at 460/480 V rated value       0 hp         • at 420/208 V rated value       0 hp       0 th       Contactor         size of contacts       NEMA controller size 0       number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz maximum       600 V       00 V         operating voltage for main current circuit at AC at 60 Hz maximum       10000000       00         operating voltage for main current circuit at AC at 60 Hz maximum       10000000       10000000         operating voltage for main current circuit at AC at 60 Hz maximum       10000000       10000000         operating voltage for main current circuit at AC at 60 Hz maximum       10000000       10000000         operating voltage for main current circuit at AC at 60 Hz maxiliary contacts       0 <td>Height x Width x Depth [in]</td> <td>20 × 16 × 6 in</td>	Height x Width x Depth [in]	20 × 16 × 6 in
ambient temperature ["F]       -22 +149 "F         • 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       yielded mechanical performance [hp] for 3-phase AC motor         • at 200/208 V rated value       3 hp         • at 250/230 V rated value       3 hp         • at 460/480 V rated value       0 hp         • at 450/600 V rated value       0 hp         • at 450/7600 V rated value       0 hp         • at 575/600 V rated value       0 hp         • at 557/600 V rated value       0 hp         • at 550/600 V rated value       1 hp         • at 460/480 V rated value       1 hp         • at 460/480 V rated value       0 hp         • at 557/600 V rated value       0 hp         • at 557/600 V rated value       1 hp         • at 460/480 V rated value       1 hp         • operating voltage for main current circuit at AC at 60 Hz       600 V	touch protection against electrical shock	NA for enclosed products
• during storage       -22 +149 °F         • during operation       -4 +104 °F         ambient temperature       -4 +104 °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 200/208 V rated value       3 hp         • at 220/230 V rated value       3 hp         • at 4575/600 V rated value       0 hp         • at 4575/600 V rated value       0 hp         contactor       NEMA controller size 0         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       18 A         mechanical service life (switching cycles) of the main contacts pipela       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 NO contacts at contactor for auxiliary contacts       1         number of total au	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       3 hp         • at 220/230 V rated value       3 hp         • at 460/480 V rated value       0 hp         • at 575/600 V rated value       0 hp         contactor       NEMA controller size 0         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       8A         maximum       600 V         operational current at AC at 600 V rated value       18 A         mechanical service life (switching cycles) of the main contacts typical       0         Auxiliary contact       0         number of NO 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 <td>ambient temperature [°F]</td> <td></td>	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       3 hp         • at 220/230 V rated value       3 hp         • at 460/480 V rated value       0 hp         Contactor       0 hp         Size of contactor       NEMA controller size 0         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       18 A         mechanical service life (switching cycles) of the main contacts to for auxiliary contacts       0         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1	<ul> <li>during storage</li> </ul>	-22 +149 °F
• during storage       -30 +65 °C         • during operation       -20 +40 °C         country of origin       USA         Horsepower ratings	<ul> <li>during operation</li> </ul>	-4 +104 °F
• 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 220/230 V rated value       3 hp         • at 460/480 V rated value       0 hp         • at 460/480 V rated value       0 hp         Contactor       NEMA controller size 0         size of 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       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of contacts according to UL       8	ambient temperature	
country of origin       USA         Horsepower ratings       yielded mechanical performance [hp] for 3-phase AC motor       a t 200/208 V rated value       3 hp         • at 200/208 V rated value       3 hp       at 460/480 V rated value       0 hp         • at 460/480 V rated value       0 hp       0 hp         • at 4575/600 V rated value       0 hp         • at 4575/600 V rated value       0 hp         • at 4575/600 V rated value       0 hp         Contactor       NEMA controller size 0         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         operational current at AC at 600 V rated value       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)	<ul> <li>during storage</li> </ul>	-30 +65 °C
Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC motor         • at 200/208 V rated value       3 hp         • at 220/230 V rated value       3 hp         • at 220/230 V rated value       3 hp         • at 460/480 V rated value       0 hp         • at 460/480 V rated value       0 hp         • at 575/600 V rated value       0 hp         Contactor       NEMA controller size 0         size of contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz maximum       600 V         operational current at AC at 600 V rated value       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       0         number of ND contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       8	<ul> <li>during operation</li> </ul>	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC         motor         • at 200/208 V rated value       3 hp         • at 220/230 V rated value       3 hp         • at 460/480 V rated value       0 hp         • at 460/480 V rated value       0 hp         • at 575/600 V rated value       0 hp         Contactor       0 hp         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       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of con	country of origin	USA
motor       • at 200/208 V rated value       3 hp         • at 220/230 V rated value       3 hp         • at 420/480 V rated value       0 hp         • at 460/480 V rated value       0 hp         • at 575/600 V rated value       0 hp         Contactor       NEMA controller size 0         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       18 A         operational current at AC at 600 V rated value       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts       1         number of NO contacts the 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)	Horsepower ratings	
• at 220/230 V rated value       3 hp         • at 460/480 V rated value       0 hp         • at 575/600 V rated value       0 hp         Contactor       NEMA controller size 0         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       0 perational current at AC at 600 V rated value       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts of contacts of 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)		
• at 460/480 V rated value         0 hp           • at 575/600 V rated value         0 hp           Contactor         size of contactor           size of contactor         NEMA controller size 0           number of NO contacts for main contacts         3           operating voltage for main current circuit at AC at 60 Hz         600 V           maximum         0perational current at AC at 600 V rated value         18 A           mechanical service life (switching cycles) of the main contacts typical         10000000         1000000           Auxiliary contact         0         1         10000000           number of NC contacts at contactor for auxiliary contacts         0         1           number of NC contacts at contactor for auxiliary contacts         1         1           number of NO contacts at contactor for auxiliary contacts         1         1           number of total auxiliary contacts maximum         8         8         1           contact rating of auxiliary contacts of contactor according to UL         10A@600VAC (A600), 5A@600VDC (P600)         1	• at 200/208 V rated value	3 hp
• at 575/600 V rated value         0 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         18 A           mechanical service life (switching cycles) of the main contacts typical         10000000           Auxiliary contact         0           number of NC contacts at contactor for auxiliary contacts         1           number of NC contacts at contactor for auxiliary contacts         1           number of NC contacts at contactor for auxiliary contacts         1           number of NO contacts at contactor for auxiliary contacts         1           number of total auxiliary contacts maximum         8           contact rating of auxiliary contacts of contactor according to UL         10A@600VAC (A600), 5A@600VDC (P600)	<ul> <li>at 220/230 V rated value</li> </ul>	3 hp
Contactor       NEMA controller size 0         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       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)	<ul> <li>at 460/480 V rated value</li> </ul>	0 hp
size of contactor       NEMA controller size 0         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       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       8	<ul> <li>at 575/600 V rated value</li> </ul>	0 hp
number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       18 A         operational current at AC at 600 V rated value       18 A         mechanical service life (switching cycles) of the main contacts typical       10000000         Auxiliary contact       0         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum600 Voperational current at AC at 600 V rated value18 Amechanical service life (switching cycles) of the main contacts typical10000000Auxiliary contact0number of NC contacts at contactor for auxiliary contacts0number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts maximum8contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)	size of contactor	NEMA controller size 0
maximum       number of NC contacts at contactor for auxiliary contacts       18 A         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)	number of NO contacts for main contacts	3
mechanical service life (switching cycles) of the main contacts typical       1000000         Auxiliary contact       1000000         number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)		600 V
contacts typical       Auxiliary contact         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)	operational current at AC at 600 V rated value	18 A
number of NC contacts at contactor for auxiliary contacts       0         number of NO contacts at contactor for auxiliary contacts       1         number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)		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)	Auxiliary contact	
number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600)	number of NO contacts at contactor for auxiliary contacts	1
to UL	number of total auxiliary contacts maximum	8
Coil		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	110 110 V
at AC at 60 Hz rated value	120 120 V
holding power at AC minimum	8.6 W
	218 V·A
apparent pick-up power of magnet coil at AC	
apparent holding power of magnet coil at AC	25 V·A
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 %
switch 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
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	
<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
Enclosure	
degree of protection NEMA rating of the enclosure	NEMA 12 enclosure
design of the housing	Dust tight and drip proof for indoors
5 5	
Mounting/wiring	Vertical
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Screw-type terminals
tightening torque [lbf·in] for supply	20 20 lbf·in
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded	1x (14 2 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder	20 20 lbf·in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded	1x (14 2 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	AL or CU

type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	5 12 lbf-in
type of connectable conductor cross-sections of magnet coil at 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 at AWG cables for auxiliary contacts single or multi- stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
material of the conductor at contactor for auxiliary contacts	CU
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi- stranded	2x (20 14 AWG)
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
material of the conductor at overload relay for auxiliary contacts	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)
design of the short-circuit trip	Thermal magnetic circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	14 kA
• at 480 V	10 kA
• at 600 V	10 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
Further information	
Industrial Controls - Product Overview (Catalogs, Broch	ures)

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=US2:83CUD920F

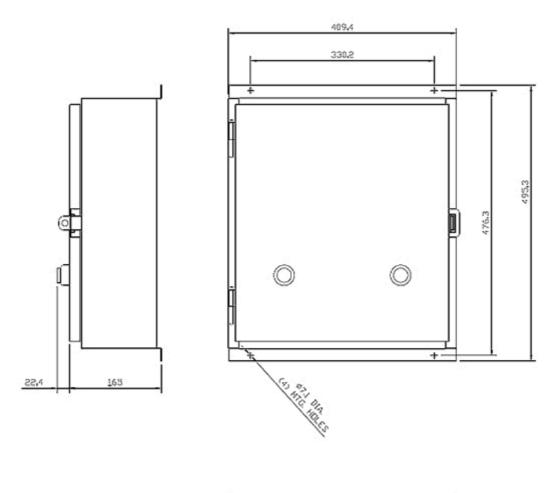
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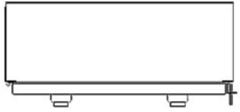
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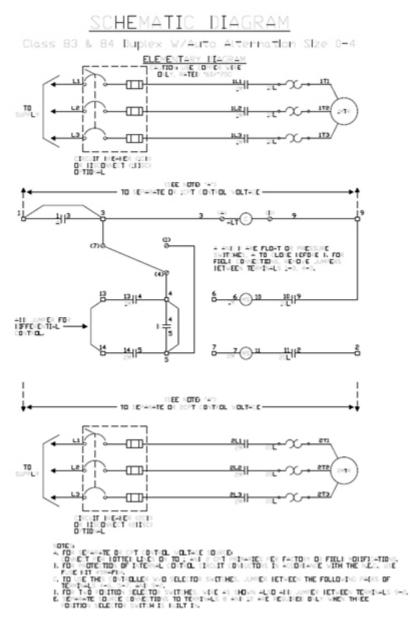
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:83CUD920F&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:83CUD920F/certificate







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3/13/2020 🖸