## SIEMENS

## Data sheet

## US2:17HUG92ND14



Non-reversing motor starter, Size 3, Three phase full voltage, Solid-state overload relay, OLR amp range 25-100A, 208VAC 60Hz coil, Combination type, 100A fusible disconnect, 100A/250V fuse clip, Enclosure NEMA type 4/12, Water/dust tight for outdoors, Standard width enclosure

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product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay
General technical data	
weight [lb]	52 lb
Height x Width x Depth [in]	24 × 20 × 8 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
<ul> <li>during storage</li> </ul>	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
<ul> <li>during storage</li> </ul>	-30 +65 °C
<ul> <li>during operation</li> </ul>	-20 +40 °C
country of origin	USA
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	20 hp
• at 220/230 V rated value	25 hp
• at 460/480 V rated value	0 hp
• at 575/600 V rated value	0 hp
Contactor	
size of contactor	NEMA controller size 3
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	90 A
mechanical service life (switching cycles) of the main contacts typical	500000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	0
number of NO contacts at contactor for auxiliary contacts	1
number of total auxiliary contacts maximum	7
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	

• Veho do to the value         Value           • Johding power at AC maintum         14 W           apparent holding power of magnet coil at AC         310 VA           apparent holding power of magnet coil at AC         28 VA           Operating range factor control supply voltage rated value         0.85 1.1           of magnet coil         50 VA           Operating range factor control supply voltage rated value         0.85 1.1           OPEr delay time         26 41 ms           OPEr-delay time         14 18 ms           Overload protection         Yes           • opend fault detection         Yes           • symmetry detection         Yes           • symmetry detection         Yes           • set function         CALSS 5 / 10 / 20 (dectory set / 30           tripping time all detection         Yes           relative reget accuracy         Yes           relative	• at AC at 60 Hz rated value	208 V
apparent holicing power of magnet coil at AC         240 VA           operating range factor coils auxiliary control supply voltage rated value         0.85 1.1           or magnet coil         60 %.           ON-delay time         50 %.           ON-delay time         50 %.           OVerload rates/         50 %.           OVerload rates/         50 %.           Overload rates/         50 %.           product function         Yes           • everload protection         Manual, automatic and remote           (fg) class         Class 5 / 10 / 20 (factory set) / 30           eliptable current of auxiliary contacts of overload         1           product fasture protection adamatic and remote         1           relobs adamatic adivecture contacts of auxiliary contac		
apparent hotsing power of magnet coll is LC         28 VA.           operating range field control supply voltage rated value         28 S 1.1           presental drop-out-voltage of magnet coll related to the         50 %.           ON-delay time         264 ms           OFF-delay time         264 ms           OFF-delay time         264 ms           Overlaad protection         Yes           • overlaad protection		
operational control supply voltage rated value         0.85 1.1           percential drop-out voltage of magnet coil related to the input voltage         50 %.           OPF-delay time         26 41 ms           OPF-delay time         14 19 ms           Overdoad relay         me           overdoad relay         me           overdoad relay         Yes           oppound fault detection         Yes           • external reset         Yes           • reset function         Manual, automatic and remote           rippid us at phase loss maximum         3 s           relative repeat external reset         Yes           rippid us		
of magnet coll       50 %         percental drop-out voltage of magnet coll related to the input voltage.       50 %         ON-delay time       26 41 ms         OFF-delay time       14 19 ms         product function       Yes         • overload protection       Yes         • asymmetry detection       Yes         • asymmetry detection       Yes         • external resel       Yes         reset function       Yes         reset function       Yes         regional fault detection       Yes         regional fault detection       Yes         regional fault detection       Yes         regional fault detection       Yes         regional resel       Yes         regional fault detection       Yes         regional fault reportective costing on printed-circuit boord       Yes         number of NC contacts of auxiliary contacts of overload relay       SA         • at DC at 260 V       SA        • at DC at 260 V <t< td=""><td></td><td></td></t<>		
input voltage ' Ch-delay time		0.00 1.1
OH-day time     2641 ms       OFF-delay time     1419 ms       Overload protection     Yes       • overload protection     Yes       • asymmetry detection     Yes       • asymmetry detection     Yes       • asymmetry detection     Yes       • external reset     Yes       • external reset     Yes       • external reset     Yes       regional fault detection     Yes       • external reset     Yes       regional current response value current of the current- degreent on verdiad release     25 100 A       relative repeat accuracy     1%       relative repeat accuracy     1%       oproduct facture protective coating on printed-circuit board     1       relay     1       order table of auxiliary contacts of overload relay     1       relay     1     1       oprational current of auxiliary contacts of overload relay     5 A       • at DC at 250 V     5 A       • at DC at 250 V     5 A       • at DC at		50 %
OF-Faday time     14 19 ms       Overload rolacy     Yes       • overload protection     Yes       • opact fullice detection     Yes       • est function     Yes       • est function     Yes       • est function     Manual. automatic and remote       Tip class     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response value current of the current-dependent overload relaxes     100 A       Product failty protective coaling on printed-circuit board     Yes       number of NC contacts of auxiliary contacts of overload relay     1       operational current of auxiliary contacts of overload relay     1       operational current of auxiliary contacts of overload relay     5 A       • at CC at 20 V     1 A       contact rating of auxiliary contacts of overload relay     5 A       operational current of auxiliary contacts of overload relay     5 A       • at CC at 20 V     1 A       contact rating of auxiliary contacts of overload relay     5 A       operation at AC rated value     300 V       Disconnect Switch     Class R tase clips       operating class of the fuse link     Class R       Class R     Class R <t< td=""><td></td><td></td></t<>		
Overload Falay         Yes           product function         Yes           • operiod protection         Yes           • asymmetry detection         Yes           • aground faul detection         Yes           • external reset         Yes           reset function         Yes           adjustable current response value current of the current- dependent overdar release         Yes           relative repeat accuracy         1 %           product facture protective costing on printed-circuit board         Yes           number of NC contacts of auxiliary contacts of overload relay         3 s           optrational current of auxiliary contacts of overload relay         5 A           outrent of auxiliary contacts of overload relay         5 A           outrent of auxiliary contacts of overload relay         5 A           outrent of auxiliary contacts of overload relay         5 A           outrent of auxiliary contacts of overload relay         5 A           according to UL         5 A           insultation voltage (UI)         600 V           • with multi-phase operation at AC rated value         600 V           observet         000 V           outret rating protection NEMA rating         4, 12           design of thuse holder         Class R <t< td=""><td></td><td></td></t<>		
product function     Yes       • overfoad protection     Yes       • aynmetry detection     Yes       • arguing fault detection     Yes       • rest function     Yes       • test function     Yes       • external reset     Yes       • reset function     Manual, automatio and remote       Trip class     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response value current of the current-     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response walue current of the current-     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response walue current of the current-     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response walue current of the current-     CLASS 5 / 10 / 20 (factory set) / 30       product feature protective coaling on printed-circuit board     1       relative repeat accuracy     1 %       product feature protective coaling on vortacts of overload     1       relative repeat accuracy     1 A       contract rating of auxiliary contacts of overload relay     5 A       • al D Cal 280 V     1 A       contract rating of auxiliary contacts of overload relay     5 A       • all C al 280 V     1 A       contract rating of auxiliary contacts of overload relay     5 A       • with mithip-base operation at AC rated value     500 V		14 19 MS
• overlead protection         Yes           • phase failure detection         Yes           • asymmetry detection         Yes           • ground fault detection         Yes           • external reset         Yes           • external resons maximum         3s           • filtping time at phase-loss maximum         3s           • relative repeat accuracy         1%           product testure protective coating on printed-circuit board         1           • relative repeat accuracy         1*           • at DC oracts of auxiliary contacts of overload relay         1           • at DC at 250 V         5 A           • at DC at 250 V         5 A           • at DC at 250 V         5 A           • with multi-phase operation at AC rated value         300 V		
Phase failure detection     Yes     agrum dru detection     Yes     ground fault detection     Yes     reself unction     Yes     reset function     reset function     Yes     reset function     reset function     reset function     reset function     reset function     Yes     reset function     reset function     Yes     reset function     reset funcotion     reset function     reset function     reset funcon	•	
esymmetry detection     Yes     ground fault detection     Yes     vestmain reset     vestmain reset     ves     vestmain reset     ves     vestmain reset     Ves     ves     ves     vestmain reset     Ves	•	
• external reset         Yes           reset function         Manual, automatic and remote           digustable current response value current of the current- dependent overload release         CLASS 5/ 10/20 (factory set)/30           adjustable current response value current of the current- dependent overload release         3 s           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           operational current of auxiliary contacts of overload relay         5 A           eat AC at 600 V         5 A           eat AC at 600 V         5 A           eat AC at 600 V         5 A           insulation voltage (U)         600 V           with single-phase operation at AC rated value         600 V           owith multi-phase operation at AC rated value         600 V           obegoin of fuse holder         Class R fuse clips           operating class of the fuse link         Class R           Enclosure         design of fuse holder           of electrical connection for supply voltage line-side         Box lug           tightening torque [left-in] for supply voltage line-side         Box lug           <	0	
reset function         Manual, automatic and remote           trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overload release         25 100 A           tripping time at phase-loss maximum         3 s           relative repeat accuracy         1 %           product feature pretective coating on printed-circuit board relay         Yes           number of NC contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay according to U.         5 A           e at C at 250 V         1 A           contact rating of auxiliary contacts of overload relay according to U.         5 A@@600VAC (B600), 1A@250VDC (R300)           insultation voltage (U)         600 V           e with multi-phase operation at AC rated value         600 V           with ingle-phase operation at AC rated value         600 V           optimet Switch         100A / 250V           class R fuse clips         0           optimet Switch         Class R           enclosure         4, 12           degree of protection NEMA rating         4, 12           degree of protection NEMA rating         1 x (14 10 AWG)	<ul> <li>test function</li> </ul>	
trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overload release         25 100 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           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         5 A           etal X = ta 00 V         5 A           et AC at 600 V         5 A           etal X = ta 00 V         1 A           contact rating of auxiliary contacts of overload relay         5 A           etal X = ta 00 V         1 A           contact rating of auxiliary contacts of overload relay         5 A           etal X = ta 00 V         1 A           folge ta 0 full	external reset	Yes
adjustble current response value current of the current-       25 100 A         dependent overload release       3 s         relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       1 %         number of NC contacts of auxiliary contacts of overload       1         relay       1         operational current of auxiliary contacts of overload relay       5 A         • at AC at 600 V       5 A         • at DC at 250 V       1 A         contact reling-of auxiliary contacts of overload relay       5 A         according to UL       5 A         insulation voltage (UI)       600 V         • with mill-phase operation at AC rated value       600 V         • with mill-phase operation at AC rated value       300 V         Disconnect Switch       100A / 250V         response value of switch disconnector       100A / 250V         design of fuse holder       Class R         operating class of the fuse link       Class R         Class R       Guestorof & weatherproof         degree of protection NEMA rating       4, 12         degree of protection for supply voltage line-side       10x (14 1/0 AWG)         taxter enounting and installation       Surface mounting and installation	reset function	
defpendent overload release         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       1         relay       1         operational current of auxiliary contacts of overload relay       1         • at AC at 600 V       5 A         insulation voltage (UI)       1 A         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         feager       Class R fuse clips         operating class of the fuse link       Class R fuse clips         feagle of fuse holder       Class R         operating class of the fuse link       Class R         Enclosure       Gaster fuse mounting and installation         type of connectab	trip class	CLASS 5 / 10 / 20 (factory set) / 30
relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         operational current of auxiliary contacts of overload       1         etaly       5 A         at CC at 260 V       5 A         at CC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         0 vitim multi-phase operation at AC rated value       300 V         Disconnect Switch       Class R fuse clips         response value of switch disconnector       100A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         type of electrical connection for supply voltage line-side       Box lug         type of electrical connection for supply maximum       75 °C         metring lorue [bt/in] for supply       AL or CU         Nype of connectable conductor for s		25 100 A
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     1       operational current of auxiliary contacts of overload relay     5 A       • at DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay according to UL     5A@@600VAC (B600), 1A@250VDC (R300)       insulation voltage (Ui)     600 V       • with single-phase operation at AC rated value     300 V       Disconnect Switch     100A / 250V       response value of switch disconnector     100A / 250V       design of fuse holder     Class R fuse clips       constraining position     4, 12       design of the housing     4, 12       mounting position     surface mounting and installation       fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side     1x (14 10 AVG)       at AVC cables single or multi-stranded     1x (14 20 AVG)       temperature of the conductor for supply     AL or CU       type of electrical connection for load-side outgoing feeder     120 120 Ibf in       type of electrical connection for load-side outgoing feeder     120 120 Ibf in       type of electric	tripping time at phase-loss maximum	3 s
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       5 A         • at AC at 600 V       5 A         • at DC at 250 V       1 A         contact reling of auxiliary contacts of overload relay according to UL       5 A         insultation voltage (Ui)       5 A         • with multi-phase operation at AC rated value       600 V         with multi-phase operation at AC rated value       300 V         Disconnect Switch       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4, 12         design of fuse holder       Class R         operating class of the fuse link       Surface mounting and installation         type of protection NEMA rating       4, 12         design of fuse holder       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         fightening torque [brin] for supply       120 120 lbrin         type of electrical connection for supply maximum       75 °C         material of the conductor for supply maximum       75 °C         periature of the conductor for load-side outgoing feeder       120	relative repeat accuracy	1 %
relay       1         number of NO contacts of auxiliary contacts of overload relay       1         e at AC at 600 V       5 A         • at AC at 600 V       1 A         contact rating of auxiliary contacts of overload relay       5 A         according to UL       1 A         insulation voltage (Ui)       • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V       900 V         9isconnect Switch       Class R fuse clips       600 V         response value of switch disconnector       100A / 250V       600 V         degree of protection NEMA rating       4, 12       class R         degree of protection NEMA rating       4, 12       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position       vertical       Surface mounting and installation         type of electrical connection for supply voltage line-side       120 Li/1 in       120 Li/2 in         type of electrical connection for supply maximum       75 °C       Permissible       AL or CU         type of concetable conductor for supply maximum       75 °C       Per of acd-side outgoing feeder       120 Li/1 in         type of concetable conductor for supply       AL or CU       Type of concetable conductor for supply       To Cu	product feature protective coating on printed-circuit board	Yes
relay         operational current of auxiliary contacts of overload relay         at AC at 800 V         at DC at 250 V         1 A         contact rating of auxiliary contacts of overload relay         according to UL         insulation voltage (Ui)         • with single-phase operation at AC rated value         • with single-phase operation at AC rated value         • with multi-phase operation at AC rated value         000 V         Disconnect Switch         response value of switch disconnector         forse holder         operating class of the fuse link         Enclosure         degree of protection NEMA rating         degree of protection NEMA rating         degree of protection NEMA rating         fastening method         Surface mounting and installation         tightening torque [lbf-in] for supply voltage line-side         tightening torque [lbf-in] for supply value         temperature of the conductor for supply maximum         permissible         material of the conductor for supply maximum         permissible         material of the conductor for supply maximum         per of electrical connection for load-side outgoing feeder         type of connectable conductor for supply		1
• at AC at 600 V       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V       Disconnect Switch         response value of switch disconnector       100A / 250V       Class R fuse clips         operating class of the fuse link       Class R       Class R         fenclosure       600 V       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wring       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf:n] for supply       120 120 lbf:n         type of connectable 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       120 120 lbf:n         type of electrical connection for load-side outgoing feeder       120 120 lbf:n         type of electrical connection for load-side outgoing feeder       120 120 lbf:n         type of electric		1
• at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       response value of switch disconnector         response value of switch disconnector       100A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating         degree of protection NEMA rating       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position         mounting position       vertical         fastening method       Surface mounting and installation         type of connectable conductor for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       120 120 lbf-in         type of electrical connection for supply maximum       75 °C         material of the conductor for supply       AL or CU         type of connectable conductor rors-sections at AWG cables only ourging feeder <td< td=""><td>operational current of auxiliary contacts of overload relay</td><td></td></td<>	operational current of auxiliary contacts of overload relay	
contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with ingle-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       Class R fuse clips         response value of switch disconnector       100A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       4, 12         degree of protection NEMA rating       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [bi-fin] for supply       120 120 lbf-in         type of electrical connector for supply maximum permissible       75 °C         material of the conductor for supply       AL or CU         type of electrical connecton for load-side outgoing feeder       120 120 lbf-in         type of electrical connecton for load-side outgoing feeder       120 120 lbf-in         type of electrical connecton for load-side outgoing feeder       120 120 lbf-in <td< td=""><td>• at AC at 600 V</td><td>5 A</td></td<>	• at AC at 600 V	5 A
according to UL       insulation voltage (Ui)         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       100A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       wertical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       1x (14 1/0 AWG)         tightening torque [lbf-in] for supply       120 120 lbf-in         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply maximum       75 °C         tightening torque [lbf-in] for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for supply maximum       75 °C         material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       120 120 lbf-in         type of	● at DC at 250 V	1 A
• with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       100A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       600 V         design of the housing       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       120 120 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 1/0 AWG)         at AWG cables single or multi-stranded       Box lug         temperature of the conductor for supply maximum       75 °C         permissible       120 120 lbf-in         type of connectable conductor ross-sections at AWG       1x (14 2/0 AWG)         cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder </td <td></td> <td>5A@600VAC (B600), 1A@250VDC (R300)</td>		5A@600VAC (B600), 1A@250VDC (R300)
with multi-phase operation at AC rated value 300 V      Disconnect Switch      response value of switch disconnector      design of fuse holder     Otass R fuse clips     operating class of the fuse link     Class R      Enclosure      degree of protection NEMA rating     design of the housing     dustproof, waterproof & weatherproof      Mounting/wiring      mounting position     type of electrical connection for supply voltage line-side     tightening torque [lbF in] for supply maximum     permissible     material of the conductor for supply     AL or CU     type of electrical connection for supply maximum     permissible     material of the conductor for supply     AL or CU     type of electrical connection for load-side outgoing feeder     tightening torque [lbF in] for load-side outgoing feeder     type of connectable conductor for supply     AL or CU     type of electrical connection for load-side outgoing feeder     tightening torque [lbF in] for load-side outgoing feeder     type of connectable conductor for supply     AL or CU     type of electrical connection for load-side outgoing feeder     tightening torque [lbF in] for load-side outgoing feeder     type of connectable conductor for supply     AL or CU     type of electrical connection for load-side outgoing feeder     tightening torque [lbF in] for load-side outgoing feeder     type of connectable conductor for supply     AL or CU     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     type of connectable conductor for load-side outgo	insulation voltage (Ui)	
Disconnect Switch           response value of switch disconnector         100A / 250V           design of fuse holder         Class R fuse clips           operating class of the fuse link         Class R           Enclosure         dustproof, waterproof & weatherproof           Mounting/wiring         4, 12           design of the housing         dustproof, waterproof & weatherproof           Mounting/wiring         wertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           tightening torque [lbF-in] for supply         120 120 lbF-in           type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded         1x (14 1/0 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         120 120 lbF-in           type of connectable conductor for supply         AL or CU           type of electrical connection for load-side outgoing feeder         120 120 lbF-in           tightening torque [lbF-in] for load-side outgoing feeder         120 120 lbF-in           type of electrical connection for load-side outgoing feeder         120 120 lbF-i	<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
response value of switch disconnector       100A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure	<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       Enclosure         degree of protection NEMA rating       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position         working position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       120 120 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (14 1/0 AWG)         material of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       1x (14 2/0 AWG)         tightening torque [lbf-in] for load-side outgoing feeder       1x (14 2/0 AWG)         tightening torupue f	Disconnect Switch	
operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position       vertical         mounting position       vertical       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug       tightening torque [lbf-in] for supply         tightening torque [lbf-in] for supply       120 120 lbf-in       1x (14 1/0 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor cross-sections at AWG cables outgoing feeder       120 120 lbf-in         type of connectable conductor for supply maximum permissible       Box lug         tightening torque [lbf-in] for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for supply       AL or CU         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       120 120 AWG) <t< td=""><td>response value of switch disconnector</td><td>100A / 250V</td></t<>	response value of switch disconnector	100A / 250V
Enclosure         degree of protection NEMA rating       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position         wertical       Surface mounting and installation         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       120 120 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (14 1/0 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at XWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at XWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       120 120 lbf-in         type of connectabl	design of fuse holder	Class R fuse clips
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design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       120 120 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (14 1/0 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for supply       AL or CU         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for supply       AL or CU         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       1x (14 2/0 AWG)         temperature of the conductor for load-side outgoing feeder       1x (14 2/0 AWG)         temperature of the conductor for load-side outgoing feeder       75 °C		4. 12
Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       120 120 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (14 1/0 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for supply       AL or CU         tightening torque [lbf-in] for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded       1x (14 2/0 AWG)         temperature of the conductor for load-side outgoing feeder       1x (14 2/0 AWG)		
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temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederBox lugtightening torque [lbf·in] for load-side outgoing feeder120 120 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °C	type of connectable conductor cross-sections at line-side	
material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       Box lug         tightening torque [lbf·in] for load-side outgoing feeder       120 120 lbf·in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded       1x (14 2/0 AWG)         temperature of the conductor for load-side outgoing feeder maximum permissible       75 °C	temperature of the conductor for supply maximum	75 °C
type of electrical connection for load-side outgoing feederBox lugtightening torque [lbf·in] for load-side outgoing feeder120 120 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °C	-	
tightening torque [lbf-in] for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded       1x (14 2/0 AWG)         temperature of the conductor for load-side outgoing feeder maximum permissible       75 °C		
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °C		
cables for load-side outgoing feeder single or multi- stranded       feeder single or multi- temperature of the conductor for load-side outgoing feeder maximum permissible       75 °C		
maximum permissible	type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	1x (14 2/0 AWG)
material of the conductor for load-side outgoing feeder AL or CU		
	stranded temperature of the conductor for load-side outgoing feeder	75 °C

type of electrical connection of magnet coil	Screw-type terminals
	5 12 lbf·in
tightening torque [lbf·in] at magnet coil	
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 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)
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
Further information	
Industrial Controls - Product Overview (Catalogs, Brochu www.usa.siemens.com/iccatalog Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product	

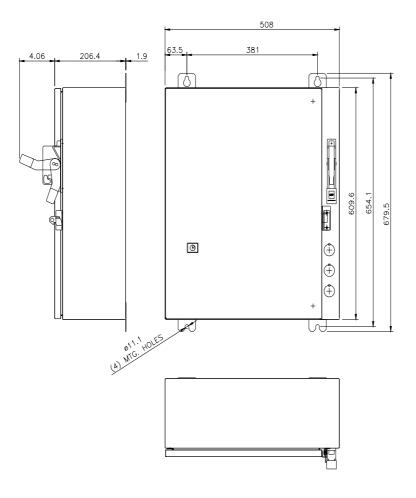
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG92ND14

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

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