## SIEMENS

## Data sheet

## US2:17HUG82WJ15



Non-reversing motor starter, Size 3, Three phase full voltage, Solid-state overload relay, OLR amp range 25-100A, 24VAC 50-60Hz coil, Combination type, 100A fusible disconnect, 100A/600V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, Extra-wide 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]	82 lb
Height x Width x Depth [in]	36 × 24 × 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
<ul> <li>during operation</li> </ul>	-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	0 hp
• at 220/230 V rated value	0 hp
<ul> <li>at 460/480 V rated value</li> </ul>	50 hp
<ul> <li>at 575/600 V rated value</li> </ul>	50 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	

• st AC at 50 Hz read value         24 V           holding power of magnetic coli at AC         310 VA           apparent holding power of magnetic coli at AC         310 VA           apparent holding power of magnetic coli at AC         300 VA           apparent holding power of magnetic coli at AC         300 VA           apparent holding power of magnetic coli at AC         300 VA           apparent holding power of magnetic coli at AC         50 %           CM-delay time         50 %           CM-delay time         50 %           CM-delay time         14 19 ms           Overload protection         Yes           • saymethy detection         Yes           • saymethy detection         Yes           • saymethy detection         Yes           • sectional resol         Yes           • test function         Yes	a at AC at E0 H= rated value	241/
Indeg power at AC minimum         14 4W           apparent plokup power of magnet coil at AC         30 VA           apparent holding power of magnet coil at AC         28 VA           operating range factor control supply voltage raded value         0.85 1.1           off	at AC at 50 Hz rated value	24 V
apparent pick-up power of magnet coil at AC         28 to VA           operating range back rooted coil at AC         28 to VA           operating range back rooted supply voltage rated value of magnet coil         0.85 1.1           presented roop-out voltage of magnet coil related to the input voltage         50 %           OH-oday time         14 19 ms           OVerload roles         78 ms           product function         Yes           • overload protection         Yes           • asymmetry detection         Yes           • asymmetry detection         Yes           • extential reset         Manual, automatic and remote           • the function         Yes           • extential reset         Manual, automatic and remote           I'mping time at phase-tosis maximum         3 s           reset function         Yes           reset functin         Yes           relat		
apparent hoting power of magnet coll         28 VA           operating range hotor control supply voltage rated value         0.851.1           of magnet coll         0.851.1           input voltage         0.851.1           OV-cleak yine         2841 ms           OV-felsely line         1419 ms           Overload protection         Yes           • overload protection         Yes           • agrum failut detection         Yes           • adjustable current resent         Yes           reset function         Manual, automatic and remote           Pip class         Yes           adjustable current resent somurum         3 s           relative regoet accuracy         1 %           product feature protechwe coating on prinked-circuit board         1           relative regoet accuracy         1 %           product feature protechwe coating on prinked-circuit board         1           relative regoet accuracy         5 Å           relative regoet accuracy		
operating range factor control supply voltage rated value of magnet coll         0.851.1           percential (rop-out voltage of magnet coll reliated to the input voltage.         0.851.1           CM-delay time         2841 ms           OP-faciently time         1419 ms           Overload rolay         90%           product function         Yes           • overload protection         Yes           • asymmetry detection         Yes           • asymmetry detection         Yes           • external reset         Yes           • fight or repeat accuracy         1%           product feature protective cosing on printed-circuit board         1           relative repeat accuracy         1           relative repeat accuracy         1           operational current of auxiliary contacts of overload relay         5 A           • at CC at 280 V         1 A	<u> </u>	
percental inco-out voltage         50 %           CM-delay line         284 1 ms           OFF-delay line         284 1 ms           output thirds         284 1 ms           OFF-delay line         284 1 ms           output thirds         285 1 01 20 (actory set) / 30           adjustable current response value current of the current- dependent overide relays         25 100 A           relative repeat accuracy         1 %.           product feature protective coating on printed circuit board         1           number of NC contacts of output set of overload relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         5 A           a 1D C at 250 V         1 A           output of auxiliary contacts of overload rel	operating range factor control supply voltage rated value	
ON-delay time     26 41 ms       OFF-delay time     14 19 ms       Overload rolsy     product function       overload protection     Yes       • phase failure detection     Yes       • argent my detection     Yes       • argent function     Yes       • argent function     Yes       • argent fact     Yes       • argent fact     Yes       • acternal read     Yes       adjustable current response value current of the current-dependent overload release     25 100 A       Z5 100 A     25 100 A       reset function     Yes       relative reprotective coaling on printed-circuit board     1       relative of No contacts of overload relay     5 A </td <td>percental drop-out voltage of magnet coil related to the</td> <td>50 %</td>	percental drop-out voltage of magnet coil related to the	50 %
OFF-delay time     14 19 ms       Overload relay     Product function       • overload protection     Yes       • phase failure detection     Yes       • asymmetry detection     Yes       • external reset     Yes       • external reset     Yes       • reset function     Warusl, automatic and remote       tripolas     CLASS 5/10/20 (factory set) / 30       adjustable current response value current of the current-dependent overload relase     1       tripolas     3 s       relative repeat accuracy     1%       product feature protective coating on printed-circuit bood     1       number of NC contacts of auxiliary contacts of overload relay     1       • at AC at 600 V     5 A       • at AC at 600 V     600 V       • at AC at 600 V     5 A		26 41 ms
Overload function         Yes           product function         Yes           • operload protection         Yes           • asymmetry detection         Yes           • aground fault detection         Yes           • addrain rest         Yes           • external rest         Yes           tip class         CLLASS 5/10/20 (factory set) / 30           adjustable current response value current of the current.         dependent overfoad release           tipping time at phase-loss maximum         3 s           relative repeat accuracy         1%           product fauture protective coating on printed-circuit board         1           relay         • at AC at 600 v         5 A           • at AC at 600 v         5 A           • at AC at 600 v         5 A           • at AC at 800 v		
product function     Yes       • overload protection     Yes       • phase failure detection     Yes       • asymmetry detection     Yes       • error attracted     Yes       • esternal reset     Yes       • external reset     Yes       • esternal reset     Yes       • product feature protective costing on printed-circuit bard     1       • ent OC contacts of auxiliary contacts of overload     1       • ent OC contacts of auxiliary contacts of overload     1       • ent OC at 280 V     5 A       • ent OL 280 V     5 A       • ent Oc at 280 V     5 A       • ent Oc at 280 V     5 A       • ent Or at 280 V     5 A       • ent Oc at 280 V     5 A       • ent Oc at 280 V     5 A       • ent Oc at 50 on auxiliary contacts of overload relay       • ent Oc at 280		
verified protection     ves     vesiting     ves     vesiting     ves     vesiting     ves     ve		
Phase failure detection     Yes     eground fault detection     Yes     eground fault detection     Yes     estimal reset     Yes     resel function     Yes     relative repeat accuracy     1%     resel function     funding on printed-circuit baard     relay     relative repeat accuracy     1%     relative repeat accuracy     1%     relative repeat accuracy     1%     resel function     ease A cat 600 V     S     a to Cat 250 V     S	•	Yes
	•	
• external reset         Yes           reset function         Manual, automatic and remole           tip 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 relay         1%           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay e. at AC at 600 V         5 A           • at DC at 250 V         1 A           fisualitan voltage (U)         600 V           • with single-phase operation at AC rated value         600 V           • with single-phase operation at AC rated value         600 V           • with single-phase operation at AC rated value         600 V           operational disconnector         100A / 600V           erelosure         4X, 304 stainless steel           design of fuse holder         Class R fuse clips           operational         Grade           design of the housing         4X, 304 stainless steel           design of the housing         dustproof, waterproof & resistant to corrosion           Mounting/wiring	0	
reset function         Manual, automatic 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 value current of the current.         5 100 A           tripping time at phase-loss maximum         3 s           relative protective coating on printed-circuit board         1%           product feature protective coating on printed-circuit board         1           relay         1 %           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         5 A           eat C C at 250 V         1A           contact rating of auxiliary contacts of overload relay according to UL         5A@@OVAC (B600), 1A@250VDC (R300)           according to UL         600 V           inisulation voltage (UI)         600 V           • with multi-phase operation at AC rated value         300 V           Disconnect SWIch         Class R fuse clips           response value of switch disconnector         100A / 600V           design of fuse housing         4X, 304 stainless steel           design of the housing         dustproof, waterproof & resistant to corosion           Mounting/wiring		
trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent verifical 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         1           relay         • at AC at 600 V         5 A           • 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           degree of protection NEMA rating         dustproof, waterproof & resistant to corrosion           Mounting/wiring         Class R fuse clips           mounting position         vertical           fastening method         sull-size mounting and installation           type of electrical connecton for supply voltage line-		
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 relay       1%         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         outcat rating of auxiliary contacts of overload relay eaccording to UL       5 A         insulation voltage (Ui)       5 A         exact rating of sublichy 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 / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         design of the housing       4X, 304 stainless steel         design of the housing       5V/Q         mounting position       surface mounting and installation         type of electrical connection for supply voltage line-side       1x (14 10 AWG)         there onductor for supply maximum permissible       75 °C		
Instruction       1 %         Product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         number of NO contacts of auxiliary contacts of overload       1         operational current of auxiliary contacts of overload       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 rating of auxiliary contacts of overload relay according to UL       5A@@600VAC (B600), 1A@250VDC (R300)         insulation voltage (U)       • with single-phase operation at AC rated value       600 V         9Disconnect Switch       7       600 V         response value of switch disconnector       100A / 600V       600 V         degree of protection NEMA rating       4X, 304 stainless steel       600 V         degree of protection NEMA rating       4X, 304 stainless steel       600 V         design of the housing       0ustproof, waterproof & resistant to corrosion       000 V         Mounting/wiring       vertical       Surface mounting and installation         Box lug       120	adjustable current response value current of the current-	
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       operational current 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       e at DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay     5 A       insulation voltage (Ui)     600 V       • with single-phase operation at AC rated value     600 V       0 vith single-phase operation at AC rated value     600 V       0 events value of switch     Class R fuse clips       0 response value of switch     Class R fuse clips       0 degree of protection NEMA rating     4X, 304 stainless steel       design of the housing     dustproof, waterproof & resistant to corrosion       Mounting/wring     vertical       fastening method     Surface mounting and installation       type of connectable conductor cross-sections at line-side     10 V(G)       it here of the conductor for supply     120       type of connectable conductor for supply maximum     75 °C       material of the conductor for supply maximum     75 °C       material of the conducto	· · · · ·	3 s
number of NC contacts of auxiliary contacts of overload relay       1         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         • at AC at 600 V       5 A         • at AC at 500 V       5 A         contact rating of auxiliary contacts of overload relay according to UL       5 A         insulation voltage (U)       600 V         • with single-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 / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       dustproof, waterproof & resistant to corrosion         Mounting/wiring       vertical         mounting position       vertical         type of electrical connection for supply voltage line-side at AWG cables single or multi-stranded       1x (14 1/0 AWG)         temperature of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       1x (14 2/0 AWG)         tightening torque [librin] for load-side outgoing feeder       1x (14 2/0 AWG)	relative repeat accuracy	1 %
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 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         • with multi-phase operation at AC rated value       600 V         0 esign of fuse holder       Class R fuse clips         operating class of the fuse link       Class R fuse clips         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       vertical         mounting position       vertical         fastening method       ype of connectable conductor for supply voltage line-side         ta AWG obles single or multi-stranded       75 °C         material of the conductor for load-side outgoing feeder       1x (14 20 AWG)         ebse for load-side outgoing feeder       1x (14 20 AWG)	product feature protective coating on printed-circuit board	Yes
relay       operational current of auxiliary contacts of overload relay         • at DC at 250 V       1A         contact rating of auxiliary contacts of overload relay       5A         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       000 V <b>Disconnect Switch</b> 600 V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R <b>Enclosure</b> degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       vertical         mounting position       surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tiphening torque [Ub/in] for supply       120 120 lbFin         tx (410 AWG)       1x (410 AWG)         the conductor for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       Box lug         tbrin 1x (4		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 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         response value of switch disconnector       100A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       ustproof, waterproof & resistant to corrosion         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 [Ibf-in] for supply       120 120 lbf-in         type of electrical connection 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		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     300 V       Disconnect Switch     000 V       response value of switch disconnector     100A / 600V       design of fuse holder     Class R fuse clips       operating class of the fuse link     Class R       Enclosure     4X, 304 stainless steel       degree of protection NEMA rating     4X, 304 stainless steel       design of the housing     wertical       Mounting/wring     vertical       mounting position     vertical       fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side     1x (14 1/0 AWG)       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 for supply     1x (14 2/0 AWG)       cables for load-side outgoing feeder     120 120 lbF in       type of connectable conductor for supply     1x (14 2/0 AWG)       cables for load-side outgoing feeder     1x (0 AWG) <td>operational current of auxiliary contacts of overload relay</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)       • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       100A / 600V         response value of switch disconnector       100A / 600V         degree of protection NEMA rating       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         tightening torque [lbf-in] for supply voltage line-side       1x (14 1/0 AWG)         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 maximum permissible       Box lug         tightening torque [lbf-in] for load-side outgoing feeder       1x (14 2/0 AWG)         tightening torque [lbf-in] for load-side outgoing feeder       1x (14 2/0 AWG)		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 / 600V       response value of switch disconnector     100A / 600V       design of fuse holder     Class R fuse clips       operating class of the fuse link     Class R       Enclosure     4X, 304 stainless steel       degree of protection NEMA rating     4X, 304 stainless steel       design of the housing     dustproof, waterproof & resistant to corrosion       Mounting/wiring     vertical       mounting position     vertical       fastening method     Surface mounting and installation       tightening torque [bf-in] for supply     120 120 lbf-in       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-in       type of connectable conductor for supply     AL or CU       type of connectable conductor for supply     120 120 lbf-in       type of connectable conductor for supply     AL or CU       type of connectable conductor for supply     AL or CU       type of connectable conductor for supply     120 120 lbf-in       type of connectable conductor for sup		
with single-phase operation at AC rated value     with multi-phase operation at AC rated value     with multi-phase operation at AC rated value     300 V      Disconnect Switch      response value of switch disconnector     100A / 600V     design of fuse holder     Class R fuse clips     operating class of the fuse link     Class R      Enclosure      degree of protection NEMA rating     dustproof, waterproof & resistant to corrosion      Mounting/wiring     mounting position     vertical     fastening method     Surface mounting and installation     lype of electrical connection for supply voltage line-side     at AWG cables single or multi-stranded     temperature of the conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     AL or CU     type of connectable conductor for supply     totad-side outgoing feeder     type of connectable conductor for supply     type of connectable conductor for supply     type of connectable conductor for supply     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outg		5A@600VAC (B600), 1A@250VDC (R300)
• with multi-phase operation at AC rated value         300 V           Disconnect Switch         100A / 600V           design of fuse holder         Class R fuse clips           operating class of the fuse link         Class R           Enclosure         4X, 304 stainless steel           degree of protection NEMA rating         4X, 304 stainless steel           degree of protection NEMA rating         dustproof, waterproof & resistant to corrosion           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 [Ibf·in] for supply         120 120 Ibf·in           type of connectable conductor for supply maximum         75 °C           permissible         Box lug           material of the conductor for supply         AL or CU           type of connectable conductor cross-sections at AWG cables ontgoing feeder         120 120 Ibf·in           type of connectable conductor cross-sections at AWG cables ontgoing feeder         120 120 Ibf·in           type of connectable conductor cross-sections at AWG cables ontgoing feeder         120 120 Ibf·in           type of connectable conductor for load-side outgoing feeder         120 120 AWG) </td <td></td> <td></td>		
Disconnect Switch           response value of switch disconnector         100A / 600V           design of fuse holder         Class R fuse clips           operating class of the fuse link         Class R           Enclosure         degree of protection NEMA rating         4X, 304 stainless steel           design of the housing         dustproof, waterproof & resistant to corrosion           Mounting/wiring         mounting position         vertical           mounting position         vertical         Surface mounting and installation           tightening torque [lbf:n] for supply voltage line-side         Box lug         tightening torque [lbf:n] for supply           type of connectable conductor for supply maximum permissible         75 °C         material of the conductor for supply maximum permissible           material of the conductor for load-side outgoing feeder         120 120 lbf:in         1x (14 2/0 AWG)           type of connectable conductor cross-sections at XWG cables for load-side outgoing feeder         Box lug         1x (14 2/0 AWG)		
response value of switch disconnector       100A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         itghtening 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       Ts °C         material of the conductor for supply       AL or CU         type of electrical connectable conductor cross-sections at AWG cables 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 connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       1x (14 2/0 AWG)         cables for load-side outgoing feeder       1x (14 2/0 AWG)         cables for loa		300 V
design of fuse holderClass R fuse clipsoperating class of the fuse linkClass REnclosuredegree of protection NEMA rating4X, 304 stainless steeldesign of the housingdustproof, waterproof & resistant to corrosionMounting/wiringmounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply120 120 lbf-intype of connectable conductor cross-sections at line-side1x (14 1/0 AWG)at AWG cables single or multi-stranded75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connectable conductor cross-sections at AWG cables for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of connectable conductor cross-sections at XWG cables for load-side outgoing feeder120 120 lbf-intype of electrical connectable conductor cross-sections at AWG cables for load-side outgoing feeder120 120 lbf-intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder120 120 lbf-intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder120 120 lbf-intype of the conductor for load-side outgoing feeder120 120 AWG)temperature of the conductor for load-side outgoing feeder120 120 AWG)		
operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       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)         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         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       1x (14 2/0 AWG)         temperature of the conductor for load-side outgoing feeder       1x (14 2/0 AWG)		
Enclosure         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         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 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 cross-sections at AWG cables outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG cables outgoing feeder single or multi-stranded       1x (14 2/0 AWG)         tempera		
degree of protection NEMA rating4X, 304 stainless steeldesign of the housingdustproof, waterproof & resistant to corrosionMounting/wiringmounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-side at AWG cables single or multi-strandedBox lugtemperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feederBox lug120 120 lbf-in1x (14 1/0 AWG)		Class R
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permissible       AL or CU         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       75 °C	at AWG cables single or multi-stranded	
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cables for load-side outgoing feeder single or multi- stranded       75 °C         temperature of the conductor for load-side outgoing feeder       75 °C		
	cables for load-side outgoing feeder single or multi-	1x (14 2/0 AWG)
		75 °C

AL or CU				
Screw-type terminals				
5 12 lbf·in				
2x (16 12 AWG)				
75 °C				
CU				
Screw-type terminals				
10 15 lbf·in				
1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)				
75 °C				
CU				
Screw-type terminals				
7 10 lbf·in				
2x (20 14 AWG)				
75 °C				
CU				
10kA@600V (Class H or K); 100kA@600V (Class R or J)				
NEMA ICS 2; UL 508; CSA 22.2, No.14				
Further information				
Industrial Controls - Product Overview (Catalogs, Brochures,) www.usa.siemens.com/iccatalog Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17HUG82WJ15 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG82WJ15 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17HUG82WJ15⟨=en Certificates/approvals				
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