## SIEMENS

## Data sheet

## US2:17HUG82WD16



Non-reversing motor starter, Size 3, Three phase full voltage, Solid-state overload relay, OLR amp range 25-100A, 208VAC 60Hz coil, Combination type, 200A fusible disconnect, 200A/250V 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]	113 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	
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	25 hp	
• at 220/230 V rated value	30 hp	
<ul> <li>at 460/480 V rated value</li> </ul>	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		

holding power at AC minimum     14 W       apparent holding power of magnet coil at AC     28 VA       operating range factor control supply votage rated value of magnet coil     0.85 1.1       of magnet coil     0.85	• at AC at 60 Hz rated value	208 V
apparent pickup power of magnet coll at AC         30 VA           apparent holding power of magnet coll at AC         26 VA           operating range factor control supply voltage rated value         0.85 1.1           of magnet coll         0.85 41 ms           OV-dely time         28 41 ms           OV-dely time         14 19 ms           Overload protection         Yes           • available reduction         Yes           • available reduction         Yes           • available reduction         Yes           • available reduction         Yes           • available control approtection         Yes           • available control         Yes           • available control available voltable control         Yes           • available control available voltable control         Yes           • available control available voltable control         1           tripping time all phase-lose maximum         3 s           reset function         Yes           reast function		
agarent hoding power of magnet call a AC         28 VA           orring may and potor of supply voltage rated value         0.85 11           of hop-out voltage of magnet call related to the         0.95 41 ms           OH-delay time         28 41 ms           OFF-delay time         28 41 ms           OFF-delay time         28 41 ms           OFF-delay time         28 41 ms           overload protection         Yes           • symmetry detection         Yes           • agound flux detection         Yes           • agound flux detection         Yes           • estart function         Yes           • estart function         Yes           • estart function         Yes           • reset function         Yes           • estart function         Yes           • reset function         CLASS 5 / 10 / 20 (factory set) / 30           • dajustable current response value current of the current-dependent vertical release         1%           • product flaxity protectized or auxiliary contacts of overload relay         1%           • at DC at 280 V         SA         1           • at DC at 280 V         SA         1           • at DC at 280 V         SA         1           • at DC at 280 V		
operating range factor control supply voltage rated value of magnet coll         0.85 1.1           percental drop-out voltage of magnet coll related to the input voltage         50 %           CM-delay time         26 41 ms           OVerload relay         14 19 ms           Overload structure         78           overload protection         Yes           • asymmetry detection         Yes           • agained protection         Yes           • asymmetry detection         Yes           • external reset         Yes           • external reset         Yes           reset function         Yes           adjustable current response value current of the current- degendent overload release         25 100 A           degendent overload release         3 s           ripping time at phase-failing ontited circuit board number of NC contacts of auxiling contacts of overload relay         1           operational current of auxiling contacts of overload release         5 A           • at OC at 280 V         1 A           contacts af auxiliary contacts of overload release         5 A           • at OC at 280 V         5 A           • at OC at 280 V         5 A           • at OC at 280 V         5 A           • at OC at 0 switch discommedor         2000 V		
of magnet call     50 %       DN-delay time     50 %       OF-delay time     26 41 ms       OF-delay time     14 19 ms       Overload protection     Yes       • overload protection     Yes       • phase failur detection     Yes       • aground failur detection     Yes       • attraction     Yes       • attraction     Yes       • adjustable current response value current of the current-dependent overolat relases     25 100 A       tripping time at phase-loss maximum     3 %       relative repeat accuracy     1 %       product feature protective coding on printed-circuit board     1       relative repeat accuracy     1 %       orterating of auxiliary contacts of overload relay     1       according to U     5 Å       • at DC at 280 V     5 Å       • at DC at 280 V     5 Å       • with multi-phase operation at AC rated value     300 V       Obscienced Switch     5 Å       response Value of worth disconnector     Class R tuse clips       operational current of subscing doverload relay     200 A / 250 V       design of those loader     Class R tuse clips		
input voltage         2044 mm           OK-delay time         2844 mm           OK-delay time         1419 mm           Overload rolay         1           product function         Yes           • overload protection         Yes           • pase full detection         Yes           • est function         Yes           • external reset         Yes           • external reset         Yes           • external reset         Ze100 A           tipping time alphase-loss maximum         3 s           relative repeat accuracy         1%           product failing protective coaling on printed-dirout board         1           report of NC contacts of auxiliary contacts of overload         1           relative repeat accuracy         1%           product failing protective coaling on printed-dirout board         1           relative repeat accuracy         1%           product failing or protects of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         5 A           at C at 800 V         1 A           contact rating of auxiliary contacts of overload relay         300 V           uith mult-phase operation at AC rated value         000 V		0.03 1.1
ON-folloy time         28 41 ms           OFF-delay time         14 19 ms           Overload relay         ************************************	percental drop-out voltage of magnet coil related to the	50 %
OF-Fedday time     14 19 ms       Overload relay     Product function       • overload protection     Yes       • apage failure detection     Yes       • apymentry detection     Yes       • external reset     Yes       • external reset     Yes       • 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     5 100 A       tripping time at phase-loss maximum     3 s       relative repeat accuracy.     1%       product faiture protective coefing on printed-circuit board     1       relative repeat accuracy.     1%       product faiture protective coefing on printed-circuit board     1       operational current of auxiliary contacts of overload relay     1       • at DC at 280 V     5 A       • at DC at 280 V     5 A       • at DC at 280 V     5 A       • with mult-phase operation at AC rated value     300 V       Disconnect Switch     600 V       • with mult-phase operation at AC rated value     300 V       Disconnect Switch     Class R       eregoins value of switch disconnector     200A / 250V       degree of protection NEMA rating     4X, 304 stanless steel       defare of protection N		
Overload function         Yes           overload protection         Yes           explase failure detection         Yes           explant freet         Yes           adjustable current response value current of the current-dependent overload release         ZASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current-dependent overload release         Zs 100 A           relative protective coating on printed-circuit board         Yes           product feature protective coating on printed-circuit board         Yes           number of NC contacts of auxiliary contacts of overload         1           relative protective coating on printed-circuit board         Yes           operational current of auxiliary contacts of overload relay         1           contact raing of auxiliary contacts of overload relay         5 A           eat DC at 250 V         1 A           Obsconted Switch         Goo V           resultary on the board of auxiliary contacts of overload relay         300 V           with mult-phase operati		
product function     Yes       • overfoad protection     Yes       • apase failure detection     Yes       • apumptry detection     Yes       • ground fault detection     Yes       • external reset     Yes       reset function     Yes       • external reset     Yes       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     75 100 A       tripping time at phase-loss maximum     3 s       releave repeat accuracy     1%       product feature protective coating on printed-circuit board     1       rumber of NC contacts of auxiliary contacts of overload relay     1       • at DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay according to UI     5A       • at DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay according to UI     5A       • at DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay according to UI     5A       • at DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay according to UI     5A       • at DC at 250 V     1 A       felay     500 V       • at DC at 250 V<		14 19 ms
overflad protection     Yes     phase failure detection     Yes     asymmetry detection     Yes     aground fault detection     Yes     aground fault detection     Yes     ves     external reset     Yes     external reset     Yes     external reset     Yes     constraint extent     Yes     external reset     Yes     constraint extent     Yes     constraint     Yes     constraint     Yes     constraint     Yes     constraint     Yes     constraint     Yes     constraint     con		
Phase failure detection     Yes     asymmetry detection     Yes     ground fault detection     Yes     vestimation     test function     Yes     vestimation     test function     Yes     ves     reset function     Yes     Yes     reset function     Yes     Yes     Yes     reset function     Yes     Yes     reset function     Yes     Yes     reset function     Yes     Yes     Yes     reset function     Yes     Yes     Yes     Yes     reset function     Yes     Yes     Yes     Yes     reset function     Yes     Yes     reset function     Yes     Yes     reset function     Yes     Yes     reset function     Yes     reset for NO contacts of auxiliary contacts of overload     relay     operation al current of auxiliary contacts of overload     relay     eat Cat 800 V     s     set AC at 800 V     s     set AC at 800 V     s     set AC at 800 V     Yes     response value of switch disconnector     Cass R fuse clips     conding to UL     response value of switch disconnector     Cass R fuse clips     conding of luse holder     folder     degree of protection NEMA rating     dustproof, waterproof & resistant to co	product function	
e asymmetry detection         Yes         ground fault detection         Yes         external reset         Yes         class         class	<ul> <li>overload protection</li> </ul>	Yes
• ground fault detection     • test function     • test function     • test function     • external reset     • reset     function     function	<ul> <li>phase failure detection</li> </ul>	
• Lest function     • Lest function     • external reset     • external     • external reset     • external     • exte		Yes
• external reset         Yes           reset function         Manual, automatic and remote           tip class         CLASS 57 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overload release         25 100 A           tipping time at phase-loss maximum         3 s           relative repost accuracy         1%           product feature protective coating on printed-circuit board         1           number of NC contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay eacording to UL         5 A           insulation voitage (UI)         5 A           • at DC at 250 V         5 A           insulation voitage (UI)         600 V           • with single-phase operation at AC rated value         600 V           obsconnect Switch         200A / 250V           design of the subit chisconnector         200A / 250V           design of the subit chisconnector         200A / 250V           design of the housing         4ust post           mounting position         vertical           fastening method         Surface mounting and installation           type of connectable conductor for supply voltage line-side         25 Low           design of the housing         275 - 275 I	<ul> <li>ground fault detection</li> </ul>	Yes
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 protective coaling 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 according to UL       5 A         insultation voltage (UI)       • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to UL       500 V         insultation voltage (UI)       • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       800 V         Obscnnetd Switch       Class R fuse clips         relaces of protection NEMA rating       4X, 304 stainless steell         degree of protection NEMA rating       4X, 304 stainless steell         degree of protection NEMA rating       276 275 Ibrin         Mounting/wiring       276 275 Ibrin         type of connectable conductor for supply voltage line-side       Box lug         tightening torque [Ibrin] for supply       276 275 Ibrin<	<ul> <li>test function</li> </ul>	Yes
Itip 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         1           relay         end to auxiliary contacts of overload relay         5 A           • at AC at 600 V         5 A           • at BC at 250 V         Class R           Gesion of incise holder         Class R	external reset	Yes
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       5 A         • at AC at 600 V       5 A         • at AC at 600 V       5 A         insulation voltage (UI)       600 V         • with multi-phase operation at AC rated value       500 V         0 perational current of auxiliary contacts of overload relay       600 V         • with multi-phase operation at AC rated value       500 V         0 submoder       200A / 250V         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       Sufface mounting and installation         Ype of electical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       275 275 lbf-in         type of electical connection for supply	reset function	
dependent overload release <ul> <li>Itipping time at phase-loss maximum</li> <li>3 s</li> <li>relative repeat accuracy</li> <li>1 %</li> <li>product feature protective coating on printed-circuit board</li> <li>relative repeat accuracy</li> <li>1 %</li> <li>product feature protective coating on printed-circuit board</li> <li>relative repeat accuracy</li> <li>1</li> <li>relative repeat accuracy</li> <li>1 %</li> <li>product feature protective coating on printed-circuit board</li> <li>relay</li> <li>number of NC contacts of auxiliary contacts of overload relay</li> <li>at AC at 600 V</li> <li>at AC at 600 V</li> <li>at AC at 250 V</li> <li>1 A</li> <li>contact rating of auxiliary contacts of overload relay</li> <li>bA@@600VAC (B600), 1A@250VDC (R300)</li> <li>according to UL</li> <li>insulation voltage (UI)</li> <li>with single-phase operation at AC rated value</li> <li>600 V</li> <li>with multi-phase operation at AC rated value</li> <li>000 V</li> <li>Disconnect Switch</li> <li>response value of switch disconnector</li> <li>200A / 250V</li> <li>design of fuse holder</li> <li>class R fuse clips</li> <li>operating class of the fuse link</li> <li>Class R fuse clips</li> <li>degree of protection NEMA rating</li> <li>4X, 304 stainless steel</li> <li>design of the housing</li> <li>dustproof, waterproof &amp; resistant to corrosion</li> <li>Mounting/wiring</li> <li>wertical</li> <li>fastening method</li> <li>type of connectable conductor for supply voltage line-side</li> <li>at AWC cables single or multi-stranded</li> <li>to conductor for supply maximum</li> <li>peridetcrical connection for supply maximum</li></ul>		CLASS 5 / 10 / 20 (factory set) / 30
Itipping time at phase-loss maximum         3 s           relative repet 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           • 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) according to UL           insulation votage (Ui)         600 V           • with single-phase operation at AC rated value 0 vith single-phase operation at AC rated value 300 V         500 V           Disconnect Switch         7800V         600 V           response value of switch disconnector         200A / 250V         200A / 250V           degree of protection NEMA rating         4X, 304 stainless steel         618 R           degree of protection NEMA rating         4X, 304 stainless steel         618 R           degree of protection NEMA rating         900 V         275 275 lbFin           mounting position         vertical         900 V           fastening method         Vyee of electrical connection for supply voltage line-s	, , , , , , , , , , , , , , , , , , , ,	25 100 A
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         et AC at 600 V       5 A         et AC at 600 V       5 A         et AC at 600 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       200A / 250V         response value of switch disconnector       200A / 250V         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         fastening method       type of connectable conductor ros sections at line-side at AWG cables single or multi-stranded         tafWG cables single or multi-stranded       1x (6 AWG 300 Kcmil)         temperature of the conductor for supply       AL or CU         Mounting/wiring		3 s
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         • at DC at 250 V       5 A         contact rating of auxiliary contacts of overload relay       5 A         insulation voltage (UI)       5 A@@600VAC (B600), 1A@250VDC (R300)         ocntact rating of auxiliary contacts of overload relay       5 A@@00VAC (B600), 1A@250VDC (R300)         insulation voltage (UI)       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         class R fuse clips       200A / 250V         class R fuse clips       200A / 250V         design of fuse holder       Class R         class R       Class R         enclosure       4X, 304 stainless steel         design of the housing       4X, 304 stainless steel         design of the housing       surface mounting and installation         Mounting/wring       vertical         mounting position       surface mounting and installation         type of electrical connection for supply voltage line-side       1x (6 AWG 300 K		
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         operational current of auxiliary contacts of overload relay       5 A         • at AC at 600 V       5 A         • at AC at 600 V       5 A         • at AC at 600 V       5 A         ontact rating of auxiliary contacts of overload relay according to UL       5 A         insulation voltage (U)       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         response value of switch disconnector       200A / 250V         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       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         type of electrical conn		
relay       1         number of NO contacts 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)       • with single-phase operation at AC rated value       500 V         • with single-phase operation at AC rated value       300 V <b>Disconnect Switch</b> Class R fuse clips         operating class of the fuse link       Class R fuse clips         operating position       Vertical         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion <b>Mounting/wiring</b> Surface mounting and installation         type of electrical connection for supply voltage line-side       tx (6 AWG 300 Kcmil)         thereal at the conductor for supply maximum       75 °C         permissible       Tx (14 2/0 AWG)         material of the conductor for load-side outgoing feeder       tx (14 2/0 AWG)         tightening torque (Ibf in] for load-side outgoing feeder       tx (14 2/0 AWG)         tightening torque (Ibf in] for coad-side outgoing feeder       tx (14 2/0 AWG)		
relay         operational current of auxiliary contacts of overload relay         • at AC at 600 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 multi-phase operation at AC rated value         00 V         00 Forectat		
• 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       300 V <b>Disconnect Switch</b> Class R fuse clips         response value of switch disconnector       200A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R <b>Enclosure</b> design of the housing         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       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       275 275 lbf-in         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply       AL or CU         type of connectable conductor cross-sections at AWG cables ongle or nulti-stranded       1x (14 2/0 AWG)         temperature of the conductor 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       600 V       300 V <b>Disconnect Switch</b> response value of switch disconnector       200A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R <b>Enclosure</b> 4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       wertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       1x (6 AWG 300 Kcmil)         at AWG cables single or multi-stranded       1x (6 AWG 300 Kcmil)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       120 120 lbf in         type of connectable conductor rors-sections at AWG cables outgoing feeder       120 120 lbf in         type of electrical connecton for load-side outgoing feeder	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 single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       200A / 250V         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       vertical       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug       1x (6 AWG 300 Kcmil)         tightening torque [lbf-in] for supply woltage line-side       1x (6 AWG 300 Kcmil)       1x (6 AWG 300 Kcmil)         temperature of the conductor for supply maximum permissible       75 °C       Box lug       Box lug         tightening torque [lbf-in] for load-side outgoing feeder       120 120 lbf-in       1x (14 2/0 AWG)         type of electrical connection for load-side outgoing feeder       120 120 lbf-in       1x (14 2/0 AWG)         titemperature of the conductor c	• at AC at 600 V	5 A
according to UL     instalation voltage (Ui)       • with single-phase operation at AC rated value     600 V       • with multi-phase operation at AC rated value     300 V       Disconnect Switch     200A / 250V       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     dustproof, waterproof & resistant to corrosion       Mounting/wiring     vertical       mounting position     vertical       tightening torque [lbrin] for supply voltage line-side     Box lug       tightening torque [lbrin] for supply     275 275 lbrin       type of electrical connection for supply not supply maximum permissible     75 °C       material of the conductor for supply maximum superature of the conductor for load-side outgoing feeder     120 120 lbrin       type of electrical connection for load-side outgoing feeder     120 120 lbrin       type of electrical connection for load-side outgoing feeder     120 120 lbrin       type of soluctor for supply     AL or CU       type of electrical connection for load-side outgoing feeder     120 120 lbrin       type of onectable conductor for supple     120 120 lbrin       type of soluctor for load-side outgoing feeder     120 120 lbrin       type of electrical connectone for load-side outgoing feeder     120 120	● at DC at 250 V	1 A
<ul> <li>with single-phase operation at AC rated value</li> <li>with multi-phase operation at AC rated value</li> <li>300 V</li> </ul> Disconnect Switch response value of switch disconnector 200A / 250V design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating d4X, 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 at VNG cables single or multi-stranded tarver 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 tightening torque [lbf-in] for load-side outgoing feeder tarver of the conductor for load-si		5A@600VAC (B600), 1A@250VDC (R300)
with multi-phase operation at AC rated value     300 V      Disconnect Switch      response value of switch disconnector     200A / 250V      design of fuse holder     operating class of the fuse link     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     lype of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply         275 275 lbf-in         tx (6 AWG 300 Kcmil)         tx (6 AWG 300 Kcmil)      metrial of the conductor for supply maximum     permissible     material of the conductor for supply         AL or CU     type of electrical connection for load-side outgoing feeder         type of connectable conductor for supply         AL or CU         type of connectable outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor for supply         AL or CU         type of connectable conductor for supply         AL or CU         type of connectable outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor for supply         AL or CU         type of connectable outgoing feeder         type of connectable outgoin	insulation voltage (Ui)	
Disconnect Switch           response value of switch disconnector         200A / 250V           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/wring            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         275 275 lbf-in           tx (6 AWG 300 Kcmil)         1x (6 AWG 300 Kcmil)           at AWG cables single or multi-stranded         1x (6 AWG 300 Kcmil)           temperature 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 cross-sections at AWG         cables single or multi-stranded           temperature of the conductor for supply         AL or CU           type of electrical connectable conductor for supply eleder         120 120 lbf-in           tightening torque [lbf-in] for load-side outgoing feeder         1	<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
response value of switch disconnector200A / 250Vdesign 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 supply275 275 lbf-intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (6 AWG 300 Kcmil)material of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder120 120 lbf-intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder1x (14 2/0 AWG)tightening torque [lbf-in] for load-side outgoing feeder1x (14 2/0 AWG)	<ul> <li>with multi-phase operation at AC rated value</li> </ul>	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 supply275 275 lbf-intype of connectable conductor cross-sections at line-side at AWG cables single or multi-strandedTs °Cmaterial of the conductor 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 feeder1x (14 2/0 AWG)type of connectable conductor for load-side outgoing feeder1x (14 2/0 AWG)	Disconnect Switch	
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       dustproof, waterproof & resistant to corrosion         Mounting/wiring       wertical         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       275 275 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (6 AWG 300 Kcmil)         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 cross-sections at AWG cables for load-side outgoing feeder       1x (14 2/0 AWG)         tables for load-side outgoing feeder       75 °C	response value of switch disconnector	200A / 250V
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       275 275 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (6 AWG 300 Kcmil)         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 cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded       1x (14 2/0 AWG)         tightening torque [lbf-in] for load-side outgoing feeder       1x (14 2/0 AWG)	design of fuse holder	Class R fuse clips
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Mounting/wiringmounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply275 275 lbf-intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (6 AWG 300 Kcmil)temperature 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 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)		
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tightening torque [lbf-in] for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor cross-sections at AWG       1x (14 2/0 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 electrical connection for supply voltage line-side tightening torque [lbf·in] for supply type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible	Box lug 275 275 lbf-in 1x (6 AWG 300 Kcmil) 75 °C
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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 maximum permissible       75 °C	type of electrical connection for supply voltage line-sidetightening torque [lbf·in] for supplytype of connectable conductor cross-sections at line-sideat AWG cables single or multi-strandedtemperature of the conductor for supply maximumpermissiblematerial of the conductor for supplytype of electrical connection for load-side outgoing feeder	Box lug 275 275 lbf·in 1x (6 AWG 300 Kcmil) 75 °C AL or CU Box lug
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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 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, Broch	ures,)
www.usa.siemens.com/iccatalog	
Industry Mall (Online ordering system)	
nups//mai/industry siemens com/mai//en/us/Catalod/broduct	

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17HUG82WD16

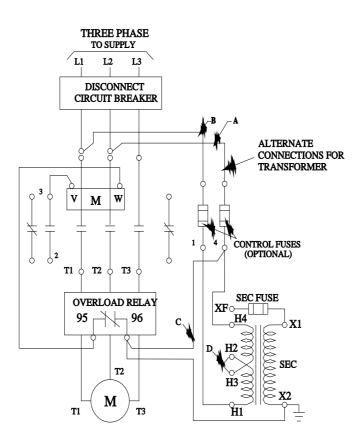
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG82WD16

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:17HUG82WD16&lang=en Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG82WD16/certificate



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