## SIEMENS

## Data sheet

## US2:17GUG92WG15



Non-reversing motor starter, Size 2 1/2, Three phase full voltage, Solidstate overload relay, OLR amp range 25-100A, Combination type, 100A fusible disconnect, 100A/600V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, Standard width enclosure

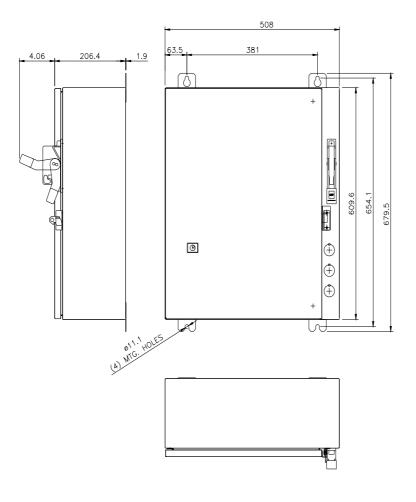
Figuresi	milar
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product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay; Half-size controller
General technical data	
weight [lb]	49 lb
Height x Width x Depth [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	0 hp
<ul> <li>at 220/230 V rated value</li> </ul>	0 hp
<ul> <li>at 460/480 V rated value</li> </ul>	30 hp
<ul> <li>at 575/600 V rated value</li> </ul>	0 hp
Contactor	
size of contactor	Controller half size 2 1/2
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	60 A
mechanical service life (switching cycles) of the main contacts typical	1000000
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	

• et AC at 50 Hz reted value     190 220 V       • et AC at 60 Hz reted value     220 240 V       holding power at AC minimum     8.6 W       apparent plackup power of magnet coil at AC     218 VA       operating range factor control supply voltage rated value     6.6 W       of magnet 200 voltage of magnet coil at AC     25 VA       operating range factor control supply voltage rated value     60 %       of magnet 200 voltage     19 20 ms       OPF-delay time     10 24 ms       Overfoad rotay     75 %       opticating range factor control supply voltage rated value     60 %       OPF-delay time     10 24 ms       Overfoad protection     Yes       • product function     Yes       • product function     Yes       • asymmetry detection     Yes       • asymmetry detection     Yes       • external reset     Yes       • tots function     Yes       tripping time at phase-loss maximum     3 s       relative repeat accuracy     1       product function     1%       relative repeat accuracy     1%       opticat fact accuracy     1%       opticat fact accuracy     1%       opticat fact accuracy     1%       opticat fact accuracy     1       • at Co at 600 V		100 000 1/
holding power at AC minimum     8.6 W       apparent holding power of magnet coil at AC     25 VA       operating range factor control supply voltage rated value of magnet coil     0.85 1.1       offer delay time     50 %       OFF-delay time     10 24 ms       OVerload rate     Yes       • apparent holding protection     Yes       • apparent response value current of the current     25 10.0 A       tip class     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response value current of the current     25 00.0 A       tipping time at phase-loss maximum     3 s       relative repeat accuracy     Yes       product facting protection acting on printed-circuit board     1       relative repeat accuracy     1%       product facting contacts of overload     1       relative repeat accuracy     1%       product facting contacts of overload relay     5 A       • at Ca 250 V     1A       contact rating of auxiliary contacts of overload relay     5 A       • at Ca 250 V     1A       contact rating of a	at AC at 50 Hz rated value	190 220 V
separent pick-up power of magnet coil at AC         218 VA           separent holding power of magnet coil at AC         25 VA           OBS1.1         0.851.1           operating range factor control supply voltage rated value         0.851.1           OR         0.851.1           OPErded range         1929 ms           OFF-delay time         1924 ms           Overload protection         Yes           • passe failure detection         Yes           • asymmetry detection         Yes           • external reset         Yes           • external reset         Yes           reset function         Yes           restor         Yes           pro		
apparent holding power of magnet coil at AC         25 VA           operating range facto control supply voitage rated value of magnet coil         0.85 1.1.           percental drop-out voltage of magnet coil related to the input voitage.         50 %           Overload relay         1929 ms           OPEr delay time         1024 ms           Overload relay         Yes           product function         Yes           • averload protection         Yes           • averload relay         Yes           • ground fault detection         Yes           • averload relase         Yes           • ground fault detection         Yes           • averload relase         Yes           • averload relase         Yes           • averload relase         Yes           • averload relase         Yes           • averload release         Yes           • averload release         Yes           • averload release         Yes           reset function         Yes           ripping time at phase-toss maximum         3 s           relative repeat accuracy         1%           product facture protective coating on printed-circuit bard         1           number of NC contacts of availiary contacts of overload relay		
operating range facto control supply voltage rated value of magnet coll         0.85 1.1           percential drop-out voltage of magnet coll related to the input voltage.         50 %           ON-relaty time         19 29 ms           OFF-delay time         10 24 ms           Overload protection         Yes           • phase failure detection         Yes           • phase failure detection         Yes           • external reset         Yes           • external reset         Yes           • external reset         Yes           • external reset         Yes           reset function         Manual, automatic and remote           tripping time at phase-loss maximum         3 s           relative repretive coating on printed-dicuit board         1           number of NC contacts of auxiliary contacts of overload         1           relative repretive coating on printed-dicuit board         1           rumber of NC contacts of auxiliary contacts of overload relay         4           otat 250 V         1 A           contact rating of auxiliary contacts		
of magnet coll       50 %         input voltage       50 %         ON-delay time       19 29 ms         OFF-delay time       10 24 ms         Overload rolay       Yes         product function       Yes         • overload protection       Yes         • ground fault detection       Yes         • ground fault detection       Yes         • lest function       Yes         • external reset       Yes         • external reset       Yes         thip class       CLASS 57 / 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 fauture protective coating on printed-circuit board       1         relative repeat accuracy       1 %         product fauture protective coating on printed-circuit board       1         relative repeat accuracy       1 %         product fauture of auxiliary contacts of overload relay       5 A         • at QC at 260 V       5 A <td></td> <td></td>		
input voltage       19 29 ms         ON-delay time       19 24 ms         Otricidal taisy       10 24 ms         product function       Yes         • overload protection       Yes         • overload protection       Yes         • overload protection       Yes         • overload protection       Yes         • overload relay       Yes         reset function       Manual, automatic and remote         Itip class       CLASS 5 / 10 / 20 (factory set) / 30         adjustable current response value current of the current-       dependent overload release         tripping time a phase-loss maximum       3 s         relay       number of NC contacts of auxiliary contacts of overload         number of NC contacts of auxiliary contacts of overload relay       1         • at DC at 250 V       1A         Insultation voltage (UI)       • at DC at 250 V		
OFF-delay time     10 24 ms       Overload relay     product function       • overload protection     Yes       • phase failure detection     Yes       • ground fault detection     Yes       • external reset     Yes       • external reset     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 of NC contacts of auxiliary contacts of overload relay     3 s       relative repeat accuracy     1%       product flauting vortacts of overload relay     1       operational current of NC contacts of auxiliary contacts of overload relay     1       ortact s dial group outpact of auxiliary contacts of overload relay     5 A       • at DC at 250 V     1A       ocotact at dial group outpacts of overload relay     300 V       exist 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       • with multi-phase operation at AC rated value     600 V       operating dias of the fuse link     Class R <b>Fectorest witch</b> Class R fuse clips       operating dias of the fuse link     Class R <b>Fectorest</b> 4X, 304 stainless steel		50 %
Overload rolay           product function           • verdoad protection           • phase failure detection           • symmetry detection           • error of built detection           • external reset           reset function           tripping time at phase-loss maximum           relative repeat accuracy           • error of accuracy           relative repeat accuracy           • error of auxiliary contacts of overload           relay           • error of auxiliary contacts of overload relay           • error of auxiliary contacts of overload relay           • error of auxiliary contacts of overload relay           • error of auxiliary contacts of overload relay           • error of auxiliary contacts of overload relay           according to UL           insulation voltage (Ui)           • eit C at 250 V           • eit C at 250 V           • eit C at 250 V           • eit C at	ON-delay time	19 29 ms
product function         Yes           • vortoad protection         Yes           • phase failure detection         Yes           • asymmetry detection         Yes           • ground fault detection         Yes           • external reset         Yes           reset function         Yes           • external reset         Yes           adjustable current response value current of the current- dependent overtoad release         CLASS 5 / 10 / 20 (factory set) / 30           tripping time a 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 according to UL         1           insultation voltage (U)         5 A           eit DC at 250 V         1 A           contact rating of auxiliary contacts of overload relay according to UL         5000 V           insultation voltage (U)         600 V           • with multi-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         300 V           Disconnect Switch         100A / 600V           design of fuse holder	OFF-delay time	10 24 ms
everload protection     enderse failure defection     dipartable current response value current of the current-     dependent overload release     fripping time at phase-loss maximum     as a     relative repeat accuracy     1 %     product feature protective coating on printed-circuit board     relay     number of NC contacts of auxiliary contacts of overload     relay     enderse failure of auxiliary contacts of overload     relay     enderse failure protective coating on printed-circuit board     relay     enderse failure defection of auxiliary contacts of overload     relay     enderse failure protective coating on printed-circuit board     relay     enderse failure protective coating on eventoad     relay     enderse failure protective coating on eventoad     relay     enderse failure failer contacts of overload     relay     enderse failure failer     enderse failer failer     enderse     enderse failure failer     failer failer     failer failer     failer     enderse failer     failer	Overload relay	
Phase failure detection     Yes     saymmetry detection     Yes     external reset     Yes     cutors     external reset     Yes     CLASS 5 / 10 / 20 (factory set) / 30     adjustable current response value current of the current- dependent verticed release     trip class     tripping time at phase-loss maximum     3 s     trelative repretative coating on printed-circuit board     relay     number of NC contacts of auxiliary contacts of overload     relay     operational current of auxiliary contacts of overload     relay     eat AC at 600 V     s     at AC at 800 V     s     at AC at 800 V     s     at AC at 800 V     s     contact rating of auxiliary contacts of overload relay     according to UL     insulation voltage (UI)     with imulti-phase operation at AC rated value     300 V     Disconnect Switch     response value of switch disconnector     design of fuse holder     class R     treated     design of fuse holder     design of the housing     dustproof, waterproof & resistant to corrosion     Mounting/wring     mounting position     vertical     fastening method     type of electrical connection for supply voltage line-side     at WAC cables single or multi-stranded     tupping interveree     at WAC at 800 V     support the housing     dustproof, waterproof & resistant to corrosion     Mounting/wring     mounting position     vertical     fastening method     type of electrical connection for supply voltage line-side     at WAC ables single or multi-stranded     temperature of the conduct for supply maximum     75 °C	product function	
e asymmetry detection     ergeund fault detection     ergeund fault detection     ergeund fault detection     external reset     external reset     external reset     reset function     diptabile current response value current of the current- dependent overload release     tripping time at phase-loss maximum     adjustable current response value current of the current- dependent overload release     tripping time at phase-loss maximum     as a     relative repeat accuracy         1 %     product feature protective coating on printed-circuit board     relative repeat accuracy         1 %     product feature protective coating on printed-circuit board     relave     external reset     external current of auxiliary contacts of overload     relave     external current of auxiliary contacts of overload     relave     ext at 600 V         5 A         at CC at 250 V         1 A     contact rating of auxiliary contacts of overload relay         according to UL     insultation voltage (Ui)     evith single-phase operation at AC rated value         bits ingle-phase operation at AC rated value         bitsoneet Switch     response value of switch disconnector         degree of protection NEMA rating         dustproof, waterproof & resistant to corrosion         Mounting/wiring         mounting position         vertical         surface mounting and installation         Surface mounting and installati	<ul> <li>overload protection</li> </ul>	Yes
	<ul> <li>phase failure detection</li> </ul>	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       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         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 voltage (U)       5 A         • at DC at 250 V       1 A         sconding to UL       600 V         insulation voltage (U)       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V <b>Pisconnect Switch</b> Class R         response value of switch disconnector       100A / 600V         degree of protection NEMA rating       4X, 304 stainless steel         design of the huse link       Class R         Enclosure       degree of protection NEMA rating         degree of protection	<ul> <li>asymmetry detection</li> </ul>	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         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           • 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         5 A@600VAC (B600), 1A@250VDC (R300)           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 tube holder         Class R fuse clips           operational galas of the fuse link         Class R           Enclosure         dustproof, waterproof & resistant to corrosion	<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 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 et AC at 600 V         5 A           et AC at 600 V         5 A           et AC at 600 V         5 A           et AC at 600 V         5 A           insulation voltage (Ui)         600 V           ewith single-phase operation at AC rated value         600 V           with single-phase operation at AC rated value         600 V           ogo v         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 fuse holder         Sufface mounting and installation           gene of protection NEMA rating         4X, 304 stainless steel           design of the housing         Vertical <td>test function</td> <td>Yes</td>	test function	Yes
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 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 e at AC at 600 V         5 A           according to UL         1 A           insulation voltage (Ui)         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           operating class of the fuse link         Class R fuse clips           operating class of the fuse link         Class R fuse clips           operating class of the fuse link         Class R <b>Felcosure</b> 4X, 304 stainless steel           design of the housing         dustproof, waterproof & resistant to corrosion           Mounting/wring         vertical           mounting position         vertical           fastening method	external reset	Yes
adjustable current response value current of the current- dependent overload release       25 100 Å         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 eat AC at 600 V       1         • at DC at 250 V       1 Å         contact rating of auxiliary contacts of overload relay according to UL       5A         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       Class R fuse clips         response value of switch disconnector       100A / 600V         design of thue holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       600 V         Mounting/wiring       4X, 304 stainless steel         design of the housing       4X, 304 stainless steel         design of the housing       Surface mounting and installation         type of electrical connection for supply voltage line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum	reset function	Manual, automatic and remote
adjustable current response value current of the current- dependent overload release       25 100 Å         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 eat AC at 600 V       1         • at DC at 250 V       1 Å         contact rating of auxiliary contacts of overload relay according to UL       5A         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       Class R fuse clips         response value of switch disconnector       100A / 600V         design of thue holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       600 V         Mounting/wiring       4X, 304 stainless steel         design of the housing       4X, 304 stainless steel         design of the housing       Surface mounting and installation         type of electrical connection for supply voltage line-side at AWG cables single or multi-stranded temperature of the conductor for supply maximum	trip class	CLASS 5 / 10 / 20 (factory set) / 30
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         number of NC contacts of auxiliary contacts of overload       1         relay       0         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       5 A@600VAC (B600), 1A@250VDC (R300)         according to UL       500 V         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         obsconnect Switch       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       design of the housing         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       Surface mounting and installation         type of connectable condu	adjustable current response value current of the current-	
relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         number of NO contacts of auxiliary contacts of overload       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       5A@600VAC (B600), 1A@250VDC (R300)         according to UL       insulation voltage (Ui)         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V <b>Disconnect Switch</b> 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 position       vertical         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side       1x (14 1/0 AWG)         tarket at AWG cables single or multi-stranded       1x (14 1/0 AWG)	tripping time at phase-loss maximum	3 s
product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         number of NC contacts of auxiliary contacts of overload       1         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       5 A@600VAC (B600), 1A@250VDC (R300)         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         Enclosuro       dustproof, waterproof & resistant to corrosion         Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side       1x (14 1/0 AWG)         tightening torque [lbFin] for supply voltage line-side       1x (14 1/0 AWG)		1 %
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 AC at 800 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         • 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         operating class of the fuse link       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wring       mounting position         mounting bosition       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)         ttype of the conductor for supply maxi		Yes
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       5 A@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         Disconnect Switch       Class R fuse clips       000 V         response value of switch disconnector       100A / 600V       Class R fuse clips         operating class of the fuse link       Class R       Enclosure         degree of protection NEMA rating       4X, 304 stainless steel       dustproof, waterproof & resistant to corrosion         Mounting/wring       mounting position       vertical       Surface mounting and installation         type of electrical connection for supply voltage line-side       Eox lug       120 120 lbF in         type of connectable conductor cross-sections at line-side       1x (14 1/0 AWG)       1x (14 1/0 AWG)	number of NC contacts of auxiliary contacts of overload	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         300 V         Disconnect Switch           response value of switch disconnector         100A / 600V         design of fuse holder           operating class of the fuse link         Class R fuse clips         degree of protection NEMA rating           degree of protection NEMA rating         4X, 304 stainless steel         design of the housing           mounting position         vertical         surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug         tightening torque [lbf-in] for supply           type of connectable conductor orss-sections at line-side         1x (14 1/0 AWG)         1x (14 1/0 AWG)	number of NO contacts of auxiliary contacts of overload	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       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         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position         restening method       Surface mounting and installation         type of electrical connector for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       120 120 lbf-in         type of connectable conductor for supply maximum       75 °C	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 multi-phase operation at AC rated value       300 V <b>Disconnect Switch</b> 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 <b>Enclosure</b> 4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       vertical         mounting osition       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)         temperature of the conductor for supply maximum       75 °C	• 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         response value of switch disconnector         100A / 600V         design of fuse holder         operating class of the fuse link         Class R         Enclosure         degree of protection NEMA rating         design of the housing         dustproof, waterproof & resistant to corrosion         Mounting/wiring         mounting position         vertical         fastening method         type of electrical connection for supply voltage line-side         Box lug         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         75 °C	● at DC at 250 V	1 A
with single-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     design of the housing     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     itightening torque [lbf-in] for supply     120 120 lbf-in      type of connectable conductor for supply maximum     75 °C		5A@600VAC (B600), 1A@250VDC (R300)
• with multi-phase operation at AC rated value       300 V         Disconnect Switch	insulation voltage (Ui)	
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       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)         temperature of the conductor for supply maximum       75 °C	<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 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       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       1x (14 1/0 AWG)         at AWG cables single or multi-stranded       75 °C	<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 supply120 120 lbf-intype of connectable conductor cross-sections at line-side1x (14 1/0 AWG)at AWG cables single or multi-stranded75 °C	Disconnect Switch	
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 °C		100A / 600V
operating 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)temperature of the conductor for supply maximum75 °C	•	
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       1x (14 1/0 AWG)         at AWG cables single or multi-stranded       75 °C		
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-sideBox lugtightening torque [lbf-in] for supply120 120 lbf-intype of connectable conductor cross-sections at line-side1x (14 1/0 AWG)temperature of the conductor for supply maximum75 °C		
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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)         temperature of the conductor for supply maximum       75 °C		
mounting 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-side at AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum75 °C	<u> </u>	
fastening 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-side at AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum75 °C		
type of electrical connection for supply voltage line-sideBox lugtightening torque [lbf·in] for supply120 120 lbf·intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum75 °C		
tightening torque [lbf-in] for supply120 120 lbf-intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum75 °C		
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       75 °C		, , , , , , , , , , , , , , , , , , ,
at AWG cables single or multi-stranded       temperature of the conductor for supply maximum       75 °C		
	at AWG cables single or multi-stranded	
	permissible	75 °C
material of the conductor for supply AL or CU		AL or CU
type of electrical connection for load-side outgoing feeder Box lug		
tightening torque [lbf·in] for load-side outgoing feeder 45 45 lbf·in		
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded 1x (14 2 AWG)	cables for load-side outgoing feeder single or multi-	1x (14 2 AWG)
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible		75 °C

	-	
material of the conductor for load-side outgoing feeder	AL or CU	
type of electrical connection of magnet coil	Screw-type terminals	
tightening torque [lbf·in] at magnet coil	5 12 lbf·in	
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (16 12 AWG)	
temperature of the conductor at magnet coil maximum permissible	75 °C	
material of the conductor at magnet coil	CU	
type of electrical connection 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, Brochures,) www.usa.siemens.com/iccatalog Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17GUG92WG15 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17GUG92WG15		
Imperent database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)		

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:17GUG92WG15&lang=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17GUG92WG15/certificate



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