## SIEMENS

## Data sheet

## US2:17CUA92BG10



Non-reversing motor starter, Size 0, Three phase full voltage, Solid-state overload relay, OLR amp range 0.25-1A, Combination type, 30A fusible disconnect, 30A/250V fuse clip, Enclosure NEMA type 1, Indoor general purpose use, Standard width enclosure

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product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay
General technical data	
weight [lb]	34 lb
Height x Width x Depth [in]	24 × 11 × 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
during operation	-20 +40 °C
country of origin	USA
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	0.17 hp
<ul> <li>at 220/230 V rated value</li> </ul>	0.17 hp
• at 460/480 V rated value	0 hp
• at 575/600 V rated value	0 hp
Contactor	
size of contactor	NEMA controller size 0
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	18 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	8
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	

• al AC al 50 Hz rated value       150220 V         • al AC al 50 Hz rated value       220240 V         • bolding power al AC minimum       8.6 W         • apparent holding power of magnet coll aLAC       25 NA         • apparent holding power of magnet coll aLAC       25 NA         • apparent holding power of magnet coll related to the input voltage of magnet coll related to the function       50 %.         • protected frage       19		
Indeling power at AC minimum         8.4 W           apparent holding power of magnet coil at AC         218 VA           apparent holding power of magnet coil at AC         25 VA           Descripting ranging rang	• at AC at 50 Hz rated value	
apparent plak-up power of magnet coli at AC         218 VA           apparent holding power of magnet coli at AC         25 VA           apparent holding power of magnet coli at AC         25 VA           apparent holding power of magnet coli at AC         25 VA           apparent holding power of magnet coli at AC         26 VA           apparent holding power of magnet coli at AC         26 VA           contrad protection         1928 ms           Overload rotacy         1024 ms           product function         Yes           • overload protection         Yes           • optimate faiture detection         Yes           • external reset         Yes           • reset function         Yes           • product theature protective conting on printed-circuit tourd         0.25 1 A           deponetin driving contacts of overload relay         1           relative repeat ecuracy         1%           product testars of auxiliary contacts of overload relay         1		
apparent holding power of magnet coil # AC.         26 VA.           operating range foot         0.85 1.1           operating range foot         0.85 1.1           operating range foot         0.85 1.1           OPF-Foldery time         19 26 ms           OFF-foldery time         10 24 ms           Overload protection         Yes           • overload protection         Yes           • asymmetry detection         Yes		
operating range factor control supply voltage rated value         0.85 1.1           of magnet coll         50 %           DN-delay time         19 20 ms           OCH-delay time         10 24 ms           Overload rate/         70 %           overload protection         Yes           • esternal reset         Yes           • esternal reset         Yes           * esternal reset         Yes           oppondent overload notection         0.25 1 A           oppondent overload notection         0.25 1 A           oppondent overload notection         0.25 1 A           opponde		
of magnet coli     End       precental drop-out voltage of magnet coli related to the     50 %       OH-delay time     19 29 ms       OF-delay time     10 24 ms       Overhoad relay     product function       • overfoad protection     Yes       • asymmetry detection     Yes       • astar function     Yes       reset function     CLASS 5 / 10 / 20 (factory set) / 30       reset function     CLASS 5 / 10 / 20 (factory set) / 30       relative repeat accuracy     1 %       product facture protective coating on printed-circuit bard     Yes       number of NC contacts of axuliary contacts of overload relay     1       operational current of axuliary contacts of overload relay     5 Å       • at DC at 250 V     5 Å       • at DC at 250 V     5 Å       • at DC at 250 V     5 Å       • with multi-phase operation at AC rated value     800 V       • with multi-phase operation at AC rated value     900 V       • with multi-phase operation at AC rated value     900 V       • with multi-phase operation at AC rated value     900 V       • with multi-phase operation at AC rated value     900 V		25 VA
input voltage         1928 ms           ON-deley time         1928 ms           OVerfoad rotsy         1024 ms           Overfoad rotsy         1024 ms           overfoad protection         Yes           • phase failure dataction         Yes           • asymmetry detaction         Yes           • asymmetry detaction         Yes           • external reset         Yes           reset function         Yes           • external reset         Yes           reset function         Yes           • external reset         Yes           reset function         3 s           relative repeat accuracy         1%           product feature protective coating on printed-circuit board         1           relaty         rese         1           ortical rating of auxiliary contacts of overload relay         5 A           • at DC at 280 V         1A           formation voltage (U)         600 V           • with multi-phase operation at AC rated value         300 V           Subcornect		0.85 1.1
OFF-dely time     10 24 ms       Overficad rolay     Product function       • overficad protection     Yes       • phase fullure detection     Yes       • asymmetry detection     Yes       • asternal reset     Yes       reset function     Manual, automatic and remote       tripping time at phase-base maximum     3 s       relative repeat accuracy     1%       product teature protective coating on printed-circuit board     1       relative repeat accuracy     1%       product teature protective coating on overlead     1       relative repeat accuracy     1%       operational current of auxiliary contacts of overlead     1       relative repeat accuracy     5 A       • at CC at 250 Y     5 A       • at CC at 250 Y     5 A       insulation voltage (U)     600 V       • with mille-phase operation at AC rated value     500 V       operating class of the lose link     Class R       Class R fuse clips     Class R       operating class of the lose link     Class R       design of hease lose indix     Class R       operating class of the		50 %
Overload protection         Yes           product function         Yes           • overload protection         Yes           • asymmetry detection         Yes           • aground fault detection         Yes           • external reset         Yes           is thinction         Yes           • external reset         Yes           digatable current response value current of the current- dependent overload release         Outs S5 /10 / 20 (factory set) / 30           outs and the external reset         Yes           reset function         1%           product facture protective coating on printed-circuit board         Yes           number of NC contacts of auxiliary contacts of overload         1           relay         • at Ca t800 V         1           • at Ca t800 V         5 A           • at Ca t800 V         600 V           • with mult-phase operation at AC rated value         500 V           Outcontct Switch         600 V           • wi	ON-delay time	19 29 ms
product function     Ves       • overlead protection     Yes       • apametry detection     Yes       • aguint full detection     Yes       • rest function     Yes       • test function     Yes       • external reset     Yes       • reset function     Manual, automatic and remote       Trip class     CLASS 5 / 10 / 20 (fectory set) / 30       adjustable current response value current of the current-     CLASS 5 / 10 / 20 (fectory set) / 30       adjustable current response value current of the current-     CLASS 5 / 10 / 20 (fectory set) / 30       inpipor gine at phase-loss maximum     3 s       relative repeat accuracy     1 %       product feature protective coaling on printed-circuit board     1       number of NC contacts of auxiliary contacts of overload     1       operational current of auxiliary contacts of overload relay     5 A       • at DC at 280 V     1 A       contact rating of auxiliary contacts of overload relay     5 A       • at DC at 280 V     1 A       contact rating of auxiliary contacts of overload relay     5 A       • at DC at 280 V     1 A       contact rating of auxiliary contacts of overload relay     5 A       • at DC at 280 V     1 A       operating class of the luse link     Class R       Deconting bull     • with multi-phase	OFF-delay time	10 24 ms
voveficial protection     ves	Overload relay	
Phase failure detection     Yes     asymmetry detection     Yes     asymmetry detection     Yes     ground fault detection     Yes     exitemal reset     Yes     reset function     Yes     exitemal reset     Yes     reset function     Yes     exitemal reset     Yes     reset function     Yes     runder of NC contacts of auxiliary contacts of overload     relay     reperational current of auxiliary contacts of overload relay     s     ortacts rating or auxiliary contacts of overload relay     s     s     according to UL     insulation voltage (U)     with single-phase operation at AC rated value     with single-phase operation at AC rated value     300 V <b>Deconnect Switch     response value of switch disconnector     Gass R fuse clips     operating class of the fuse link     Class R     Surface mounting and installation     Hype of electrical connection for supply value line-side     adv/s cable of or supply value line-side     adv/s cable on a general basis     Mounting/wring     mounting position     vertical     Surface mounting and installation     Hype of electrical connection for supply value line-side     adv/s cable on ductor for supply     AL or CU     Hype of electrical connection for supply value for write     Surface mounti</b>	product function	
esymmetry detection     yes     ground fault detection     yes     external reset     yes     adjustatie current response value current of the current     dependent overdaar release     Q25 1 A     Q25 1 A     Q25 1 A     Q25 1 A     querted relative representations     relative repeat-loss maximum     3 s     relative repeat-loss maximum     or perational accuracy     1 %     product feature protective coating on printed-dirout board     Yes     number of NC contacts of auxiliary contacts of overload     relative     repeat of auxiliary contacts of overload     relay     ounter of auxiliary contacts of overload relay     exit DC at 250 V     1A     forther response 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     forther     response value of switch disconnector         Gass R fuse cips     operating dass of the fuse link         Class R         Fase line         Class R         Fase line	<ul> <li>overload protection</li> </ul>	Yes
	phase failure detection	Yes
	<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         0.25 1 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 e. at AC at 600 V         5 A           • at DC at 250 V         1 A           operational current of auxiliary contacts of overload relay according to UL         5 &           insultation voltage (UI)         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         90 V           Disconnect.switch         Class R fuse clips           operating class of the fuse link         Class R fuse clips           class R fuse clips         1           design of the housing         1           design of the housing         1           fastening method         <		Yes
resel 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       0.25 1 A         tripping lime at phase-loss maximum       3 s         relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1 %         operational current of auxiliary contacts of overload relay       1         • at AC at 600 V       5 A         • at AC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5a/@@00VAC (B600), 1A@250VDC (R300)         according to UL       600 V         • with molti-phase operation at AC rated value       600 V         • with molti-phase operation at AC rated value       600 V         • with molti-phase operation at AC rated value       30A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       Glass R fuse clips         operating class of the fuse link       Class R         Enclosure       Box lug         design of thes housing       1	test function	Yes
trip class       CLASS 5 / 10 / 20 (factory set) / 30         adjustble current response value current of the current- dependent overload release       0.25 1 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       ext AC at 600 V       5 A         • at AC at 600 V       5 A         • at AC at 500 V       5 A         • at DC at 250 V       1 A         Somotage (UI)       5 A         insultation voltage (UI)       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       500 V         Desconnect Switch       20A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       20d / 250V         degree of protection NEMA rating       1         indexing unchod       Surface moun	<ul> <li>external reset</li> </ul>	Yes
trip class       CLASS 5 / 10 / 20 (factory set) / 30         adjustble current response value current of the current- dependent overload release       0.25 1 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       ext AC at 600 V       5 A         • at AC at 600 V       5 A         • at AC at 500 V       5 A         • at DC at 250 V       1 A         Somotage (UI)       5 A         insultation voltage (UI)       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       500 V         Desconnect Switch       20A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       20d / 250V         degree of protection NEMA rating       1         indexing unchod       Surface moun	reset function	Manual, automatic and remote
adjustable current response value current of the current- dependent overload release       0.25 1 A         itpiput 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       1         relative repeat accuracy       1         operational current of auxiliary contacts of overload       1         relay       1 A         operational current of auxiliary contacts of overload relay according to UL       5 A         insultaton voltage (UI)       • ait DC at 250 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         operating class of the fuse link       Class R fuse clips         coperating class of the fuse link       Class R         Enclosure       4         degree of protection NEMA rating       1         idesign of fuse holder       Surface mounting and installation         type of electrical connection for supply voltage line-side       35 35 lbr in         type of electrical connection for supply maximum       75 °C         material of the conductor for supply m		
tripping time at phase-loss maximum       3 s         relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5 Å         • at AC at 600 V       5 Å         • at AC at 600 V       5 Å         onder taring of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       600 V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       600 V         design of the housing       1         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side at AVC cables single or multi-stranded       75 °C         material of the conductor for load-side outgoing feeder       20 24 lbFin         temperature of the conductor for load-side outgoing feeder       75 °C <td>adjustable current response value current of the current-</td> <td></td>	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         relay       1         unmber of NO contacts of auxiliary contacts of overload       1         operational current of auxiliary contacts of overload relay       1         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A@600VAC (B600), 1A@250VDC (R300)         according to UL       600 V         • at DC at 250 V       1 A         finsulation voltage (Ui)       • with single-phase operation at AC rated value         0biconnect Switch       600 V         response value of switch disconnector       30A / 250V         degree of protection NEMA rating       1         degree of protection NEMA rating       1         degree of protection NEMA rating       1         degree of protection concert on supply voltage line-side       Surface mounting and installation         type of electrical connection for supply voltage line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       Screw-type terminals         temperature of the conductor for supply maximum permissible       75 °C         wef electrical connectain for load-side outgoing feeder </td <td></td> <td>3 s</td>		3 s
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         relay       1         operational current of auxiliary contacts of overload relay       1         • at DC at 500 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)         isulation voltage (UI)       • with single-phase operation at AC rated value         • with multi-phase operation at AC rated value       600 V         journect Switch       7 (Cass R fuse clips         response value of switch disconnector       30A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wring       9 sturface mounting and installation         type of electrical connection for supply voltage line-side       1 x (14 2 AWG)         tightening torue [IbFin] for supply multi-stranded       75 °C         temperature of the conductor for supply maximum permissible       2 24 IbFin         type o		
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 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         insulation voltage (UI)       • with single-phase operation at AC rated value • with multi-phase operation at AC rated value       600 V         obscinct Switch       300 / 250V <b>Disconnect Switch</b> Class R fuse clips         response value of switch disconnector       30A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       fastening method         Mounting/wiring       1         mounting position       vertical         Surface mounting and installation       Surface mounting and installation         type of electrical connection for supply voltage line-side at AWG cables single or multi-stranded       75 °C         where a fuse clips inder ounductor ros-sections at MUG ables for load-side outgoing feeder       20 24 lbf in 2X (14 10 AWG)	· · · · · · · · · · · · · · · · · · ·	
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 <b>Disconnect Switch</b> Class R fuse clips         operating class of the fuse link       Class R <b>Encource</b> degree of protection NEMA rating         design of the housing       indoors, usable on a general basis <b>Mounting/wiring</b> vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of concectable single or multi-stranded       1x (14 2 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       2x (24 Linin 0 AWG)         type of electrical connectable outgoing feeder single or multi-stranded       2x (24 Linin 0 AWG)		
relay       operational current of auxiliary contacts of overload relay         • at AC at 600 V       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       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>0 isconnect Switch</b> response value of switch disconnector         response value of switch disconnector       30A / 250V         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       indoors, usable on a general basis         Mounting/wring       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tiphering torque [bi-in] for supply       35 35 lib-in         type of connectable conductor for supply maximum       75 °C         permissible       To CU         type of electrical connection for load-side outgoing feeder       2x (14 10 AWG)         cables for load-side outgoing feeder single or multi-	relay	
• at AC at 600 V       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (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       700 V         response value of switch disconnector       30A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       600 V         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connectable conductor for supply voltage line-side at AWG cables single or multi-stranded       1x (14 2 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor rol load-side outgoing feeder       2x (14 10 AWC)         cables for load-side outgoing feeder       75 °C		1
• at DC at 250 V       1 Å         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         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       700 V         response value of switch disconnector       30A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       600 V         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         wertical       fastening method         tightening torque [Ibf-in] for supply voltage line-side       Box lug         tightening torque [Ibf-in] for supply       35 35 IbF in         type of connectable conductor for supply maximum       75 °C         material of the conductor for load-side outgoing feeder       20 24 IbF in         type of concetable conductor for load-side outgoing feeder       20 24 IbF in         type of connectable conductor for load-side outgoing feeder       20	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       200 V         response value of switch disconnector       30A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       600 v         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         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       35 35 lbf-in         vpe of connectable conductor ross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       Screw-type terminals         temperature of the conductor for supply maximum       75 °C         premissible       2x (14 10 AWG)         etables for load-side outgoing feeder       2x (14 10 AWG)         tightening torque	• 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         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       6         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       75 °C         material of the conductor for supply maximum permissible       Screw-type terminals         material of the conductor for load-side outgoing feeder       20 24 lbf-in         type of connectable conductor fors and wide cables for load-side outgoing feeder       20 24 lbf-in         tightening torque [lbf-in] for load-side outgoing feeder<	• 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     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     design of the housing     mounting position     restrict     design of the housing     mounting position     restrict     fastening method     type of electrical connection for supply voltage line-side     at AVG cables single or multi-stranded     temperature 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 electrical connection for load-side outgoing feeder     type of connectable 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 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     tho and the fine     type of connectable conductor for supply     tho and the fine     type of connectable conductor for supply     tho and the fine     type of connectable conductor for supply     tho fin		5A@600VAC (B600), 1A@250VDC (R300)
with multi-phase operation at AC rated value     300 V      Disconnect Switch      response value of switch disconnector     design of fuse holder     Class R fuse clips     operating class of the fuse link     Class R      Enclosure      degree of protection NEMA rating     design of the housing     I     design of the housing     indoors, usable on a general basis      Mounting/wiring      mounting position     vertical     fastening method     type of electrical connection for supply voltage line-side     temperature of the conductor for supply maximum     permissible     material of the conductor for supply maximum     perform size of the conductor for supply     AL or CU     type of connectable conductor cross-sections at AWG     cables for load-side outgoing feeder     type of connectable conductor cross-sections at AWG     cables for load-side outgoing feeder     type of connectable conductor for supply     AL or CU     type of connectable conductor cross-sections at AWG     cables for load-side outgoing feeder     type of connectable conductor cross-sections at AWG     cables for load-side outgoing feeder     type of connectable conductor for supply     AL or CU     type of connectable conductor cross-sections at AWG     cables for load-side outgoing feeder     type of connectable conductor cross-sections at AWG     cables for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connec		
Disconnect Switch         response value of switch disconnector       30A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       Indoors, usable on a general basis         Mounting/wiring       indoors, usable on a general basis         Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf·in] for supply       35 35 lbf·in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       Ts °C         material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       20 24 lbf·in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       20 24 lbf·in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       20 24 lbf·in         type of connectable conductor for load-side outgoing feeder       75 °C	<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
response value of switch disconnector       30A / 250V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (14 2 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for supply       AL or CU         type of electrical connectable conductor cross-sections at AWG cables for load-side outgoing feeder       20 24 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       2x (14 10 AWG)         tightening tory [lbf-in] for load-side outgoing feeder       2x (14 10 AWG)	· ·	300 V
design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       Indoors, usable on a general basis         design of the housing       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         wertical       Surface mounting and installation         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       75 °C         material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       20 24 lbf-in         tightening torque [lbf-in] for load-side outgoing feeder       20 24 lbf-in         tightening torque [lbf-in] for load-side outgoing feeder       20 24 lbf-in         tightening torque (lbf-in] for load-side outgoing feeder       2x (14 10 AWG)         cables for load-side outgoing feeder       75 °C	Disconnect Switch	
operating class of the fuse link       Class R         Enclosure       1         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       indoors, usable on a general basis         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       35 35 lbf·in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (14 2 AWG)         material 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       20 24 lbf·in         tightening torque [lbf·in] for load-side outgoing feeder       20 24 lbf·in         tightening torque [lbf·in] for load-side outgoing feeder       2x (14 10 AWG)         cables for load-side outgoing feeder       75 °C	response value of switch disconnector	30A / 250V
Enclosure         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring	design of fuse holder	Class R fuse clips
Enclosure         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring	operating class of the fuse link	Class R
degree of protection NEMA rating1design of the housingindoors, usable on a general basisMounting/wiringverticalmounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf·in] for supply35 35 lbf·intype of connectable conductor cross-sections at line-side1x (14 2 AWG)temperature of the conductor for supply maximum75 °CpermissibleScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 24 lbf·intype of connectable conductor cross-sections at AWGScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 24 lbf·intype of connectable conductor cross-sections at AWGScr (14 10 AWG)tightening torque of the conductor for load-side outgoing feeder2x (14 10 AWG)		
design of the housingindoors, usable on a general basisMounting/wiringverticalmounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply35 35 lbf-intype of connectable conductor cross-sections at line-side1x (14 2 AWG)at AWG cables single or multi-stranded75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder20 24 lbf-intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder2x (14 10 AWG)		1
Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (14 2 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       20 24 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       20 24 lbf-in         type of connectable conductor for load-side outgoing feeder       2x (14 10 AWG)         temperature of the conductor for load-side outgoing feeder       75 °C		
mounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf·in] for supply35 35 lbf·intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connectable conductor cross-sections at AWG cables single or multi-strandedScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 24 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °C	5 5	
fastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf·in] for supply35 35 lbf·intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder20 24 lbf·intightening torque [lbf·in] for load-side outgoing feeder20 24 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded2x (14 10 AWG)		vertical
type of electrical connection for supply voltage line-sideBox lugtightening torque [lbf·in] for supply35 35 lbf·intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 24 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °C		
tightening torque [lbf·in] for supply35 35 lbf·intype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 24 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °C		
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at AWG cables single or multi-stranded75 °Ctemperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 24 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °C		
permissible     AL or CU       material of the conductor for supply     AL or CU       type of electrical connection for load-side outgoing feeder     Screw-type terminals       tightening torque [lbf·in] for load-side outgoing feeder     20 24 lbf·in       type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded     2x (14 10 AWG)       temperature of the conductor for load-side outgoing feeder     75 °C	at AWG cables single or multi-stranded	
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 24 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded2x (14 10 AWG)temperature of the conductor for load-side outgoing feeder75 °C	permissible	
tightening torque [lbf·in] for load-side outgoing feeder       20 24 lbf·in         type of connectable conductor cross-sections at AWG       2x (14 10 AWG)         cables for load-side outgoing feeder single or multi- stranded       2 24 lbf·in         temperature of the conductor for load-side outgoing feeder       75 °C		
type of connectable conductor cross-sections at AWG       2x (14 10 AWG)         cables for load-side outgoing feeder single or multi- stranded       2x (14 10 AWG)         temperature of the conductor for load-side outgoing feeder       75 °C		Screw-type terminals
cables for load-side outgoing feeder single or multi- stranded       75 °C		
	cables for load-side outgoing feeder single or multi-	2x (14 10 AWG)
		75 °C

material of the conductor for load-side outgoing feeder	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=US2:17CUA92BG10				
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) <u>http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17CUA92BG10⟨=en</u> Certificates/approvals				
https://support.industry.siemens.com/cs/US/en/ps/US2:17CUA92BG10/certificate				

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