## SIEMENS

## Data sheet

## US2:17CUB92WH11



Non-reversing motor starter, Size 0, Three phase full voltage, Solid-state overload relay, OLR amp range 0.75-3.4A, Combination type, 30A fusible disconnect, 30A/600V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, 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
<ul> <li>during operation</li> </ul>	-4 +104 °F
ambient temperature	
<ul> <li>during storage</li> </ul>	-30 +65 °C
<ul> <li>during operation</li> </ul>	-20 +40 °C
country of origin	USA
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
<ul> <li>at 200/208 V rated value</li> </ul>	0 hp
<ul> <li>at 220/230 V rated value</li> </ul>	0 hp
• at 460/480 V rated value	1.5 hp
<ul> <li>at 575/600 V rated value</li> </ul>	2 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	

• at AC at 60 Hz rated value         380480 V           holding power at AC minimum         8.6 W           apparent holding power of magnet coil at AC         216 VA           apparent holding power of magnet coil at AC         25 VA           operating range factor control supply voltage rated value         0.851.1           dimensional control supply voltage rated value         0.851.1           percental drop-out voltage of magnet coil related to the input voltage         50 %           Overload rolay         90		200 440 1/
Indiang power at AC minimum     8.6 W       apparent holding power of magnet coil at AC     219 VA       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       percental drop-out voltage of magnet coil related to the input voltage     0.95 1.1       OVerload relay     19 29 ms       OVerload rolay     10 24 ms       Overload rolay     Yes       product function     Yes       • asymmetry detection     Yes       • again and production     Yes       • asymmetry detection     Yes       • asymmetry detection     Yes       • asymmetry detection     Yes       • asymmetry detection     Yes       • actinal reset     Yes       rippling time at phase-loss maximum     3 s       trippling time at phase-loss maximum     3 s       relative repeat accuracy     1%       product facture protective coating on printed-circuit board     1       rippling time at abase-loss maximum     3 s       relative repeat accuracy     1%       product facture protective coating of overload relay     1       aucuration of auxiliary contacts of overload     1       rippling time of NC contacts of auxiliary contacts of overload     1       relat C at 280 V <td></td> <td></td>		
apparent pick-up power of magnet coil at AC         218 VA           apparent holding power of magnet coil at AC         25 VA           operating range factor control supply voltage rated value of magnet coil         60 %           ON-detay time         19 29 ms           OFF-delay time         10 24 ms           Overload roley         product function           • overload protection         Yes           • asymmetry detection         Yes           • asymmetry detection         Yes           • asymmetry detection         Yes           • external reset         Yes           • external reset         Yes           • external reset         Yes           reset function         Manual, automatic and remote           trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- doptodatt overload rolease         0.75 34 A           operating range accursacy         1 %           product feature protective coating on printed-circuit board         Yes           • al DC at 260 V         1 1           • al DC at 260 V         5 A           • at DC at 260 V         5 A           • at DC at 260 V         5 A           • at DC at 260 V         5 A		
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         0.9 24 ms           ON-delay time         19 29 ms           Offer-delay time         0 24 ms           Overload relay         19 29 ms           Overload relay         19 29 ms           Overload relay         19 29 ms           Overload rolad telay         19 29 ms           Overload rolad velay time         19 29 ms           operating reset         Yes           external reset         Yes           reset function         Yes           ripping time at phase-loss maximum         3 s           relative repeat accuracy         1 %           product feature protecitive coating on printed-circuit board         1		
operating range factor control supply voltage rated value of magnet coll         0.85 1.1           percental drop-out voltage of magnet coll related to the input voltage.         50 %           ON- delay time         19 29 ms           OFF-delay time         10 24 ms           Vertical rotation         Yes           • overload protection         Yes           • overload protection         Yes           • external reset         Yes           • external reset         Yes           • external reset         Yes           • external reset         Yes           reset function         Manual, automatic and remote           trip class         CLASS 57 10 / 20 (factory set) / 30           adjustable current response value current of the current-         0.75 3.4 A           relave repeat accuracy         1 %           product feature pretective coating on printed-circuit board         1           relav         repast accuracy         1 %           percent of NO contacts of auxiliary contacts of overload         1           relav         relavit repast accuracy         1 A           ext DC at 250 V         1 A           ext DC at 250 V         1 A           issultation voltage (UI)         Ext Board (Boar)		
of magnet col percental drop-out voltage of magnet col related to the input voltage ON-delay time 19 29 ms OFF-delay time 10 24 ms <b>Cvertoad relay</b> product function Yes • overload protection Yes • overload related telection Yes • overload related telection Yes • overload fault detection Yes • overload fault detection Yes • overload related telection Yes • overload related Yes reset function Manual, automatic and remote thip class dipatable current response value current of the current. dependent overload release reset function S a S relative repeat accuracy 1% product feature protective coaling on printed-circuit board number of NC contacts of auxiliary contacts of overload relay • out RC at 250 V 15 A contact rating of auxiliary contacts of overload relay • out RC at 250 V 15 A contact rating of auxiliary contacts of overload relay • out RC at 250 V 15 A contact rating of auxiliary contacts of overload relay • with multi-phase operation at AC rated value • with multi-phase operat		
input voltage     9 28 ms       OVF-feday time     10 24 ms <b>Overload relay</b> 9 28 ms       product function     Yes       • overload protection     Yes       • asymmetry detection     Yes       • asymmetry detection     Yes       • estimation of fault detection     Yes       • estimation     Yes       • estimation     Yes       • ester function     Yes       • external reset     Yes       trip class     CLASS 57 10 / 20 (factory set) / 30       adjustable current response value current of the current- degendent overload release     0.75 3.4 A       product fauture protective coaling on printed-circuit board     1       number of NC contacts of auxiliary contacts of overload relay     1%       perduct fauture protective coaling on printed-circuit board     1       number of NC contacts of auxiliary contacts of overload relay     1       • ett AC at 600 V     5 A       • ett Ac at 600 V <td< td=""><td>of magnet coil</td><td></td></td<>	of magnet coil	
OFF-delay time       10 24 ms         Overload relay <ul> <li>product function</li> <li>example y detection</li> <li>yes</li> <li>est function</li> <li>Manual, automatic and remote</li> <li>fip class</li> <li>CLASS 5 / 10 / 20 (factory set) / 30</li> <li>adjustable current response value current of the current-</li> <li>dependent overload release</li> <li>tripping time a phase-loss maximum</li> <li>3 s</li> <li>relative repeat accuracy</li> <li>resolut en phase-loss maximum</li> <li>as</li> <li>relative reprotective coating on printed-circuit board</li> <li>number of NC contacts of auxiliary contacts of overload</li> <li>number of NC contacts of auxiliary contacts of overload relay</li> <li>ext AC at 800 V</li> <li>at Ca 1250 V</li> <li>fA</li> <li>bit DC at 250 V</li> <li>fA</li> <li>contact rating of auxiliary contacts of overload relay</li> <li>according to UL</li> <li>insulation voltage (Ui)</li> <li>ewith multi-phase operation at AC rated value</li> <li>300 V</li> <li>Disconnect Switch</li> <li>response value of switch disconnector</li> <li>son 40 stainless steel</li> <li>design of fuse holder</li> <li>class R fuse claps</li> <li>degree of protection NEMA rating</li> <li>dAX. 304 stai</li></ul>		50 %
Overload relay           product function           • overload protection           • symmetry detection           • esymmetry detection           • esymmetry detection           • esymmetry detection           • estenal reset           • reset function           Intripolational current of auxiliary contacts of overload           • elay           • elay           • elay Cat 250 V           • at DC at 250 V           • at DC at 250 V           • elay           • with multi-phase operation at AC rated value	ON-delay time	19 29 ms
product function         Yes           • overload protection         Yes           • phase failure detection         Yes           • asymmetry detection         Yes           • ester function         Yes           • ester function         Yes           reset function         Manual, automatic and remote           trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- degendent overlead release         0.75 3.4 A           tripping time at phase-loss maximum         3 s           relative repretat accuracy         1 %           product facture protective coating on printed-circuit board         1           number of NC contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         5 A           • at CC at 250 V         1 A           contact ating of auxiliary contacts of overload relay         5AQ600VAC (B600), 1AQ250VDC (R300)           according to UL         insultation voltage (UI)         600 V           • with single-phase operation at AC rated value         600 V         300 V           Disconnect Switch         Gass R         Gass R           response value of switch disconnector         30A / 600V         Gass R	OFF-delay time	10 24 ms
overload protection         Yes         phase failure detection         Yes         express         expre	Overload relay	
• phase failure detection       Yes         • saymmetry detection       Yes         • ground fault detection       Yes         • est function       Yes         • esternal 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 vertical release       0.75 3.4 A         tripping time at phase-loss maximum       3 s         relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5.4         • at DC at 250 V       1.4         contact rating of auxiliary contacts of overload relay       5.4         • at DC at 250 V       1.4         insulation votage (Ui)       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       Class R tuse clips         operation (alse of the vue link       Class R tuse clips         operating class of the fuse link       Class R	product function	
• asymmetry detection     Yes       • ground fault detection     Yes       • est function     Yes       • external reset     Yes       • external reset overload release     0.75 3.4 A       • operational current of auxiliary contacts of overload     1       • 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     1       • operational current of auxiliary contacts of overload relay     5.4       • at DC at 250 V     1 A       • outcat rating of auxiliary contacts of overload relay     5.4       • at DC at 250 V     1 A       • insulation voltage (U)     600 V       • with multi-phase operation at AC rated value     300 V       • Obsconnect Switch     200 V       response value of switch disconnector <td< td=""><td><ul> <li>overload protection</li> </ul></td><td>Yes</td></td<>	<ul> <li>overload protection</li> </ul>	Yes
	<ul> <li>phase failure detection</li> </ul>	Yes
• external reset       Yes         • external reset       Yes         reset function       Manual, automatic and remote         thip class       CLASS 5 / 10 / 20 (factory set) / 30         adjustable current response value current of the current- dependent overhoad release       0.75 3.4 A         tripping time at phase-loss maximum       3 s         relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         • 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         operating class of the fuse link       Class R         operating class of the fuse link       Class R         tedgree of protection NEMA rating       4X, 304 stainless steel         design of the buse link       Class R         fibreing method       Surface mounting and installation	<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         0.75 3.4 A           tripping time at phase-loss maximum         3 s           relative repeat accuracy         1 %           product feature protective coating on printed-circuit board         Yes           number of NC contacts of auxiliary contacts of overload         1           relay         at Ca t 800 V         5 A           • at DC at 250 V         1 A           contact rating of auxiliary contacts of overload relay         5 A           • at DC at 250 V         1 A           contact soft auxiliary contacts of overload relay         5 A           • 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           degree of protection NEMA rating         4X, 304 stainless steel           design of fuse holder         Class R           operating class of the fuse link         Class R           Enclosure         Geree of protection NEMA rating           design of the housing	<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         0.75 3.4 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         1           operational current of auxiliary contacts of overload relay according to UL         5 A           e 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         5           e with multi-phase operation at AC rated value         300 V <b>Disconnect Switch</b> Class R fuse clips           response value of switch disconnector         30A / 600V           degree of protection NEMA rating         4X, 304 stainless steel           degree of protection NEMA rating         4X, 304 stainless steel           design of the housing         Gustace mounting and installation	test function	Yes
trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overload release         0.75 3.4 A           tripping time at phase-loss maximum         3 s           relative repeat accuracy         1 %           product feature protective coating on printed-circuit board         1           number of NC contacts of auxiliary contacts of overload relay         1           number of NO contacts of auxiliary contacts of overload relay         1           • at DC at 500 V         1 A           contact rating 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)           • with single-phase operation at AC rated value         300 V           Disconnect Switch         Class R fuse clips           response value of switch disconnector         30A / 600V           design of thuse holder         Class R fuse clips           operating class of the fuse link         Class R           Enclosure         dustproof, waterproof & resistant to corrosion           Mounting/wring         4X, 304 stainless steel           design of the housing         Mustproof, waterproof & resistant to corrosion           Mounting/wring <t< td=""><td>external reset</td><td>Yes</td></t<>	external reset	Yes
adjustable current response value current of the current- dependent overload release       0.75 3.4 A         tripping time at phase-loss maximum       3 s         relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       1 %         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         • at AC at 600 V       5 A         • at DC at 250 V       1 A         contact raing of auxiliary contacts of overload relay       5A         insulation voltage (Ui)       • with single-phase operation at AC rated value         • with single-phase operation at AC rated value       600 V         300 V       0V         Disconnect Switch       Class R         response value of switch disconnector       30A / 600V         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       mounting/wiring         mounting/wiring       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       1x (14 2 AWG)         if steening method       trace would file housing       75 °C	reset function	Manual, automatic and remote
dependent overload release     3 s       tripping time at phase-loss maximum     3 s       relative repaet 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     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     300 V       Disconnect Switch     30A / 600V       response value of switch disconnector     30A / 600V       design of fuse holder     Class R fuse clips       operating class of the fuse link     Class R       Class R     Class R       degree of protection NEMA rating     4X, 304 stainless steel       design of the housing     Surface mounting and installation       fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side     at (14 2 AWG)       tightening torque [lbf-in] for supply	trip class	CLASS 5 / 10 / 20 (factory set) / 30
In the original system       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         e at DC at 250 V       5 A         e 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 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         degree of protection NEMA rating       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connector for supply voltage line-side       Box lug         tightening torque [lbf in] for supply       35 35 lbf in         type of connectable conductor for supply maximu		0.75 3.4 A
product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         number of NO contacts of auxiliary contacts of overload       1         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       5A@600VAC (B600), 1A@250VDC (R300)         according to UL       600 V         insulation voltage (Ui)       • with single-phase operation at AC rated value         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       Class R fuse clips         response value of switch disconnector       30A / 600V         design of fuse holder       Class R         operating class of the fuse link       Class R         Enclosure       design of the housing         design of the housing       4X, 304 stainless steel         design of the housing       Surface mounting and installation         Mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box	tripping time at phase-loss maximum	3 s
number of NC contacts of auxiliary contacts of overload relay         1           number of NO contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           • at AC at 600 V         5 A           • at DC at 250 V         1 A           contact rating of auxiliary contacts of overload relay according to UL         5A@600VAC (B600), 1A@250VDC (R300)           insulation voltage (Ui)         • with single-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         600 V         30A / 600V           Disconnect Switch         Class R fuse clips         operating class of the fuse link           Class R         Class R         Class R         class R           degree of protection NEMA rating         4X, 304 stainless steel         design of the housing         dustproof, waterproof & resistant to corrosion           Mounting/wiring         vertical         Surface mounting and installation           Type of electrical connection for supply voltage line-side         Box lug         1x (14 2 AWG)           tightening torque [lbFin] for supply         35 35 lbFin         1x (14 2 AWG)	relative repeat accuracy	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 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         30A / 600V           Disconnect Switch         Class R fuse clips         operating class of the fuse link           Class R         Class R         Class R         class R           degree of protection NEMA rating         4X, 304 stainless steel         design of the housing         dustproof, waterproof & resistant to corrosion           Mounting/wiring         vertical         Surface mounting and installation           Type of electrical connection for supply voltage line-side         Box lug         1x (14 2 AWG)           tightening torque [lbFin] for supply         35 35 lbFin         1x (14 2 AWG)	product feature protective coating on printed-circuit board	Yes
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 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       300 V         Disconnect Switch       7         response value of switch disconnector       30A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       vertical         mounting position       surface mounting and installation         tightening torque [lbf in] for supply voltage line-side       Box lug         tightening torque [lbf in] for supply       35 35 lbf-in         type of connectable conductor for supply maximum       75 °C	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       600 V       0V         • with multi-phase operation at AC rated value       600 V       0V         • with multi-phase operation at AC rated value       300 V       0V         Disconnect Switch       Class R fuse clips       0         operating class of the fuse link       Class R       Class R         Enclosure       4X, 304 stainless steel       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       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		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)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       300 V         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       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	operational current of auxiliary contacts of overload relay	
contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       30A / 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       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position         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		5 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       300 V         Disconnect Switch       30A / 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       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position         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	• at DC at 250 V	1 A
insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       30A / 600V         response value of switch disconnector       30A / 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       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position         wertical       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       1x (14 2 AWG)	contact rating of auxiliary contacts of overload relay	5A@600VAC (B600), 1A@250VDC (R300)
<ul> <li>with single-phase operation at AC rated value</li> <li>with multi-phase operation at AC rated value</li> <li>300 V</li> </ul> Disconnect Switch           response value of switch disconnector         30A / 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         4X, 304 stainless steel           design of the housing         ustproof, waterproof & resistant to corrosion           Mounting/wiring         vertical           mounting position         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           ightening 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         1x (14 2 AWG)		
• with multi-phase operation at AC rated value       300 V         Disconnect Switch       30A / 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         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		600 V
Disconnect Switch         response value of switch disconnector       30A / 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       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position         vertical       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)         temperature of the conductor for supply maximum permissible       75 °C		
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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		
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at AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible		
permissible		1x (14 2 AWG)
	1 11 3	75 °C
material of the conductor for supply AL or CU	material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder Screw-type terminals	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	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)	cables for load-side outgoing feeder single or multi-	
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible		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=US2:17CUB92WH11 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17CUB92WH11 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17CUB92WH11⟨=en					
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