## SIEMENS

## Data sheet

## US2:17CUB92BF11



Non-reversing motor starter, Size 0, Three phase full voltage, Solid-state overload relay, OLR amp range 0.75-3.4A, 110V 50Hz / 120V 60Hz coil, Combination type, 30A fusible disconnect, 30A/600V fuse clip, Enclosure NEMA type 1, Indoor general purpose use, Standard width enclosure

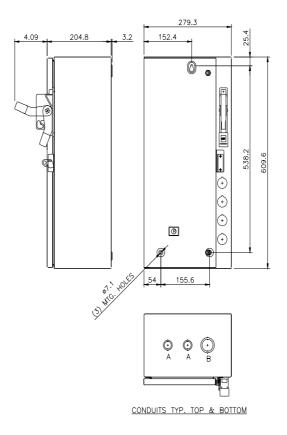
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product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay
General technical data	
weight [lb]	34 lb
Height x Width x Depth [in]	24 × 11 × 8 in
touch protection 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	
<ul> <li>at 200/208 V rated value</li> </ul>	0 hp
• at 220/230 V rated value	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     120 V       holding power at AC minimum     8.6 W       apparent Incling power of magnet coil at AC     218 VA       apparent Incling power of magnet coil at AC     25 VA       operating range factor control supply voltage rated value     60 %       of magnet coil     60 %       input voltage     60 %       ON-delay time     19 29 ms       OVerload roley     78 s       overload protection     Yes       • overload protection     Yes       • asymmetry detection     Yes       • external resel     Yes       reset function     Yes       • external resel     Yes       reset function     Yes       • external resel     Yes       reset function     Yes       reset function     Manual, automatic and remote       tripol data detection     Yes       • external resel     Yes       reset function     Manual, automatic and remote       tripol data detection     Yes       • external resel     Yes       reset function     Manual, automatic and remote       tripol data detection     Yes       reset function     3 s       reset function     3 s       reset function     1 //// 20 (factory set) / 30		440.14	
holding power at AC minimum         9.6 W           apparent holding power of magnet coil at AC         218 VA           apparent holding power of magnet coil related value         0.85 1.1           of magnet coil         0.85 1.1           percental drop-out voltage of magnet coil related to the input voltage         0.9 %           OPF-delay time         10 24 ms           Overload rolay         7es           product function         Yes           e adjust of the control supply voltage related value         7es           e adjust of the control supply voltage related value         7es           off-delay time         10 24 ms           Overload rolay         Yes           product function         Yes           e adjustable current response value current of the current- dependent overload release         0.75 3.4 A           relative repeat accuracy         1 %           product feature protective coating on printed-circuit board         Yes           relative repeat accuracy         1 %           product feature protective coating on printed-circuit board         1           relative repeat accuracy         1 %           product feature protective coating on printed-circuit board         1           relative repeat of auxiliary contacts of overload relay         4 AC <td>• at AC at 50 Hz rated value</td> <td>110 V</td>	• at AC at 50 Hz rated value	110 V	
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 reted value         0.85 1.1           of magnet coil         50 %           portent if rop-out voltage of magnet coil related to the input voltage         50 %           ON-delay time         19 29 ms           OFF-delay time         10 24 ms <b>Overload of protection</b> Yes           • evended protection         Yes           • ground fault detection         Yes           • evenderal reset         Yes           • evenderal reset         Yes           • evenderal reset         Yes           reset function         Manual, automatic and renote           Mip class         CLASS 5 / 10 / 20 (factory set) / 30           odjustable current response value ourrent of the current- dependent overload release         1%           product fautting protective coating on printed-circuit board relay         1%           product fautting protective coating on printed-circuit board relay         1           operational current of auxiliary contacts of overload relay         1           vactoring to 10         5 A           • at DC at 250 V         1 A           operational c			
apparent hoticing power of magnet coil a AC         25 VA           overating angle factor control supply voltage rated value         0.85 1.1           of member coil         50 %           percental drop-out voltage of magnet coil related to the input voltage.         50 %           OPF-delay time         19 29 ms           OPF-delay time         10 24 ms           Overload rolay         Yes           product function         Yes           • overload protection         Yes           • asymmety detection         Yes           • asymmety detection         Yes           • esternal reset         Yes           • esternal reset         Yes           • esternal reset         Yes           reset function         Yes           relative repretive costing on printe			
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 relay         ************************************			
of magnet col percent drop-out voltage of magnet coll related to the input voltage ON-delay time  0			
input voltage       9 29 ms         OPF-delay time       10 24 ms         Ovaridad rolay       Product function         • overload protection       Yes         • phase failure detection       Yes         • option fault detection       Yes         • external reset       Yes         • external reset       Yes         reset function       Yes         • external reset       Yes         reset function       Yes         • external reset       Yes         reset function       Yes         reproduct fauture preset secarcarcy       1%         product fauture protective coating on printed-circuit boad       1         relative represet securacy       1%         operational current of auxiliary contacts of overload relay       5 A         at C at 800 V       1A         contact rating of auxiliary contacts of overload relay       5A@600VAC (6800), 1A@250VDC (R300)         according to UL       inuitiphase oparation at AC rated		0.85 1.1	
OFF-delay time     10 24 ms       Overload relay     product function       • verload protection     Yes       • ophase falure detection     Yes       • ground fault detection     Yes       • estymmetry detection     Yes       • estymmetry detection     Yes       • estymmetry detection     Yes       • estimal reset     Yes       • external reset     Yes       independent overload relase     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response value current of the current- dependent overload relases     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response value current of the current- dependent overload relases     0.75 3.4 A       relative repeat accuracy     1 %       product fauture pretective 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       operational current of auxiliary contacts of overload relay     5 A       according to UL     5 A@@600VAC (B600), 1A@250VDC (R300)       insulation voltage (UI)     600 V       aut Cat 250 V     1 A       contact rating of auxiliary contacts of overload relay     5A@@600VAC (B600), 1A@250VDC (R300)       according to UL     insulation woltage (UI)     600 V       w		50 %	
Overload relay           product function           • overload protection           • symmetry detection           • symmetry detection           • ergound fault detection           • external reset           reset function           trip class           adjustable current response value current of the current- dependent overload release           tripping time at phase-loss maximum           3 s           relative repeat accuracy           number of NC contacts of auxiliary contacts of overload           number of NC contacts of auxiliary contacts of overload           relay           octat 250 V           • at C at 250 V           • with multi-phase operation at AC rated value           operating class of the fuse link           Class R           Enclosure           degree of proteclon	ON-delay time	19 29 ms	
product function         Yes           • oytake failure detection         Yes           • asymmetry detection         Yes           • asymmetry detection         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 overland release         0.75 3.4 A           reset function         3 s           relative repeat accuracy         1%           product fauture 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 DC at 250 V         5 A           • at DC at 250 V         5 A           • at DC at 250 V         5 A           • 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           • with multi-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         600 V           • with multi-phase operation	OFF-delay time	10 24 ms	
	Overload relay		
Phase failure detection     Yes     saymmetry detection     Yes     exammetry detection     Yes     external reset     Yes     cound fault detection     Yes     external reset     Yes     external reset     Yes     cound fault detection     Yes     fitipping time at phase-loss maximum     fielative repeat accuracy     1%     product feature protective coating on printed-circuit board     relative repeat accuracy     1%     product feature protective coating on printed-circuit board     relative repeat accuracy     1%     product feature protective coating on printed-circuit board     relative repeat accuracy     1%     product feature protective coating on printed-circuit board     1     relative repeat accuracy     1%     for the contacts of auxiliary contacts of overload     relay     operational current of auxiliary contacts of overload     1     contact rating of auxiliary contacts of overload relay     according to UL     insulation votage (UI)     extra data data detection     with single-phase operation at AC rated value     300 V     Diaconnect Switch     response value of switch disconnector     designe of protection NEMA rating     designe of protection NEMA rating     designe of protection NEMA rating     designe of the fuse link     Class R     for connectable conductor for supply voltage line-side     at WG cables angle or multi-stranded     the proting for the conductor for supply     single faction     for connec	product function		
easymmetry detection     ergeund fault detection     ergeund fault detection     ergeund fault detection     ergeund fault detection     esternal reset     esternal reset     Yes     external reset     Ves     external reset     Ves     external reserver     external	<ul> <li>overload protection</li> </ul>	Yes	
	<ul> <li>phase failure detection</li> </ul>	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         0.75 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           operation during of auxiliary contacts of overload relay according to UL         5 A           insulation voltage (U)         600 V           • et DC at 250 V         1 A           Disconnect Switch         30 A / 600V           expression at AC rated value         600 V           operating class of the fuse link         Class R           Enclosure         Class R           degree of protection NEMA rating         1           degree of protection	<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       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       1         operational current of auxiliary contacts of overload relay       5A         at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         according to UL       600 V         insulation voltage (UI)       600 V         with multi-phase operation at AC rated value       600 V         obsconnect 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       4         degree of protection NEMA rating       1         design of the housing	test function	Yes	
Itip 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         operational current of auxiliary contacts of overload relay according to UL       1         operational current of auxiliary contacts of overload relay according to UL       5 A         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       200 V         response value of switch disconnector       30A / 600V         design of fuse holder       Class R fuse clips         operational connection NEMA rating       1         design of fuse holder       Surface mounting and installation         writig thering torque libring for supply voltage line-side       Box	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       1         relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5 A@600VAC (B600), 1 A@250VDC (R300)         according to UL       5 A@600VAC (B600), 1 A@250VDC (R300)         insulation voltage (Ui)       600 V         • with multi-phase operation at AC rated value       600 V         operating class of the fuse ink       Class R fuse clips         operating class of the fuse link       Class R fuse clips         operating class of the fuse link       Class R fuse clips         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis	reset function	Manual, automatic and remote	
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       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5.4         otat 250 V       1.4         contact rating of auxiliary contacts of overload relay       5.4@600VAC (B600), 1.4@250VDC (R300)         according to UL       5.4@600VAC (B600), 1.4@250VDC (R300)         insulation voltage (Ui)       600 V         with multi-phase operation at AC rated value       600 V         gene of protection NEMA rating       1         design of the house link       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       indoors, usable on a general basis         Mounting/wring	trip class	CLASS 5 / 10 / 20 (factory set) / 30	
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 DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         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       Class R fuse clips         response value of switch disconnector       30A / 600V         degree of protection NEMA rating       1         design of thuse 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          mounting position       Surface mounting and installation </td <td></td> <td></td>			
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 DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         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       Class R fuse clips         response value of switch disconnector       30A / 600V         degree of protection NEMA rating       1         design of thuse 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          mounting position       Surface mounting and installation </td <td>tripping time at phase-loss maximum</td> <td>3 s</td>	tripping time at phase-loss maximum	3 s	
number of NC contacts of auxiliary contacts of overload       1         number of NC contacts of auxiliary contacts of overload       1         relay       • 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       5A@600VAC (B600), 1A@250VDC (R300)         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 multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       1         degree of protection NEMA rating       1       1         mounting/wiring       vertical       Surface mounting and installation         Mounting/wiring       1       1       1         mounting position       vertical       Surface mounting and installation         type of electrical connector for supply voltage line-side       Box lug       1         type of connectable conductor for supply	relative repeat accuracy	1 %	
number of NC contacts of auxiliary contacts of overload       1         number of NC contacts of auxiliary contacts of overload       1         relay       • 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       5A@600VAC (B600), 1A@250VDC (R300)         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 multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       1         degree of protection NEMA rating       1       1         mounting/wiring       vertical       Surface mounting and installation         Mounting/wiring       1       1       1         mounting position       vertical       Surface mounting and installation         type of electrical connector for supply voltage line-side       Box lug       1         type of connectable conductor for supply	product feature protective coating on printed-circuit board	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         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       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/wring          mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         at XWG 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       Screw-type terminals <td>number of NC contacts of auxiliary contacts of overload</td> <td>1</td>	number of NC contacts of auxiliary contacts of overload	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         • 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         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       30A / 600V         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       Surface mounting and installation         tightening torque [librin] for supply voltage line-side       Box lug       1x (14 2 AWG)         tightening torque [librin] for supply maximum       75 °C       material of the conductor for supply maximum         perisible       material of the conductor for supp	number of NO 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 (U)       • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       600 V       00 V         • with multi-phase operation at AC rated value       300 V       00 V         Disconnect Switch       Class R fuse clips       00 V         response value of switch disconnector       30A / 600V       00 San A (200 V)         design of fuse holder       Class R fuse clips       00 V         operating class of the fuse link       Class R       Class R         Enclosure       1       indoors, usable on a general basis         Mounting/wiring       vertical       Surface mounting and installation         Mounting position       vertical       Box lug         tightening torque [lbf:n] for supply       35 35 lbf:in       1x (14 2 AWG)         type of connectable conductor for supply maximum permissible       75 °C       material of the conductor for supply         material of the conductor for supply       AL or CU       Screw-type terminals       Screw-type terminals	5		
• 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       30A / 600V       Class R fuse clips         operating class of the fuse link       Class R       Class R         Enclosure       4       Class R       Class R         degree of protection NEMA rating       1       indoors, usable on a general basis         Mounting/wiring       vertical       Surface mounting and installation         fastening method       Surface mounting and installation       Surface mounting and installation         tightening torque [lbf in] for supply       35 35 lbf in       1x (14 2 AWG)         twpe of connectable conductor for supply maximum permissible       75 °C       75 °C         material of the conductor for supply       AL or CU       Screw-type terminals		5 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       30A / 600V         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/wiring       1         mounting position       vertical         fastening method       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 permissible       75 °C         material 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       Screw-type terminals			
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> 300 V         response value of switch disconnector       30A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R <b>Enclosure</b> 4         degree of protection NEMA rating       1         indoors, usable on a general basis       indoors, usable on a general basis <b>Mounting/wiring</b> 9         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 mutti-stranded       75 °C         material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       Screw-type terminals	contact rating of auxiliary contacts of overload relay	5A@600VAC (B600), 1A@250VDC (R300)	
• with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       300 / 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       600 V         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         vertical       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 cross-sections at line-side       1x (14 2 AWG)         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       Screw-type terminals			
with multi-phase operation at AC rated value     300 V      Disconnect Switch      response value of switch disconnector     design of fuse holder     Olass R fuse clips     Operating class of the fuse link     Class R      Enclosure      degree of protection NEMA rating     degree of protection NEMA rating     degree of protection NEMA rating     design of the housing     mounting/wiring      mounting position     vertical     fastening method     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     permissible     material of the conductor for supply     AL or CU     type of electrical connection for load-side outgoing feeder     Screw-type terminals		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		300 V	
response value of switch disconnector30A / 600Vdesign of fuse holderClass R fuse clipsoperating class of the fuse linkClass REnclosuredegree of protection NEMA rating1design of the housingindoors, usable on a general basisMounting/wiringmounting 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 connection for load-side outgoing feederScrew-type terminals	i		
design of fuse holderClass R fuse clipsoperating class of the fuse linkClass REnclosuredegree of protection NEMA rating1design of the housingindoors, usable on a general basisMounting/wiringmounting 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 feederScrew-type terminals		30A / 600V	
operating class of the fuse linkClass REnclosuredegree of protection NEMA rating1design of the housingindoors, usable on a general basisMounting/wiringmounting positionmounting 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 connection for load-side outgoing feederScrew-type terminals			
Enclosuredegree of protection NEMA rating1design of the housingindoors, usable on a general basisMounting/wiringindoors, usable on a general basismounting 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 feederScrew-type terminals			
degree of protection NEMA rating1design of the housingindoors, usable on a general basisMounting/wiringmounting 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 connection for load-side outgoing feederScrew-type terminals			
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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       Screw-type terminals		, , , , , , , , , , , , , , , , , , ,	
at AWG 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         Screw-type terminals			
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		1x (14 2 AWG)	
type of electrical connection for load-side outgoing feeder Screw-type terminals	permissible	75 °C	
	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	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- stranded		
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible		75 °C	

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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, Broch	ures,)
www.usa.siemens.com/iccatalog	
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product	t2mlfh=LIS2:17CLIB02BE11
Service&Support (Manuals, Certificates, Characteristics,	
https://support.industry.siemens.com/cs/US/en/ps/US2:17CL	
Image database (product images, 2D dimension drawing	is, 3D models, device circuit diagrams, EPLAN macros,)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlf	ib=US2:17CUB92BF11⟨=en

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:17CUB92BF11&lang=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17CUB92BF11/certificate



LETTER	CONDUIT SIZE
A	ø12.7 & ø19 CONDUIT
B	ø25.4 & ø31.8 CONDUIT

last modified:

1/25/2022 🖸