## SIEMENS

## Data sheet

## US2:17EUE92BF13



Non-reversing motor starter, Size 1 3/4, Three phase full voltage, Solidstate overload relay, OLR amp range 10-40A, 110V 50Hz / 120V 60Hz coil, Combination type, 60A fusible disconnect, 60A/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; Half-size controller		
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			
during storage	-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 hp		
• at 220/230 V rated value	0 hp		
<ul> <li>at 460/480 V rated value</li> </ul>	15 hp		
• at 575/600 V rated value	15 hp		
Contactor			
size of contactor	Controller half size 1 3/4		
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	40 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 holding power of magnet coil at AC     25 VA       operating range factor control supply voltage rated value     0.85 1.1       operating range factor control supply voltage rated value     0.85 1.1       operating range factor control supply voltage rated value     0.9 24 ms       OR-delay time     19 29 ms       Other delay time     19 29 ms       Other delay time     10 24 ms       Overload ratiay     Yes       product function     Yes       • overload protection     Yes       • overload rotaut detection     Yes       • overload rotaut detection     Yes       • overload rotaut detection     Yes       reset function     Manual, automatic and remote       titp class     CLASS 5 / 10 / 20 (factory set) / 30       adjustable current response value current of the current-     10 40 A       number of NC contacts of auxiliary contacts of overload relay     3 s       relative repeat accuracy <td< th=""><th></th><th>440.14</th></td<>		440.14			
holding power at AC minimum     8.6 W       apparent holk-up power of magnet coil at AC     218 VA       apparent holk-up power of magnet coil at AC     25 VA       operating range factor control supply voltage rated value     0.85 1.1       of magnet coil     0.85 1.1       promote holding power of magnet coil related to the input voltage     0.85 1.1       OP-relating range factor control supply voltage rated value     0.85 1.1       OV-relating range     10 24 ms       Overload rate     70 were stating rates       Product function     Yes       • phase failure detection     Yes       • symmetry detection     Yes       • esternal reset     Yes       • esternal reset     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 overload relaxes     10 40 A       relative repeat accuracy     1 %       product fault detection acting on printed-circuit board     1       relative repeat accuracy     1 %       product fault ground acting of auxiliary contacts of overload relay     3       relative repeat accuracy     1 %       product fault ground at AC rated value     600 V       • at	• 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 rated value         0.551.1           of magnet coil         50 %           incurrent voltage         50 %           ON-delay time         1929 ms           OVerfoad rolay         788 VA           product function         Yes           • exprimetry detection         Yes           • exprimetry detection         Yes           • exprimetry detection         Yes           • exprimetry detection         Yes           • external reset         Yes           reset function         Yes           • external reset         Yes           reset function         Yes           • external reset         Yes           reset function         Manual, automatic and remote           trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current-dependent overload relase         1040 A           reset function         Yes           reset function         Yes           umber of NC contacts of auxiliary contacts of overload         11           opprature represerve value curren					
apparent holding power of magnet coil at AC         25 VA           operating range factor control supply voltage rated value dimagnet coil         0.85 1.1           percental drop-out voltage of magnet coil related to the input voltage.         50 %           ON-delay time         19 29 ms           OFF-delay time         10 24 ms           Overload protection         Yes           • symmetry detection         Yes           • extend protection         Yes           • extend protection         Yes           • extend protection         Yes           • extend fault detection         Yes           • extend reset         Yes           reset function         Yes           tripping time at phase-loss maximum         3 s           relative repeat accuracy         1 %s           perdent overload relase         1 %s           perdent of auxiliary contacts of overload         1           relative repeat accuracy         1 %s           product faulting of auxiliary contacts of overload relay         1 A           operational current of auxiliary contacts of overload relay         5 A           act act at all of auxiliary contacts of overload relay         5 A           inplie-phase operation at AC rated value         500 V           o					
operating range factor control supply voltage rated value of magnet coll         0.85 1.1           percential drop-out voltage of magnet coll related to the input voltage         50 %           ON-delay time         19 29 ms           Overload relay         9           product function         Yes           • overload protection         Yes           • overload fault detection         Yes           • asymmetry detection         Yes           • asymmetry detection         Yes           • est function         Yes           tip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overtoad release         10 40 A           tripping time at phase-loss maximum         3 s           relative repeat accuracy         1%           product feature protective coating on printed-circuit board relay         1%           product feature protective coating on printed-circuit board relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay					
of magnet coil       50 %         input voltage       19 29 ms         ON-delay time       10 24 ms         Overload relay       Yes         product function       Yes         • overload protection       Yes         • overload related telay       Yes         • overload relates telay       Yes         • overload relates telay       Yes         • overload relates telay       Yes         • overload relay       10 40 A         dijustable current response value current of the current-       10 40 A         dipustable current response value current of the current-       10 40 A         relative repeat accuracy       1%         product telay contacts of overload       1         number of NC contacts of auxiliary contacts of overload       1         relay       0       1 A					
input voltage       0         ON-delay time       19 29 ms         OVerfload rolay       10 24 ms         Overfload rolay       9         product function       Yes         • overload protection       Yes         • orgound fault detection       Yes         • external reset       Yes         reset function       Yes         • external reset       Yes         reset function       Yes         reset function       Yes         reset function       Yes         reset function       Manual, automatic and remote         ftrip class       CLASS 5 / 10 / 20 (factory set) / 30         adjustable current response value current of the current-       10 40 A         dependent overload release       10 40 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         etal CC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         insulation voltage (U)       600 V         with multi-phase operation at AC rated value		0.85 1.1			
OFF-dely time       10 24 ms         Overload rolay       product function         • overload protection       Yes         • phase failure detection       Yes         • asymetry detection       Yes         • orgund fault detection       Yes         • ground fault detection       Yes         • est function       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-       10 40 A         dependent overload release       10 40 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       operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         outlact rating of auxiliary contacts of overload relay       5 A         act Cat 250 V       1 A         contact rating of auxiliary contacts of overload relay       500 V         insulation voltage (UL) <td></td> <td>50 %</td>		50 %			
Overload rolay           product function           • overload protection           • phase failure detection           • asymmetry detection           • asymmetry detection           • est function           • tot function           • est function           • est function           • est function           • external reset           reset function           dijustable current response value current of the current- dependent overload release           tripping time at phase-loss maximum           3 s           reletive repeat accuracy           product feature protective coating on printed-circuit board           relay           number of NC contacts of auxiliary contacts of overload relay           number of NC contacts of auxiliary contacts of overload relay           operational current of auxiliary contacts of overload relay according to U.           insulation voltage (U)           • at DC at 250 V           1a           insulation voltage (U)           • with single-phase operation at AC rated value           • with single-phase operation at AC rated value           • with single-phase operation at AC rated value           operation fuse holder           operation das of the fuse link           <	ON-delay time	19 29 ms			
product function         Yes           • overfaad protection         Yes           • phase failure detection         Yes           • asymmetry detection         Yes           • ground fault detection         Yes           • esternal reset         Yes           reset function         Yes           • external reset         Yes           reset function         Manual, automatic and remote           trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current-         10 40 A           dependent overload release         10 40 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         5 A           • at DC at 250 V         1 A           ontact rating of auxiliary contacts of overload relay         500 V           insulation voltage (U)         600 V           • with multi-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         300 V      <	OFF-delay time	10 24 ms			
• overload protection       Yes         • phase failure detection       Yes         • asymmetry detection       Yes         • argund fault detection       Yes         • est function       Yes         • est function       Yes         • est 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-       dependent overload release         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         outcat raing of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1 A         contact raing of auxiliary contacts of overload relay       500 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         response value of switch disconnector       60A / 600V         desi	Overload relay				
• phase failure detection       Yes         • asymmetry detection       Yes         • ground fault detection       Yes         • test function       Yes         • external reset       Yes         reset function       Manual, automatic and remote         trip class       CLASS 5 / 10 / 20 (factory set) / 30         adjustable current response value current of the current- dependent overload release       10 40 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       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       500 V         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       600 A / 600V         degree of protection NEMA rating <td>product function</td> <td></td>	product function				
• asymmetry detection         Yes           • ground fault detection         Yes           • test function         Yes           • external reset         Yes           reset function         Manual, automatic and remote           trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overload release         10 40 A           tripping time at phase-loss maximum         3 s           relative repeat accuracy         1 %           product feature protective coating on printed-circuit board         Yes           number of NC contacts of auxiliary contacts of overload relay         1           number of NO contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay according to UL         5 A           insulation voltage (Ui)         5 A           • 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         600 V           • with multi-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         600 V           • design of thuse holder         Clas	<ul> <li>overload protection</li> </ul>	Yes			
	<ul> <li>phase failure detection</li> </ul>	Yes			
• test function         Yes           • external reset         Yes           reset function         Manual, automatic and remote           trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overload release         10 40 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 eave 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 single-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           degree of protection NEMA rating         1           design of the bousing         indoors, usable on a general basis	<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       10 40 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         eat 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 single-phase operation at AC rated value       300 V       Disconnect Switch         response value of switch disconnector       60A / 600V       GA / 600V         design of fuse holder       Class R       Class R         coperating class of the fuse link       Class R       Class R         Enclosure       degree of protection NEMA rating       1	<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       10 40 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       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)       • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       500 V       1         Pisconnect Switch       Class R fuse clips       00 V         Disconnect Switch       Class R fuse clips       000 V         degree of protection NEMA rating       1       1         degree of protection NEMA rating       1       1 <td>test function</td> <td>Yes</td>	test function	Yes			
trip class       CLASS 5 / 10 / 20 (factory set) / 30         adjustable current response value current of the current- dependent overload release       10 40 A         tripping time at phase-loss maximum       3 s         relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yees         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         eat AC at 600 V       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 (U)       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         operating class of the fuse link       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       vertical         fastering method       Surface mounting and installation	<ul> <li>external reset</li> </ul>	Yes			
adjustable current response value current of the current- dependent overload release       10 40 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 according to UL       5A         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       1         degree of protection NEMA rating       1         degree of protection NEMA rating       1         design of the housing       1         mounting position       vertical         fastering method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug	reset function	Manual, automatic and remote			
adjustable current response value current of the current- dependent overload release       10 40 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 according to UL       5A         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       Class R fuse clips         operating class of the fuse link       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       1         degree of protection NEMA rating       1         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       Surface mounting and installation         mounting position       surface mounting and installat	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         number of NO 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       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         response value of switch disconnector       60A / 600V       Class R fuse clips         operating class of the fuse link       Class R       Class R         Enclosure       Enclosure       Enclosure       Enclosure         degree of protection NEMA rating       1       indoors, usable on a general basis         Mounting/wiring       indoors, usable on a general basis       Enclosure         degree of protection NEMA rating       1       fastening method       Surface mounting and installation         type of					
relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         number of NO 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       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         response value of switch disconnector       60A / 600V       Class R fuse clips         operating class of the fuse link       Class R       Class R         Enclosure       Enclosure       Enclosure       Enclosure         degree of protection NEMA rating       1       indoors, usable on a general basis         Mounting/wiring       indoors, usable on a general basis       Enclosure         degree of protection NEMA rating       1       fastening method       Surface mounting and installation         type of	tripping time at phase-loss maximum	3 s			
product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         number of NO 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       5AQ@600VAC (B600), 1A@250VDC (R300)         according to UL       5AQ@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with 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         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 <td></td> <td>1 %</td>		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 single-phase operation at AC rated value       600 V       300 V         Disconnect Switch       Class R fuse clips       0perating class of the fuse link         response value of switch disconnector       60A / 600V       Class R         design of fuse holder       Class R fuse clips       0perating class of the fuse link         design of fuse housing       1       1       design of the housing         Mounting/wiring       1       design of the housing       1         design of the housing       1       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug		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)       • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V       500 V         • with multi-phase operation at AC rated value       600 V       600 V         • with multi-phase operation at AC rated value       600 V       600 V         • with multi-phase operation at AC rated value       300 V       00 V         Disconnect Switch       Class R fuse clips       600 V         design of fuse holder       Class R fuse clips       600 V         operating class of the fuse link       Class R       Class R         Enclosure       degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug	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         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       Class R         response value of switch disconnector       60A / 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       1         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug		1			
• at DC at 250 V1 Acontact rating of auxiliary contacts of overload relay according to UL5A@600VAC (B600), 1A@250VDC (R300)insulation voltage (Ui)•• with single-phase operation at AC rated value600 V• with multi-phase operation at AC rated value300 VDisconnect Switchresponse value of switch disconnector60A / 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/wiringverticalmounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lug	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       7         response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       1         design of the housing       1         mounting/wiring       1         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug		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       7         response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       1         design of the housing       1         mounting/wiring       1         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug	• 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       60A / 600V         response value of switch disconnector       60A / 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       indoors, usable on a general basis         Mounting/wiring       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug	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         60A / 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         indoors, usable on a general basis           Mounting/wiring         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug					
<ul> <li>with multi-phase operation at AC rated value</li> <li>300 V</li> <li>Disconnect Switch</li> <li>response value of switch disconnector</li> <li>60A / 600V</li> <li>design of fuse holder</li> <li>Operating class of the fuse link</li> <li>Class R fuse clips</li> <li>operating class of the fuse link</li> <li>Class R</li> <li>Enclosure</li> <li>degree of protection NEMA rating</li> <li>1</li> <li>design of the housing</li> <li>indoors, usable on a general basis</li> <li>Mounting/wiring</li> <li>mounting position</li> <li>vertical</li> <li>fastening method</li> <li>Surface mounting and installation</li> <li>type of electrical connection for supply voltage line-side</li> <li>Box lug</li> </ul>		600 V			
response value of switch disconnector       60A / 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       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug		300 V			
response value of switch disconnector       60A / 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       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug	Disconnect Switch				
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       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug		60A / 600V			
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       mounting position         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug					
Enclosure         degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug					
degree of protection NEMA rating       1         design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         fastening method       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug					
design of the housing       indoors, usable on a general basis         Mounting/wiring       mounting position         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug		1			
Mounting/wiring         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug					
mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug	<u> </u>				
fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side     Box lug					
type of electrical connection for supply voltage line-side Box lug					
tightening torque [lbf·in] for supply 35 35 lbf·in		5			
	tightening torque [lbf·in] for supply				
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x (14 2 AWG)		1x (14 2 AWG)			
temperature of the conductor for supply maximum 75 °C permissible	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 45 45 lbf·in	tightening torque [lbf-in] for load-side outgoing feeder	45 45 lbf·in			
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded 1x (14 2 AWG)	cables for load-side outgoing feeder single or multi- stranded				
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible		75 °C			

material of the conductor for load-side outgoing feeder	AL or CU			
type of electrical connection of magnet coil	Screw-type terminals			
tightening torque [lbf·in] at magnet coil	5 12 lbf·in			
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (16 12 AWG)			
temperature of the conductor at magnet coil maximum permissible	75 °C			
material of the conductor at magnet coil	CU			
type of electrical connection for auxiliary contacts	Screw-type terminals			
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in			
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi- stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)			
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C			
material of the conductor at contactor for auxiliary contacts	CU			
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals			
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in			
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi- stranded	2x (20 14 AWG)			
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C			
material of the conductor at overload relay for auxiliary contacts	CU			
Short-circuit current rating				
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)			
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14			
Further information				
Industrial Controls - Product Overview (Catalogs, Brochures,) www.usa.siemens.com/iccatalog				
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17EUE92BF13				
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17EUE92BF13				
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17EUE92BF13⟨=en				
Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17EUE92BF13/certificate				

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