SIEMENS

Data sheet US2:17CUB92FG11



Figure similar

Non-reversing motor starter Size 0 Three phase full voltage Solidstate overload relay OLRelay amp range 0.75-3.4A Combination type 30Amp fusible disconnect 30 Amp /600V fuse clip Encl NEMA type 4X Fiberglass Water/dust tight non-corrosive Standard width enclosure

General technical data					
Weight [lb]	33 lb				
Height x Width x Depth [in]	24 × 15 × 7 in				
Protection against electrical shock	NA for enclosed products				
Installation altitude [ft] at height above sea level maximum	6560 ft				
Ambient temperature [°F] during storage	-22 +149 °F				
Ambient temperature [°F] during operation	-4 +104 °F				
Ambient temperature during storage	-30 +65 °C				
Ambient temperature during operation	-20 +40 °C				
Country of origin	USA				

Vielded mechanical performance [hp] for three-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value 1.5 hp

● at 575/600 V rated value	2 hp	
Contactor		
Number of NO contacts for main contacts	3	
Operating voltage for main current circuit at AC at 60 Hz maximum	600 V	
Operating current at AC at 600 V rated value	18 A	
Mechanical service life (switching cycles) of the main contacts typical	10000000	
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 DC rated value	0 0 V	
• at AC at 60 Hz rated value	220 240 V	
• at AC at 50 Hz rated value	190 220 V	
Holding power at AC minimum	8.6 W	
Apparent pick-up power of magnet coil at AC	218 V·A	
Apparent holding power of magnet coil at AC	25 V·A	
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	50 %	
Switch-on delay time	19 29 ms	
Off-delay time	10 24 ms	
Overload relay		
Product function		
Overload protection	Yes	
Phase failure detection	Yes	
Phase unbalance	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 pick-up value current of the current-dependent overload release Trip time at phase-loss maximum	0.75 3.4 A		
Trip time at phase-loss maximum	0.75 3.4 A		
	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		
Operating 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			
 with single-phase operation at AC rated value 	600 V		
• with multi-phase operation at AC rated value	300 V		
Disconnect Switch			
Rated response values 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 of the enclosure	NEMA 4X fiberglass enclosure		
Design of the housing	Dust-tight, watertight & corrosion resistant		
200 gri or the riodoling			
Mounting/wiring			
	vertical		
Mounting/wiring	vertical Surface mounting and installation		
Mounting/wiring (mounting position)			
Mounting/wiring (mounting position) (mounting type) Type of connectable conductor cross-sections at line-	Surface mounting and installation		
Mounting/wiring (mounting position) (mounting type) Type of connectable conductor cross-sections at lineside at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum	Surface mounting and installation 1x (14 4 AWG)		
Mounting/wiring (mounting position) (mounting type) Type of connectable conductor cross-sections at lineside at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum permissible	Surface mounting and installation 1x (14 4 AWG) 75 °C		
Mounting/wiring (mounting position) (mounting type) Type of connectable conductor cross-sections at lineside at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum permissible Material of the conductor for supply Type of electrical connection for load-side outgoing	Surface mounting and installation 1x (14 4 AWG) 75 °C AL or CU		
Mounting/wiring (mounting position) (mounting type) Type of connectable conductor cross-sections at lineside at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum permissible Material of the conductor for supply Type of electrical connection for load-side outgoing feeder Tightening torque [lbf·in] for load-side outgoing	Surface mounting and installation 1x (14 4 AWG) 75 °C AL or CU Screw-type terminals		

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 conductors 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 conductors 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 conductors 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

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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)

Further information

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

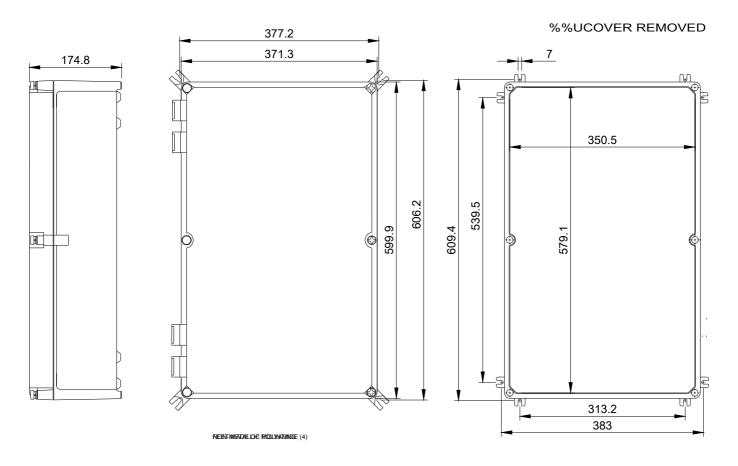
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:17CUB92FG11

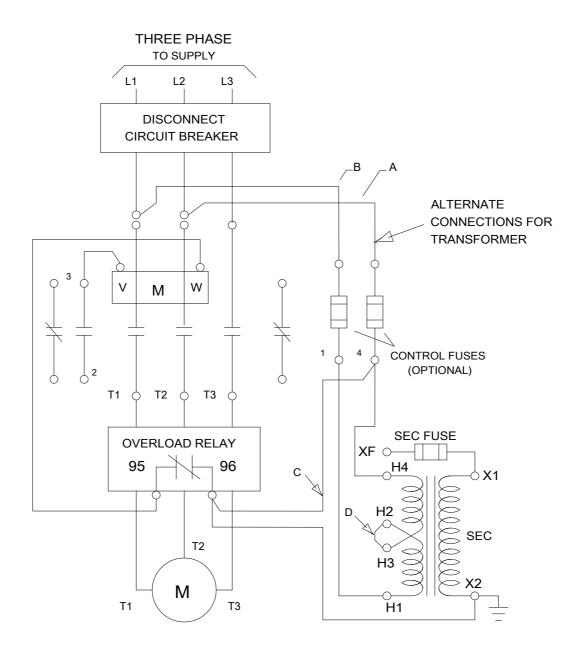
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17CUB92FG11&lang=en

Certificates/approvals

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