SIEMENS

Data sheet

US2:17CUA82BF10



Non-reversing motor starter Size 0 Three phase full voltage Solid-state overload relay OLRelay amp range 0.25-1A 110VAC 50HZ / 120VAC 60HZ coil Combination type 30Amp fusible disconnect 30Amp / 250V fuse clip Enclosure NEMA type 1 Indoor general purpose use Extra-wide enclosure

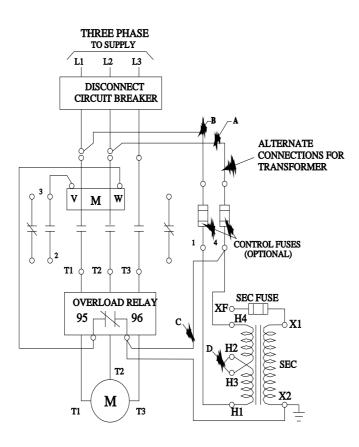
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product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay
General technical data	
weight [lb]	47 lb
Height x Width x Depth [in]	24 × 20 × 8 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
 during storage 	-22 +149 °F
during operation	-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	0.17 hp
• at 220/230 V rated value	0.17 hp
• at 460/480 V rated value	0 hp
• at 575/600 V rated value	0 hp
Contactor	
size of contactor	NEMA controller size 0
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	18 A
mechanical service life (switching cycles) of the main contacts typical	1000000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	0
number of NO contacts at contactor for auxiliary contacts	1
number of total auxiliary contacts maximum	8
contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	

• at AC at 60 Hz rade value 120 V holding power at AC minimum 6.8 W apparent plock-up power of magnet coil at AC 28 VA operating range factor control supply voltage rated value 0.85 1.1 of magnet coil 0.8 S 1.1 of magnet coil 0.8 S 1.1 of magnet coil 0.9 S 1.1 of magnet coil 0 24 ms Overload protection Yes • overload protection Yes • asymmetry detection Yes • asymmetry detection Yes • asymmetry detection Yes • external reset Yes reset function Yes • asymmetry detection Yes • asymmetry detection Yes • asternal reset Yes reset function Manual, automatic and remote thip class 0.2.5 to 1.0 adjustable current response value current of the current-dependent overload release 1.4 tripping time at phase-loss maximum 3 s relative repeat accuracy 1.4 opticat failing contacts of overload r		440.14
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	Overload relay	
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	 asymmetry detection 	Yes
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Disconnect Switch response value of switch disconnector 30A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure		300 V
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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

material of the conductor for load-side outgoing feeder	CU			
type of electrical connection of magnet coil	Screw-type terminals			
tightening torque [lbf·in] at magnet coil	5 12 lbf·in			
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (16 12 AWG)			
temperature of the conductor at magnet coil maximum permissible	75 °C			
material of the conductor at magnet coil	CU			
type of electrical connection for auxiliary contacts	Screw-type terminals			
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in			
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi- stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)			
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C			
material of the conductor at contactor for auxiliary contacts	CU			
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals			
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in			
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi- stranded	2x (20 14 AWG)			
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C			
material of the conductor at overload relay for auxiliary contacts	CU			
Short-circuit current rating				
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)			
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14			
Further information				
Industrial Controls - Product Overview (Catalogs, Brochures,)				
www.usa.siemens.com/iccatalog				
Industry Mall (Online ordering system)				
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17CUA82BF10 Service&Support (Manuals, Certificates, Characteristics, FAQs,)				
https://support.industry.siemens.com/cs/US/en/ps/US2:17CL				
	s, 3D models, device circuit diagrams, EPLAN macros,)			
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17CUA82BF10⟨=en				

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17CUA82BF10&lang=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17CUA82BF10/certificate



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