SIEMENS

Data sheet

US2:17CUC92BF



Non-reversing motor starter, Size 0, Three phase full voltage, Solid-state overload relay, OLR amp range 3-12A, 110V 50Hz / 120V 60Hz coil, Combination type, 30A non-fusible disconnect, Enclosure NEMA type 1, Indoor general purpose use, Standard width enclosure

Figures	imilar
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product brand name	Class 17 & 25
design of the product	Full-voltage non-reversing motor starter with non-fusible disconnect
special product feature	ESP200 overload relay
General technical data	
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]	
 during storage 	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
 during storage 	-30 +65 °C
 during operation 	-20 +40 °C
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC	
motor	
at 200/208 V rated value	2 hp
at 220/230 V rated value	2 hp
• at 460/480 V rated value	5 hp
• at 575/600 V rated value	5 hp
Contactor	
size of contactor	NEMA controller size 0
number of NO contacts for main contacts	3
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 50 Hz rated value	110 V
 at AC at 60 Hz rated value 	120 V
holding power at AC minimum	8.6 W
apparent pick-up power of magnet coil at AC	218 VA

apparent hoting power of magnet coil r4 AC 25 VA operating range factor control supply voltage rated value 0.851.1 obscillation 0.851.1 percential forp-out voltage of magnet coil related to the input voltage 50 % ON-delay time 1024 ms Overload protection Yes • overload protection Yes • agound failure detection Yes • external reset Yes reset function Yes reset function Yes inglustable current response value current of the current 3 s relative repeat accursacy 1% product failure protective coating on printed-circuit board 1 number of NC contacts of auxiliary contacts of overload 1 relative repeat accursacy 5 Å operational current of auxiliary contacts of overload relay 5 Å • at C at 280 Y 5 Å operational current of auxiliary contacts of overload relay 5 Å	apparent holding new or of magnet as it at A C	25 \/A
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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 terminalstightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)	type of connectable conductor cross-sections at line-side	1x (14 2 AWG)
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)	temperature of the conductor for supply maximum	75 °C
tightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)		AL or CU
tightening torque [lbf·in] for load-side outgoing feeder20 20 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-1x (14 2 AWG)		Screw-type terminals
type of connectable conductor cross-sections at AWG 1x (14 2 AWG) cables for load-side outgoing feeder single or multi-		
	type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	1x (14 2 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C		75 °C
material of the conductor for load-side outgoing feeder AL or CU	material of the conductor for load-side outgoing feeder	AL or CU
type of electrical connection of magnet coil Screw-type terminals	type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil 5 12 lbf·in	tightening torque [lbf·in] at magnet coil	5 12 lbf·in

2x (16 12 AWG)		
75 °C		
CU		
Screw-type terminals		
10 15 lbf in		
1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)		
75 °C		
CU		
Screw-type terminals		
7 10 lbf·in		
2x (20 14 AWG)		
75 °C		
CU		
10kA@600V (Class H or K); 100kA@600V (Class R or J)		
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=US2:17CUC92BF Service&Support (Manuals, Certificates, Characteristics, FAQs,)		
https://support.industry.siemens.com/cs/US/en/ps/US2:17CUC92BF		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)		
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17CUC92BF⟨=en Certificates/approvals		

https://support.industry.siemens.com/cs/US/en/ps/US2:17CUC92BF/certificate

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