SIEMENS

Data sheet

US2:83CUA95BH



Duplex starter w/o alternator, Size 0, Three phase full voltage, Solid-state overload relay, OLR amp range 0.25-1A, 380-440/440-480V 50/60Hz coil, Non-combination type, Enclosure NEMA type 1, Indoor general purpose use

Figures	imilar
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product brand name	Class 83
design of the product	Duplex controller without alternator
special product feature	ESP200 overload relay
General technical data	
weight [lb]	40 lb
Height x Width x Depth [in]	20 × 16 × 6 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 	0.33 hp
 at 575/600 V rated value 	0.5 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	

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type of connectable conductor cross-sections of magnet 2x (16 12 AWG)		5 12 lbf·in
	type of connectable conductor cross-sections of magnet	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)		
Thermal magnetic circuit breaker		
14 kA		
10 kA		
10 kA		
NEMA ICS 2; UL 508; CSA 22.2, No.14		
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