SIEMENS

Data sheet

US2:17HUG82WJ15



Non-reversing motor starter, Size 3, Three phase full voltage, Solid-state overload relay, OLR amp range 25-100A, 24VAC 50-60Hz coil, Combination type, 100A fusible disconnect, 100A/600V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, 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]	82 lb
Height x Width x Depth [in]	36 × 24 × 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 hp
• at 220/230 V rated value	0 hp
 at 460/480 V rated value 	50 hp
 at 575/600 V rated value 	50 hp
Contactor	
size of contactor	NEMA controller size 3
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	90 A
mechanical service life (switching cycles) of the main contacts typical	500000
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	7
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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cables for load-side outgoing feeder single or multi- stranded 75 °C temperature of the conductor for load-side outgoing feeder 75 °C		
	cables for load-side outgoing feeder single or multi-	1x (14 2/0 AWG)
		75 °C

AL or CU				
Screw-type terminals				
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=US2:17HUG82WJ15 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG82WJ15 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17HUG82WJ15⟨=en Certificates/approvals				
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