SIEMENS

Data sheet

US2:17HUG92NJ14



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/250V fuse clip, Enclosure NEMA type 4/12, Water/dust tight for outdoors, Standard width enclosure

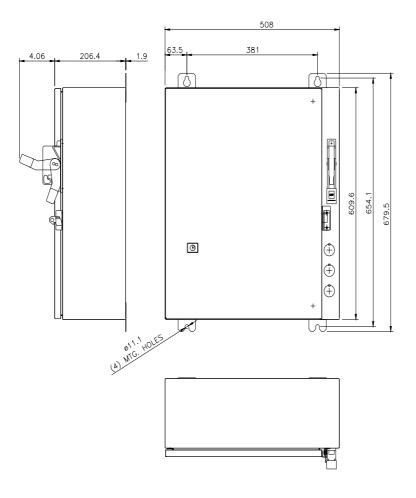
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product brand name	Class 17		
design of the product	Non-reversing motor starter with fusible disconnect		
special product feature	ESP200 overload relay		
General technical data			
weight [lb]	52 lb		
Height x Width x Depth [in]	24 × 20 × 8 in		
touch 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 	20 hp		
 at 220/230 V rated value 	25 hp		
 at 460/480 V rated value 	0 hp		
 at 575/600 V rated value 	0 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			

et AC at 50 Hz rated value 24 V holding power at AC minimum 44 W apparent holk-up power of magnet coil at AC 310 VA apparent holk-up power of magnet coil at AC 310 VA apparent holk-up power of magnet coil at AC 310 VA apparent holk-up power of magnet coil at AC apparent holk-up power of magnet coil related to the input voltage of the device o	
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Mounting/wiring mounting position vertical	
mounting position vertical	
fastening method Surface mounting and installation	
type of electrical connection for supply voltage line-side Box lug	
tightening torque [lbf-in] for supply 120 120 lbf-in	
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x (14 1/0 AWG)	
temperature of the conductor for supply maximum 75 °C permissible	
material of the conductor for supply AL or CU	
type of electrical connection for load-side outgoing feeder Box lug	
tightening torque [lbf·in] for load-side outgoing feeder 120 120 lbf·in	
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded 1x (14 2/0 AWG)	
temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C	

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material of the conductor for load-side outgoing feeder	AL or 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=US2:17HUG92NJ14					
Service&Support (Manuals, Certificates, Characteristics,					
https://support.industry.siemens.com/cs/US/en/ps/US2:17HU					
	is, 3D models, device circuit diagrams, EPLAN macros,)				
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17HUG92NJ14⟨=en					

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17HUG92NJ14&lang=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG92NJ14/certificate



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