SIEMENS

Data sheet

US2:17DUB92NJ11



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 0.75-3.4A, 24VAC 50-60Hz coil, Combination type, 30A fusible disconnect, 30A/600V 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]	34 lb				
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				
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	1.5 hp				
 at 575/600 V rated value 	2 hp				
Contactor					
size of contactor	NEMA controller size 1				
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	27 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 24 V holding power at AC minimum 8.6 W apparent pick-up power of magnet coil at AC 218 VA apparent pick-up power of magnet coil at AC 25 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 percental drop-out voltage of magnet coil related to the input voltage 0.85 1.1 OR-delay time 10 24 ms OVerload relay 7es product function Yes • overload protection Yes • ground fault detection Yes • external reset Yes reset function CLASS 5 / 10 / 20 (factory set) / 30 trip class 0.75 34 A dependent overload release 1% product function Yes ves 1% reset function Yes • asymmetry detection Yes • at AC at 600 V 1 trip class 1% reset function CLASS 5 / 10 / 20 (factory set) / 30 tripping time at phase-loss maximum 3 s relative repeat accuracy 1% product feature protective coating on printed-circuit board 1 number of NC contacts of auxiliary contacts of overload relay 1 • at DC at 250 V	
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insulation voltage (Ui) with single-phase operation at AC rated value 600 V 	
• with single-phase operation at AC rated value 600 V	
with multi-phase operation at AC rated value 300 V	
Disconnect Switch	
response value of switch disconnector 30A / 600V	
design of fuse holder Class R fuse clips	
operating class of the fuse link Class R	
Enclosure	
degree of protection NEMA rating 4, 12 degree of the bouging dustarproof % weatherproof	
design of the housing dustproof, waterproof & weatherproof	
Mounting/wiring	
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 35 35 lbf·in	
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x (14 2 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 Screw-type terminals	
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)	
temperature of the conductor for load-side outgoing feeder 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=US2:17DUB92NJ11				
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17DUB92NJ11				
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17DUB92NJ11⟨=en				
Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17DUB92NJ11/certificate				

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