SIEMENS

Data sheet US2:14CUD82WA



Non-reversing motor starter Size 0 Three phase full voltage Solid-state overload relay OLRelay amp range 5.5-22A 110-120/220-240VAC 60HZ coil Combination type Water/dust tight non-corrosive

product brand name	Class 14	
design of the product	Full-voltage non-reversing motor starter	
special product feature	ESP200 overload relay; Dual voltage coil	
General technical data		
weight [lb]	15 lb	
Height x Width x Depth [in]	13 × 13 × 5 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	3 hp	
at 220/230 V rated value	3 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 (operating cycles) of the main contacts typical	10000000	
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 60 Hz rated value	110 240 V	
holding power at AC minimum	8.6 W	
apparent pick-up power of magnet coil at AC	218 VA	
apparent holding 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 ON-delay time OPE-delay time 1024 ms Overload relaxy product function • overload protection • phase failure detection • phase failure detection • phase failure detection • product function • overload protection • cayment y detection • res • ground fault detection • external meat • yes • caternal meat • yes reset function • we kernal meat • yes caternal meat • yes CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release tripping time at phase-loss maximum relative repeat accuracy 1% product feature protective conting on printed circuit board yendent overload release tripping time at phase-loss maximum relative repeat accuracy 1% product feature protective conting on printed circuit board yendent or voltacts of auxiliary contacts of overload relay 1 number of NO contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • with single-phase operation at AC rated value • with multiphase operation at AC rated value • with multiphase operation at AC rated value 6 design of the housing 6 design of the housing 6 design of the housing 6 design of the nousing	
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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 for AWG cables for auxiliary contacts single or multi-stranded	
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 screw-type terminals	

contacts	
tightening torque [lbf-in] at overload relay for auxiliary contacts	7 10 lbf·in
type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded	2 x (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)
design of the short-circuit trip	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (Icu)	
• at 240 V	14 kA
• at 480 V	10 kA
• at 600 V	10 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
Further information	

Industrial Controls - Product Overview (Catalogs, Brochures,...)

Industry Mall (Online ordering system)

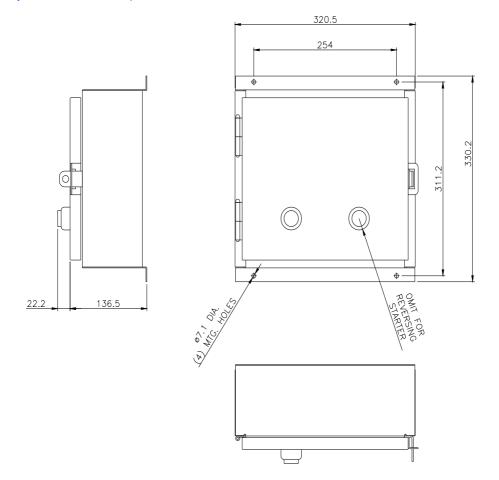
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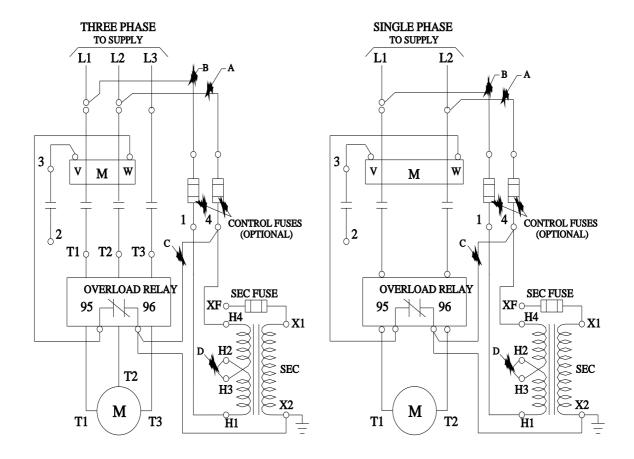
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