## **SIEMENS**

Data sheet US2:14CUA82WC



Non-reversing motor starter Size 0 Three phase full voltage Solid-state overload relay OLRelay amp range 0.25-1A 220-240/440-480VAC 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	
<ul> <li>during operation</li> </ul>	-4 +104 °F	
ambient temperature		
<ul> <li>during storage</li> </ul>	-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	
<ul><li>at 575/600 V rated value</li></ul>	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 (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	345VA@115VAC / 768VA@240VAC	
Coil		
type of voltage of the control supply voltage	AC	
control supply voltage		
at AC at 60 Hz rated value	220 480 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	0.85 1.1
magnet coil  percental drop-out voltage of magnet coil related to the input	50 %
voltage  ON delay time	40 20 mg
ON-delay time OFF-delay time	19 29 ms 10 24 ms
Overload relay	10 24 1115
product function	
overload protection	Yes
phase failure detection	Yes
asymmetry detection	Yes
ground fault detection	Yes
• test function	Yes
external reset	Yes
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current- dependent overload release	0.25 1 A
tripping time at phase-loss maximum	3 s
relative repeat accuracy	1 %
product feature protective coating on printed-circuit board	Yes
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
operational current of auxiliary contacts of overload relay	
• at AC at 600 V	5 A
• at DC at 250 V	1A
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
insulation voltage (Ui)	
with single-phase operation at AC rated value	600 V
with multi-phase operation at AC rated value	300 V
I amount the second sec	
Enclosure	F
design of the housing	Extra-wide
design of the housing degree of protection NEMA rating of the enclosure	Extra-wide NEMA 4X 304 stainless steel enclosure
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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 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
Approvals Certificates	
Test Certificates	



Industrial Controls - Product Overview (Catalogs, Brochures,...) <a href="https://www.usa.siemens.com/iccatalog">www.usa.siemens.com/iccatalog</a>

Industry Mall (Online ordering system)

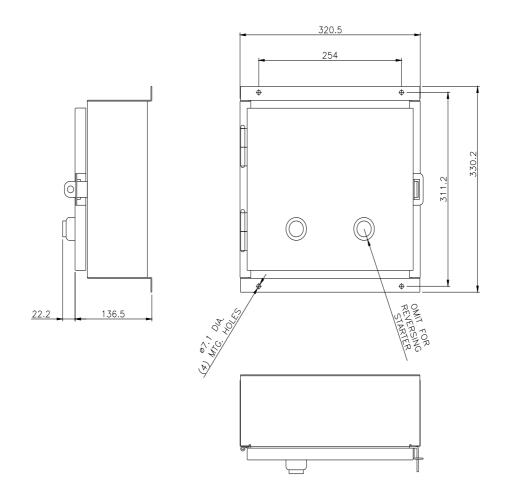
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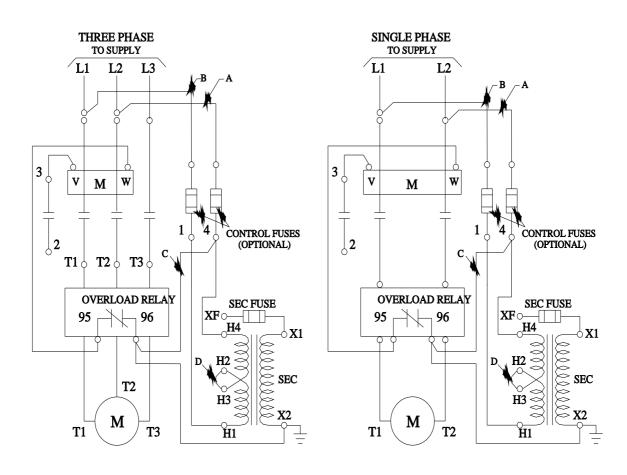
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Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14CUA82WC/certificate





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