SIEMENS

Data sheet US2:22CP32BD81



Reversing motor starter, Size 0, Three phase full voltage, Amb. compensate bimetal OLR, Contactor amp rating 18A, 208VAC 60Hz coil, Non-combination type, Enclosure type 1, Indoor general purpose use

Figure similar

product brand name	Class 14 & 22
design of the product	Full-voltage reversing motor starter
General technical data	Tall voltage feverally motor starter
weight [lb]	23 lb
Height x Width x Depth [in]	20 × 12 × 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	3 hp
• at 220/230 V rated value	3 hp
 at 460/480 V rated value 	5 hp
• at 575/600 V rated value	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	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	208 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 percental drop-out voltage of magnet coil related to the input voltage ON-delay time OFF-delay time OFF-delay time Overload relay product function • overload protection • external reset reset function • overload protection • external reset Yes • external reset reset function adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating degree of protection NEMA rating fastening method type of electrical connection for supply voltage line-side tightening torque [libf-in] for supply type of electrical connection for load-side outgoing feeder type of electrical connection of load-side outgoing feeder tightening torque [libf-in] for load-side outgoing feeder type of electrical connection of magnet coil solutions to the supply to the supply such as the conductor of supply well as the conductor of supply such as the conductor of supply	Itage of magnet coil related to the input 50 % 19 29 ms
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type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded 2x (16 12 AWG)	multi-stranded
temperature of the conductor at magnet coil maximum permissible 75 °C	
material of the conductor at magnet coil CU	ctor at magnet coil CU
type of electrical connection for auxiliary contacts Screw-type terminals	nection 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	
temperature of the conductor at contactor for auxiliary contacts maximum permissible 75 °C	
material of the conductor at contactor for auxiliary contacts	ctor at contactor for auxiliary contacts CU
type of electrical connection at overload relay for auxiliary contacts Screw-type terminals	section at overload relay for auxiliary Screw-type terminals
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type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi-stranded	
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	ctor at overload relay for auxiliary contacts CU
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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)	aung
design of the short-circuit trip Thermal magnetic circuit breaker	
maximum short-circuit current breaking capacity (Icu)	for short-circuit protection of the main 10kA@600V (Class H or K); 100kA@600V (Class R or J)
• at 240 V 14 kA	for short-circuit protection of the main 10kA@600V (Class H or K); 100kA@600V (Class R or J) Thermal magnetic circuit breaker
• at 480 V 10 kA	t for short-circuit protection of the main 10kA@600V (Class H or K); 100kA@600V (Class R or J) Thermal magnetic circuit breaker t current breaking capacity (Icu)
• at 600 V 10 kA	t for short-circuit protection of the main 10kA@600V (Class H or K); 100kA@600V (Class R or J) Thermal magnetic circuit breaker t current breaking capacity (Icu) 14 kA
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	t for short-circuit protection of the main 10kA@600V (Class H or K); 100kA@600V (Class R or J) Thermal magnetic circuit breaker t current breaking capacity (Icu) 14 kA 10 kA 10 kA

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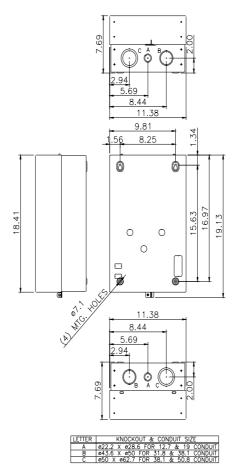
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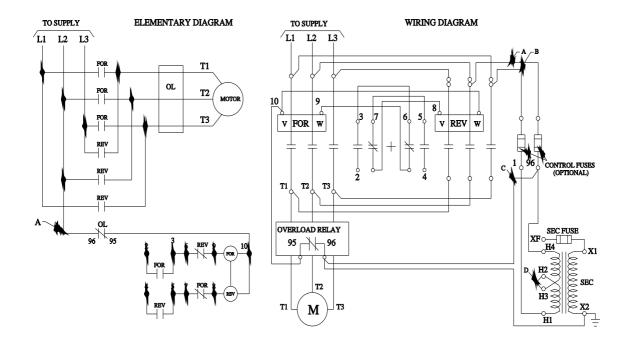
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