SIEMENS

Data sheet

US2:40EP220D

Non-reversing contactor, Size 1 3/4, 4 power poles, Contactor amp rating 40A, 3 wire (NO aux included), 208VAC 60Hz coil, Noncombination type, Enclosure NEMA type 12, Dust/drip proof for indoors, Standard width enclosure



Figure similar

General technical data		
Weight [lb]	11 lb	
Height x Width x Depth [in]	13 × 8 × 5 in	
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	
Ambient temperature [°F] during operation	-4 +104 °F	
Ambient temperature during storage	-30 +65 °C	
Ambient temperature during operation	-20 +40 °C	
Country of origin	USA	
Horsepower ratings		
Yielded mechanical performance [hp] for three-phase		
AC motor		
• at 200/208 V rated value	5 hp	
• at 220/230 V rated value	10 hp	
• at 460/480 V rated value	15 hp	

• at 575/600 V	rated value
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15 hp

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 1 Type of voltage of the control supply voltage AC Control supply voltage 0 0 V • at DC rated value 0 0 V • at AC at 60 Hz rated value 0 0 V • at AC at 50 Hz rated value 0 0 V • at AC at 50 Hz rated value 0 0 V Holding power at AC minimum 8.6 W Apparent pick-up power of magnet coil at AC 218 V·A Apparent pick-up power of magnet coil at AC 25 V·A Operating range factor control supply voltage rated value of magnet coil 0.85 1.1 value of magnet coil 50 % Switch-on delay time 10 24 ms Enclosure Degree of protection NEMA rating of the enclosure Degree of protection NEMA rating of the enclosure NEMA Type 12 Degree of protection NEMA rating of the enclosure NEMA Type 17	• at 575/600 V rated value	бир
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Type of connectable conductor cross-sections at line- 1x (14 2 AWG)		Screw-type terminals
	Tightening torque [lbf·in] for supply	45 45 lbf·in
		1x (14 2 AWG)

To service softhe conductor for supply required	
Temperature of the conductor for supply maximum permissible	75 °C
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	45 45 lbf·in
Type of connectable conductor cross-sections at AWG conductors for load-side outgoing feeder single or multi-stranded	1x (14 2 AWG)
Temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
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 conductors 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 at contactor 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 conductors 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
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 A
● at 480 V	10 A
• at 600 V	10 A
Further information	

Industrial Controls - Product Overview (Catalogs, Brochures,...) www.usa.siemens.com/iccatalog

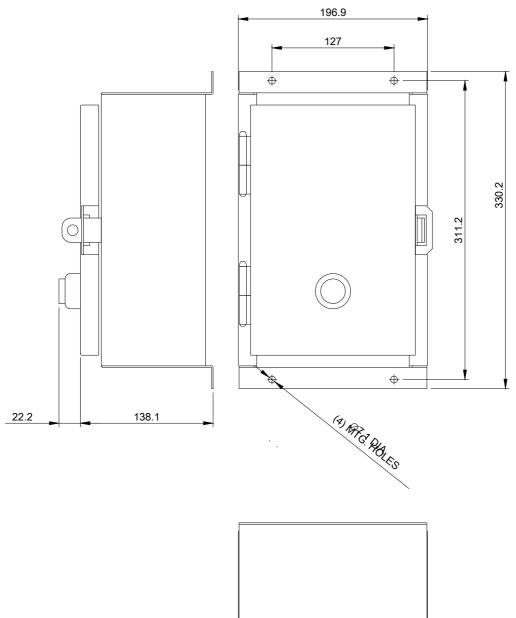
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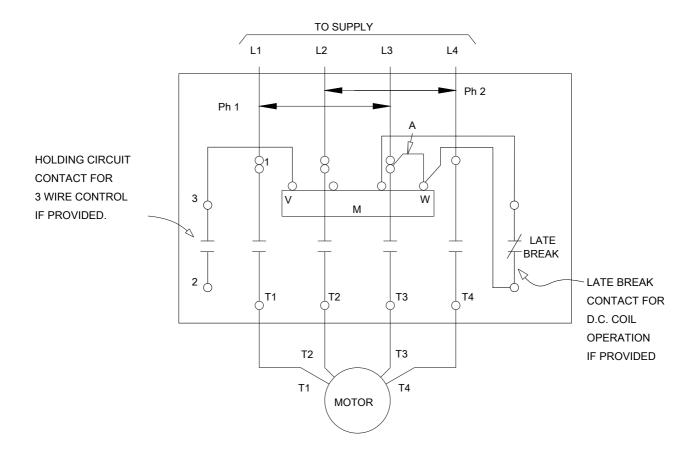
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