SIEMENS

Data sheet

US2:43DP320A



Reversing NEMA contactor Size 1 Three phase full voltage Contactor amp rating 27Amp 3 w 110-120/220-240VAC 60HZ coil Non-combination type Enclosure NEMA type 12 Dust/drip proof for indoors Standard width enclosure

product brand name	Class 43
design of the product	Reversing contactor
special product feature	Dual voltage coil
General technical data	
weight [lb]	16 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	7.5 hp
• at 220/230 V rated value	7.5 hp
• at 460/480 V rated value	10 hp
• at 575/600 V rated value	10 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 (operating cycles) of the main contacts typical	1000000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	2
number of NO contacts at contactor for auxiliary contacts	2
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

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AWG cables for auxiliary contacts single or multi-stranded 75 °C 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 10kA@600V (Class H or K); 100kA@600V (Class R or J) 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) 14 A • at 240 V 10 A • at 600 V 10 A certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in
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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) 14 A • at 240 V 10 A • at 600 V 10 A certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14		75 °C
design of the fuse link for short-circuit protection of the main circuit required10kA@600V (Class H or K); 100kA@600V (Class R or J)design of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu) • at 240 V14 A• at 480 V10 A• at 600 V10 Acertificate of suitabilityNEMA ICS 2; UL 508; CSA 22.2, No.14	material of the conductor at contactor for auxiliary contacts	CU
circuit required Control design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) 14 A • at 240 V 14 A • at 480 V 10 A • at 600 V 10 A certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	Short-circuit current rating	
maximum short-circuit current breaking capacity (Icu) 14 A • at 240 V 14 A • at 480 V 10 A • at 600 V 10 A certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	5 I	10kA@600V (Class H or K); 100kA@600V (Class R or J)
• at 240 V 14 A • at 480 V 10 A • at 600 V 10 A certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V 10 A • at 600 V 10 A certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	maximum short-circuit current breaking capacity (Icu)	
• at 600 V 10 A certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	• at 240 V	14 A
certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	• at 480 V	10 A
	• at 600 V	10 A
Further information	certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
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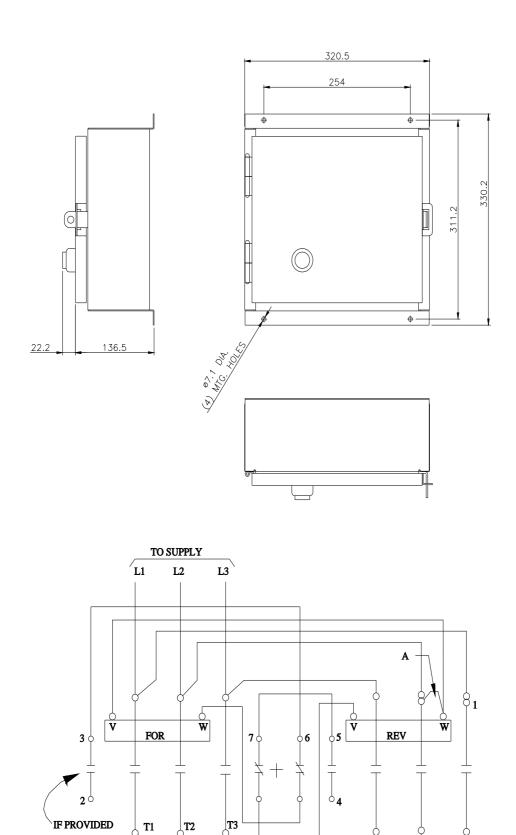
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