SIEMENS

Data sheet

US2:40DP22BA



Non-reversing NEMA contactor, Size 1, 4 power poles, Contactor amp rating 27A, 3 wire (NO aux included), 110-120/220-240VAC 60Hz coil, Non-combination type, Enclosure NEMA type 1, Indoor general purpose use, Standard width enclosure

product brand name	Class 40
design of the product	Non-reversing contactor
special product feature	Dual voltage coil
General technical data	
weight [lb]	8 lb
Height x Width x Depth [in]	11 × 7 × 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	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	4
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	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 coll 0.851.1 precential drop-out voltage of magnet coll related to the input voltage 60 % ON-delay time 1929 ms OF-f-delay time 1024 ms Exclosure NEMA Type 1 degree of protection NEMA rating of the enclosure NEMA Type 1 degree of protection NEMA rating of the enclosure NEMA Type 1 design of the housing indoors, usable on a general basis Mounting/vining Stratee mounting and installation Towards and the indoors Stratee mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals type of electrical connection for supply maximum permissible 75 °C material of the conductor for supply maximum permissible 1x (142 AWG) type of electrical connection for load-side outgoing feeder 3535 lbf:n type of electrical connection for load-side outgoing feeder 1x (142 AWG) type of electrical connection for load-side outgoing feeder 1x (142 AWG) type of electrical connection for load-side outgoing feeder 512 lbf:n type of electrical connection for load-side outgoing feeder	magnet coilmagnet coil related to the input voltage50 %percental drop-out voltage of magnet coil related to the input voltage50 %ON-delay time19 29 msOFF-delay time10 24 msEnclosure10 24 msdegree of protection NEMA rating of the enclosure design of the housingNEMA Type 1 indoors, usable on a general basisMounting/wiringVerticalmounting positionVerticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideScrew-type terminalstightening torque [lbf-in] for supply35 35 lbf-in	
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circuit required Circuit required 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	Short-circuit current rating	
maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V		
• at 240 V 14 A • at 480 V 10 A • at 600 V 10 A	design of the short-circuit trip Thermal magnetic circuit breaker	
• at 480 V 10 A • at 600 V 10 A	maximum short-circuit current breaking capacity (Icu)	
• at 600 V 10 A	• at 240 V 14 A	
	• at 480 V 10 A	
certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	• at 600 V 10 A	
	certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No.14	
Further information	Further information	

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