

Contact characteristics Nr. 4 Operational frequency min Hz 25 Mechanical features max Hz 400 Operating position normal Vertical plan allowable ±30° Screw / DIN rail Screw / DIN rail 35mm Screw / DIN rail Weight g 432 Operating position	Product designation Product type designation				Power contactor DPBF09
Operational frequency min Hz 25 max Hz 400 Mechanical features normal Vertical plan allowable ±30° 1 Fixing Screw / DIN rail 30° Weight g 492 Operations	Contact characteristics				
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Dissipation at holding ≤20°C 50Hz W 2.5 DC coil operating DC rated control voltage V 12 DC operating voltage pick-up min %Us 70					
DC coil operating V 12 DC operating voltage V 12 DC operating voltage pick-up min %Us 70	Dissipation at holding ≤20°C 50Hz				
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DC operating voltage pick-up min %Us 70 max %Us 125 drop-out min %Us 10 max %Us 40 Average coil consumption ≤20°C in-rush W 5.4 holding W 5.4 Max cycles frequency Mechanical operation cycles/h 3600				V	12
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max %Us 40 Average coil consumption ≤20°C in-rush holding W 5.4 Max cycles frequency W 5.4 Mechanical operation cycles/h 3600	arop-out		•	0/11-	10
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in-rush W 5.4 holding W 5.4 Max cycles frequency Mechanical operation cycles/h 3600			max	%US	40
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Max cycles frequency Mechanical operation cycles/h 3600					
Mechanical operation cycles/h 3600			holding	W	5.4
Operating times	Mechanical operation			cycles/h	3600
	Operating times				

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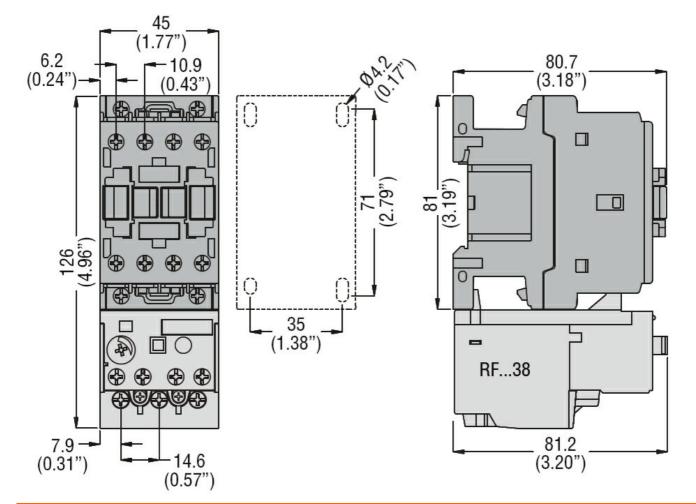


Dimensions

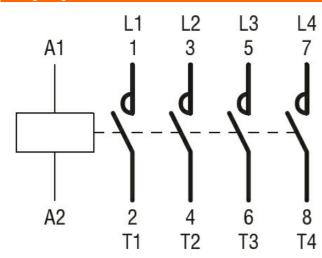
Average time for Us control in AC **Closing NO** min 8 ms 24 max ms **Opening NO** min ms 10 20 max ms **Closing NC** min ms 14 28 max ms **Opening NC** 7 min ms 18 max ms in DC **Closing NO** 54 min ms 66 max ms **Opening NO** 14 min ms max 17 ms UL technical data Full-load current (FLA) for three-phase AC motor at 600V А 20 Locked rotor current (LRA) A 120 Yielded mechanical performance for single-phase AC motor HP 1.5 110/120V 230V HP 3 for three-phase AC motor 200/208V HP 5 ΗP 5 220/230V 460/480V 10 HP HP 575/600V 15 General USE Contactor AC current 25 А Short-circuit protection fuse, 600V Standard fault Short circuit current kΑ 5 Fuse rating А 70 Fuse class RK5 Ambient conditions Temperature Operating temperature °C -50 min °C 70 max Storage temperature °C -60 min °C 80 max Max altitude 3000 m Resistance & Protection Pollution degree 3

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Wiring diagrams



Certifications and compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-15
	UL 60947-1
	UL 60947-4-1
Certificates	
	cULus
ETIM classification	



ETIM 8.0

DPBF09T4D012

FOUR-POLE CONTACTOR, GENERAL USE 30A, DC COIL, 12VDC

EC000066 -Power contactor, AC switching