

THREE-POLE CONTACTOR, FLA 50A, AC COIL 60HZ, 24VAC

Product type designation			Power contactor DPBF32
Contact characteristics		Nla	<u>^</u>
Number of poles		Nr.	3
Operational frequency			05
	min	Hz Hz	25 400
Mechanical features	max	ΠZ	400
Operating position			
	normal		Vertical plan
	allowable		±30°
			Screw / DIN rail
Fixing			35mm
Weight		g	422
Operations		Ű	
Mechanical life		cycles	20000000
Electrical life		cycles	1600000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
-	rated load	cycles	1600000
	mechanical load	cycles	2000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 60Hz		V	24
AC operating voltage			
of 60Hz coil powered at 60Hz			
pick-up			
	min	%Us	80
	max	%Us	110
drop-out			
	min	%Us	20
	max	%Us	55
AC average coil consumption at 20°C			
of 60Hz coil powered at 60Hz	· · · · · ·	١/٨	75
	in-rush	VA	75
Dissinction at holding <20°C FOUL	holding	VA W	9
Dissipation at holding ≤20°C 50Hz		VV	2.5
Max cycles frequency Mechanical operation		cycles/h	2600
Operating times		cycles/II	3000
Average time for Us control			
in AC			
Closing NO			
	min	ms	8
	max	ms	24
Opening NO	max		
UDANING NU	min	ms	5
Opening NO			15
	max	ms	
	max	ms	10
Closing NC	max	ms	
			9 20

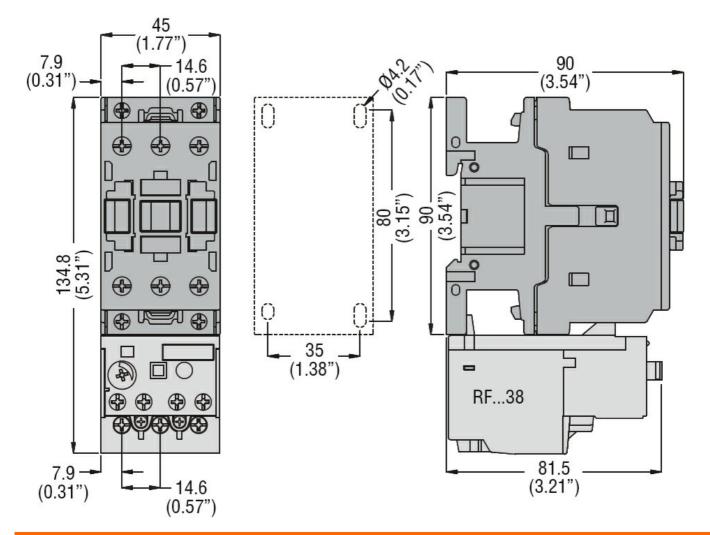
DPBF3200A02460 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



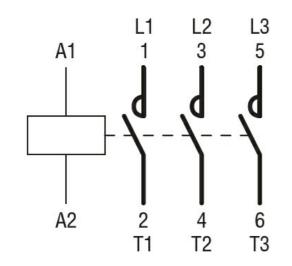
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		min	ms	9
		max	ms	17
UL technical data				
	A) for three-phase AC motor			
	A) for three phase Ao motor	at (000)/	٨	50
		at 600V	A	50
Locked rotor current			Α	300
Yielded mechanical	performance			
	for single-phase AC motor			
	5 1	110/120V	HP	3
		230V	HP	10
		230 V	ПГ	10
	for three-phase AC motor			
		200/208V	HP	15
		220/230V	HP	15
		460/480V	HP	30
		575/600V	HP	40
General USE				
General USL	Operators			
	Contactor			
		AC current	Α	55
Short-circuit protecti	on fuse, 600V			
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	A	150
			A	
		Fuse class		RK5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°Č	70
	Storogo tomporcture	IIIdA	0	10
	Storage temperature		• •	
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protect	ction			
Pollution degree				3
Dimensions				
Dimensions				





Wiring diagrams



Certifications and compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-54
	UL 60947-1
	UL 60947-4-1
Certificates	



cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching