

DPBF3200A57560

THREE-POLE CONTACTOR, FLA 50A, AC COIL 60HZ, 575VAC

Product designation Product type designation			Power contactor DPBF32
Contact characteristics			
Number of poles		Nr.	3
Operational frequency			
	min	Hz	25
	max	Hz	400
Mechanical features			
Operating position			
	normal		Vertical plan ±30°
	allowable		±30 Screw / DIN rail
Fixing			35mm
Weight		g	414
Operations		9	
Mechanical life		cycles	2000000
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	575
AC operating voltage			
of 60Hz coil powered at 60Hz pick-up			
μιακ-αρ	min	%Us	80
	max	%Us	110
drop-out	inex.	/000	
	min	%Us	20
	max	%Us	55
AC average coil consumption at 20°C			
of 60Hz coil powered at 60Hz			
	in-rush	VA	75
	holding	VA	9
Dissipation at holding ≤20°C 50Hz		W	2.5
Max cycles frequency			
Mechanical operation		cycles/h	3600
Operating times			
Average time for Us control in AC			
IN AC Closing NO			
	min	ms	8
	max	ms	24
Opening NO	max		
	min	ms	5
	max	ms	15
Closing NC			
•	min	ms	9
Opening NC	max	ms	20

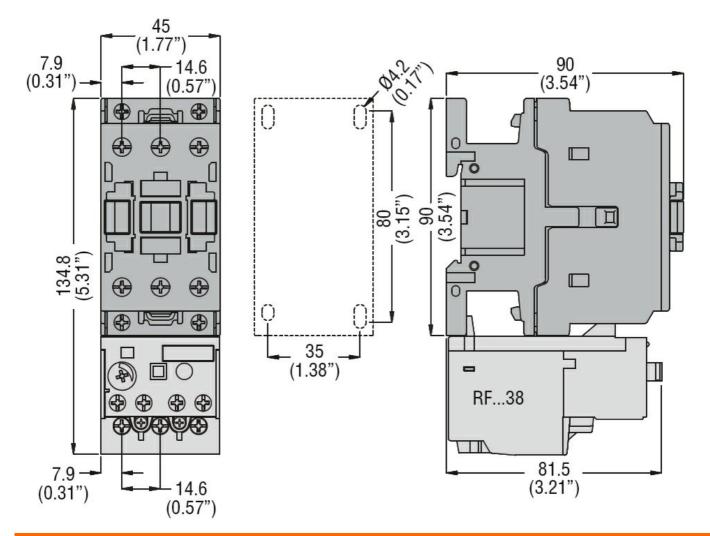
DPBF3200A57560 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



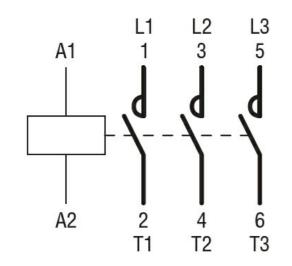
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		min	ms	9
		max	ms	17
UL technical data				
Full-load current (FL	A) for three-phase AC motor			
		at 600V	А	50
Locked rotor current	(LRA)		А	300
Yielded mechanical	performance			
	for single-phase AC motor			
		110/120V	HP	3
		230V	HP	10
	for three-phase AC motor			-
	F	200/208V	HP	15
		220/230V	HP	15
		460/480V	HP	30
		575/600V	HP	40
General USE		010,0001		10
	Contactor			
	Contactor	AC current	А	55
Chart airquit protecti	a_{1} fuer 6001/	AC cullent	A	55
Short-circuit protection				
	Standard fault			-
		Short circuit current	kA	5
		Fuse rating	А	150
		Fuse class		RK5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protec	tion			
Pollution degree				3
Dimensions				





Wiring diagrams



Certifications and compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-58
	UL 60947-1
	UL 60947-4-1
Certificates	



cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching