

DPBF3200A23060

THREE-POLE CONTACTOR, FLA 50A, AC COIL 60HZ, 230VAC

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			Mantinal alay
	normal		Vertical plan ±30°
	allowable		±30 Screw / DIN rail
Fixing			35mm
Weight		g	422
Operations		y	422
Mechanical life		cycles	20000000
Electrical life		cycles	1600000
Safety related data		0,0100	
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	230
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			
	in-rush	VA	75
Discinction at helding <20% CE011	holding	VA	9
Dissipation at holding ≤20°C 50Hz		W	2.5
Max cycles frequency		ovoloo/h	2600
Mechanical operation Operating times		cycles/h	3000
Average time for Us control			
in AC			
Closing NO	min	ms	8
Closing NO	min max	ms ms	8 24
	min max	ms ms	8 24
Closing NO Opening NO	max	ms	24
	max	ms ms	24 5
Opening NO	max	ms	24
	max	ms ms	24 5
Opening NO	max min max	ms ms ms	24 5 15

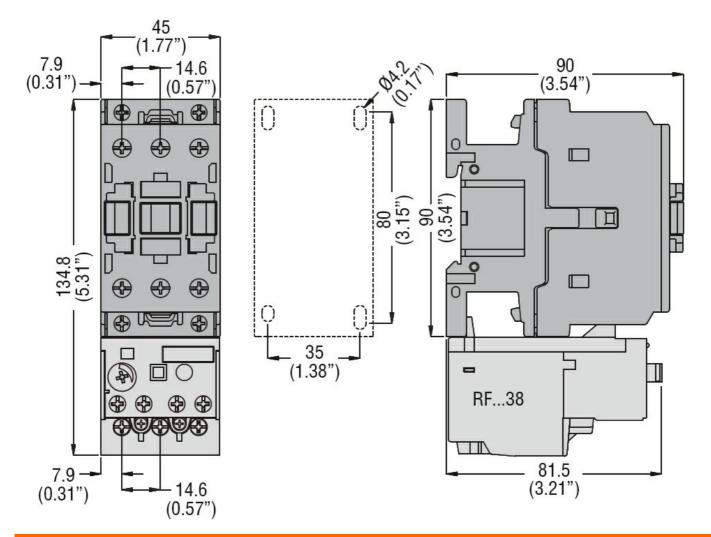
DPBF3200A23060 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



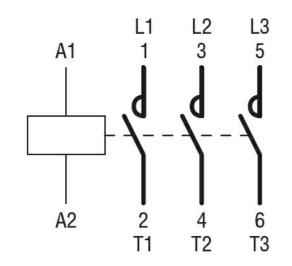
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	_		_
	min	ms	9
	max	ms	17
UL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 600V	А	50
Locked rotor current (LRA)		А	300
Yielded mechanical performance			
for single-phase AC motor			
tor single phase no motor	110/120V	HP	3
	230V	HP	10
for three phase AC motor	230 V		10
for three-phase AC motor	000/000)/		45
	200/208V	HP	15
	220/230V	HP	15
	460/480V	HP	30
	575/600V	HP	40
General USE			
Contactor			
	AC current	А	55
Short-circuit protection fuse, 600V			
Standard fault			
	Short circuit current	kA	5
	Fuse rating	А	150
	Fuse class		RK5
Ambient conditions			
Temperature			
Operating temperature			
Operating temperature	min	°C	-50
		°C	-50 70
Charage to manage to the	max	U	10
Storage temperature		• ~	<u></u>
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			





Wiring diagrams



Certifications and compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-56
	UL 60947-1
	UL 60947-4-1
Certificates	



cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching