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Product designation			Power contactor
Product type designation			DPBF12
Contact characteristics			-
Number of poles		Nr.	3
Operational frequency			
	min	Hz	25
	max	Hz	400
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
Fixing			Screw / DIN rail 35mm
Weight		g	360
Operations			
Mechanical life		cycles	2000000
Electrical life		cycles	2000000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	2000000
	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			
	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			
-	min		8

DPBF1210A02460 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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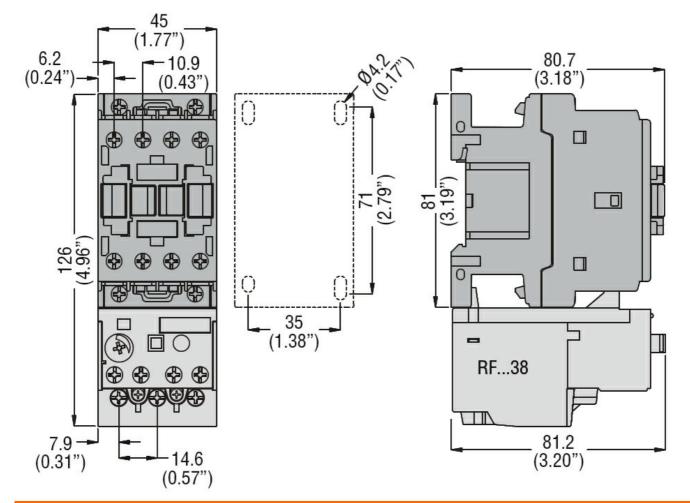


THREE-POLE CONTACTOR, FLA 25A, AC COIL 60HZ, 24VAC, 1NO AUXILIARY CONTACT

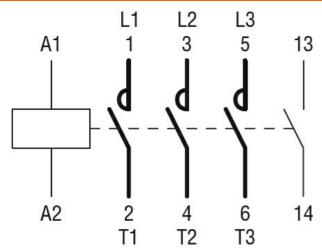
		max	ms	24
	Opening NO			
		min	ms	10
		max	ms	20
	Closing NC			
		min	ms	14
		max	ms	28
	Opening NC			
		min	ms	7
		max	ms	18
UL technical data				
Full-load current (FL	A) for three-phase AC motor			
		at 600V	А	25
Locked rotor current	(LRA)		А	150
Yielded mechanical	performance			
	for single-phase AC motor			
		110/120V	HP	2
		230V	HP	3
	for three-phase AC motor			
		200/208V	HP	5
		220/230V	HP	5
		460/480V	HP	10
		575/600V	HP	15
General USE				
	Contactor			
		AC current	А	28
	Auxiliary contacts			
	· ··········	AC voltage	V	600
		AC current	А	10
		DC voltage	V	250
		DC current	A	1
Short-circuit protection	on fuse. 600V	2000.011		
p. 0.000	Standard fault			
		Short circuit current	kA	5
		Fuse rating	A	80
		Fuse class		RK5
Contact rating of aux	iliary contacts according to UL	1 400 01400		A600 - P600
Ambient conditions				
Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-50
		max	°C	-30 70
	Storage temperature	IIIdX	0	10
	olorage lemperature	min	°C	-60
		min	С О°	-60 80
Mox officials		max		
Max altitude	tion		m	3000
Resistance & Protec				2
Pollution degree				3
Dimensions				



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Wiring diagrams



Certifications and compliance Compliance CSA C22.2 n° 60947-1 CSA C22.2 n° 60947-4-22 UL 60947-1 UL 60947-1 UL 60947-4-1 Certificates cULus ETIM classification ETIM classification



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ETIM 8.0

EC000066 -Power contactor, AC switching