

Product designation				Power contactor
Product type designation				DPBF18
Contact characteristics				
Number of poles			Nr.	4
Operational frequency				
		min	Hz	25
		max	Hz	400
Mechanical features		Шах	1 12	400
Operating position				
Operating position		normal		Vortical plan
		allowable		Vertical plan ±30°
		allowable		
Fixing				Screw / DIN rail
				35mm
Weight			g	366
Operations				
Mechanical life			cycles	2000000
Electrical life			cycles	1600000
Safety related data	-			
Performance level B10d according to EN/IS	SO 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 powere	d 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 powere	d at 60Hz			
		in-rush	VA	75
		holding	VA VA	9
Dissipation at holding ≤20°C 50Hz		noiding	 W	2.5
			VV	2.0
Max cycles frequency				2000
Mechanical operation			cycles/h	3600
Operating times				
Average time for Us control				
in AC				
	Closing NO			
		min	ms	8

DPBF18T4A02460 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

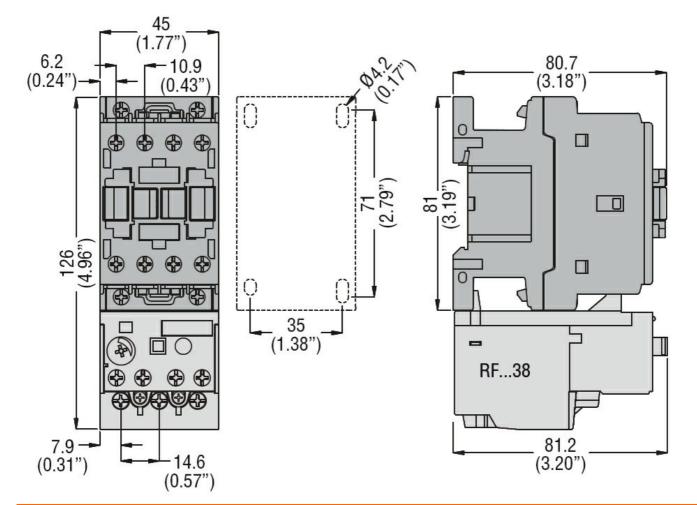


Dimensions

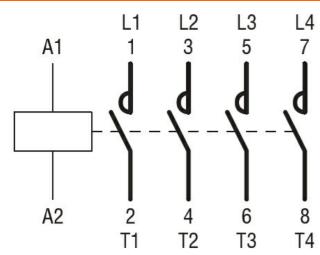
DPBF18T4A02460 FOUR-POLE CONTACTOR, GENERAL USE 32A, AC COIL 60HZ, 24VAC

	max	ms	24
Opening NO			
	min	ms	10
	max	ms	20
Closing NC			
	min	ms	14
			28
On an ing NC	max	ms	20
Opening NC			_
	min	ms	7
	max	ms	18
UL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 600V	А	30
Locked rotor current (LRA)		А	180
Yielded mechanical performance			
for single-phase AC motor			
ior single-phase Ao motor	110/120V	HP	2
	230V	HP	5
for three-phase AC motor			
	200/208V	HP	7.5
	220/230V	HP	7.5
	460/480V	HP	15
	575/600V	HP	20
General USE			
Contactor			
	AC current	А	32
Short-circuit protection fuse, 600V		7.	02
Standard fault			-
	Short circuit current	kA	5
	Fuse rating	A	100
	Fuse class		RK5
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-50
	max	°C	70
Storage temperature			
	min	°C	-60
	max	°Č	80
Max altitude	Πάλ		3000
		m	3000
Resistance & Protection			
Pollution degree			3





Wiring diagrams



Certifications and compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-40
	UL 60947-1
	UL 60947-4-1
Certificates	
	cULus
ETIM classification	



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ETIM 8.0

EC000066 -Power contactor, AC switching