

DPBF8000A12060

THREE-POLE CONTACTOR, FLA 80A, AC COIL 60HZ, 120VAC

Product designation Product type designation			Power contactor DPBF80
Contact characteristics			
Number of poles		Nr.	3
Operational frequency			
	min	Hz	25
Mashawing factures	max	Hz	400
Mechanical features Operating position			
Operating position	normal		Vertical plan
	allowable		±30°
	anowabic		Screw / DIN rail
Fixing			35mm
Weight		g	1020
Operations		Ű	
Mechanical life		cycles	15000000
Electrical life		cycles	1300000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	1300000
	mechanical load	cycles	15000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating		V	120
Rated AC voltage at 60Hz AC operating voltage		v	120
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 50/60Hz coil powered at 50Hz			
	in-rush	VA	30
	holding	VA	4
of 50/60Hz coil powered at 60Hz	in-rush	VA	25
	holding	VA VA	3
of 60Hz coil powered at 60Hz	noiding	٧A	<u> </u>
	in-rush	VA	210
	holding	VA	15
Dissipation at holding ≤20°C 50Hz		W	5
Max cycles frequency			
Mechanical operation		cycles/h	3600
Operating times			
Average time for Us control			
in AC			
Closing NO			
	min	ms	12
Opening NO	max	ms	28
Upening NO			

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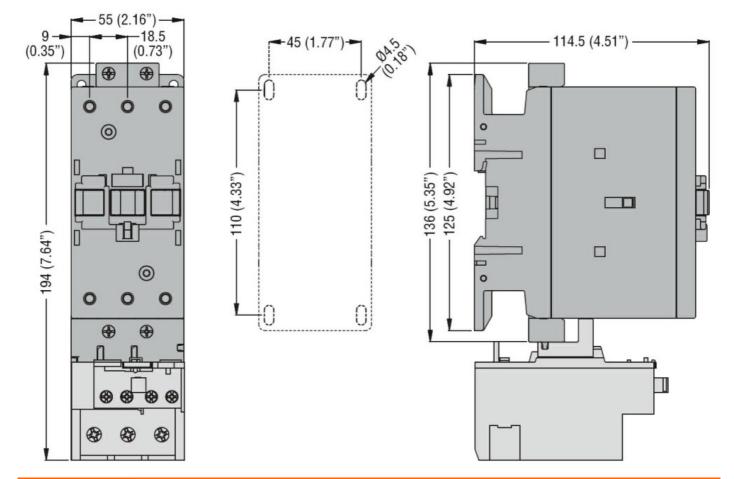


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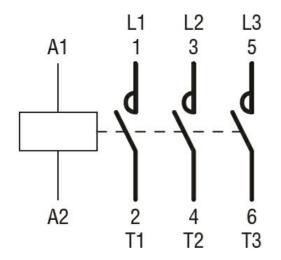
			min	ms	8
			max	ms	22
		Closing NC			
			min	ms	0
			max	ms	0
		Opening NC			
			min	ms	0
	in DC				
		Closing NO			
		g	min	ms	40
			max	ms	85
		Opening NO	max	mo	00
			min	ms	20
					55
UL technical data			max	ms	JU
Full-load current (FL	A) for three phase	AC motor			
Full-Ioad current (FL	A) for three-phase	AC MOIOI		٨	0.0
			at 600V	<u>A</u>	80
Locked rotor current	(LRA)			Α	480
General USE	_				
	Contactor				
			AC current	A	115
Short-circuit protecti					
	High fault				
			Short circuit current	kA	100
			Fuse rating	А	200
			Fuse class		J
	Standard fault				
			Short circuit current	kA	10
			Fuse rating	А	200
			Fuse class		RK5
Ambient conditions					
Temperature					
	Operating temp	perature			
			min	°C	-50
			max	°C	70
	Storage tempe	rature	max	Ŭ	. •
	otorage tempe		min	°C	-60
			max	°C	80
Max altitude			IIIdA	 	3000
Resistance & Protect	ction			111	5000
					3
Pollution degree					ວ
Dimensions					



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Wiring diagrams



Certifications and compliance Compliance CSA C22.2 n° 60947-1 CSA C22.2 n° 60947-4-68 UL 60947-1 UL 60947-4-1 Certificates cULus ETIM classification

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ETIM 8.0

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EC000066 -Power contactor, AC switching