

Product designation			Power contacto
Product type designation			DPBF09
Contact characteristics			
Number of poles		Nr.	3
Operational frequency	_		
	min	Hz	25
	max	Hz	400
Mechanical features			
Operating position			Mantiaalalaa
	normal allowable		Vertical plan ±30°
	allowable		
Fixing			Screw / DIN rail 35mm
Neight		g	350
Operations		Ŭ	
Mechanical life		cycles	20000000
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 50/60Hz		V	415
Rated AC voltage at 60Hz		V	120
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
pick-up		0/11	
	min	%Us	80
dana and	max	%Us	110
drop-out	min	%Us	20
	min	%Us %Us	20 55
of 50/60Hz coil powered at 60Hz	max	/005	55
pick-up			
	min	%Us	85
	max	%Us	110
drop-out			
'	min	%Us	20
	max	%Us	55
of 60Hz coil powered at 60Hz			
pick-up			
	min	%Us	80
	max	%Us	110
drop-out	Пал	/000	

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THREE-POLE CONTACTOR, FLA 20A, AC COIL 50HZ, 415VAC, 1NO AUXILIARY CONTACT

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		min	%Us	20
		max	%Us	20 55
AC average coil co	nsumption at 20°C	Пал	/000	00
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz			
		in-rush	VA	75
		holding	VA	9
Dissipation at holdi	ng ≤20°C 50Hz		W	2.5
Max cycles frequer	псу			
Mechanical operation	on		cycles/h	3600
Operating times				
Average time for U	s control			
	in AC			
	Closing NO			
		min	ms	8
		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	1 A) for three phase AC motor			
Full-load current (F	LA) for three-phase AC motor	at 600)/	۸	20
		at 600V	<u>A</u>	20
Locked rotor currer	• •		A	120
Yielded mechanica	•			
	for single-phase AC motor	440/400\/		4 5
		110/120V 230V	HP HP	1.5
	for three phase AC motor	230 V		3
	for three-phase AC motor	200/2081/	ЦΒ	F
		200/208V 220/230V	HP HP	5 5
		460/480V	HP	5 10
		400/480V 575/600V	HP	15
General USE		375/0004	111	15
	Contactor			
	CUITACIUI	AC current	А	25
	Auxiliary contacts		~	20
	Auxiliary colliders	AC voltage	V	600
		AC voltage	V A	10
		DC voltage	A V	250
		DC voltage DC current	A	1
Short-circuit protec	tion fuse 600V		Λ	<u>г</u>
	Standard fault			
		Chart size it surrant	1. 1	r

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Short circuit current

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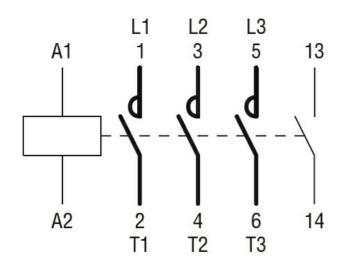


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Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature	Fuse rating Fuse class	A	70 RK5 A600 - P600
	min max	°C ℃	-50 70
Storage temperature	111dX	C	70
Max altitude Resistance & Protection	min max	°C °C m	-60 80 3000
Pollution degree			3
Dimensions			
6.2 (0.24") (0.43") (0.57"))	(3) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	0.7 .18") 	

Wiring diagrams

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Certifications and compliance

Compliance

CSA C22.2 n° 60947-1		
CSA C22.2 n° 60947-4-9		
UL 60947-1		
UL 60947-4-1		

Certificates

cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching