

THREE-POLE CONTACTOR, FLA 80A, AC COIL 60HZ, 24VAC

Product designation Product type designation			Power contactor DPBF65
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	1020
Operations			
Mechanical life		cycles	15000000
Electrical life		cycles	1400000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	1400000
	mechanical load	cycles	15000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			<u>.</u>
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	Παλ	/003	110
	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	3
of 60Hz coil powered at 60Hz			
	in-rush	VA	210
	holding	VA	15
Dissipation at holding ≤20°C 50Hz		W	5
Max cycles frequency			2000
Mechanical operation		cycles/h	3600
Operating times			
Average time for Us control			
in AC			
Closing NO	min	me	12
	min max	ms ms	28
		1113	<u>_</u> U
Opening NO	Пах		

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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			
		J	min	ms	40
			max	ms	85
		Opening NO	max	me	
		oponing 10	min	ms	20
			max	ms	55
UL technical data				1115	
Full-load current (FL	(A) for three phase A	C motor			
			at 600V	٨	80
			at 600 v	A A	480
Locked rotor current	(LRA)			A	480
General USE					
	Contactor				100
			AC current	A	100
Short-circuit protection					
	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 tempe	erature			
	1 3 4 4 4		min	°C	-50
			max	°Č	70
	Storage tempera	ature	max		- •
	eterage temport		min	°C	-60
			max	°C	80
Max altitude			max	 	3000
Resistance & Protec	tion			111	
					3
Pollution degree Dimensions					ა
Dimensions					

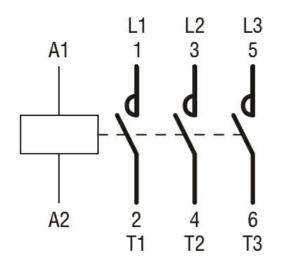


55 (2.16") 9 ---(0.35") 18.5 - 114.5 (4.51") +45 (1.77' 04.8 (0.73")• • 0 0 0 0 0 -136 (5.35") -125 (4.92") 110 (4.33") Π 194 (7.64") 0 0 0 0 0 0 $\frac{10}{10}$ • • Π

Wiring diagrams

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Certifications and compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-64
	UL 60947-1
	UL 60947-4-1
Certificates	
	cULus
ETIM classification	

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EC000066 -Power contactor, AC switching