

ENERGY AND AUTOMATION

Product designation Product type designation				Power contactor DPBF65
Contact characteristics Number of poles			Nr.	3
Operational frequency		min max	Hz Hz	25 400
Mechanical features				
Operating position		normal allowable		Vertical plan ±30°
Fixing				Screw / DIN rail 35mm
Weight Operations			g	1020
Mechanical life			cycles	15000000
Electrical life			cycles	1400000
Safety related data	od according to FN/ICO 42400 4			
Performance level BTC	od according to EN/ISO 13489-1	rated load	cycles	1400000
Mirror contato accordin	on to IEC/EN 600474 4 4	mechanical load	cycles	15000000
EMC compatibility	ng to IEC/EN 609474-4-1			yes
AC coil operating				yes
Rated AC voltage at 50)/60Hz		V	24
Rated AC voltage at 60)Hz		V	230
AC operating voltage				
	of 50/60Hz coil powered at 50Hz pick-up			
		min	%Us	75
		max	%Us	115
	drop-out	_		
		min	%Us	20
	- (50/00LL 'l L - (00LL	max	%Us	55
	of 50/60Hz coil powered at 60Hz pick-up			
	ріск-ир	min	%Us	80
		max	%Us	115
	drop-out	max	7000	110
	·	min	%Us	20
		max	%Us	55
	of 60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out	min	%Us	20
		min max	%Us	55
AC average coil consu	mption at 20°C	IIIdX	/003	
	of 50/60Hz coil powered at 50Hz			
	•	in-rush	VA	30
		holding	VA	4
	of 50/60Hz coil powered at 60Hz			



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			in-rush	VA	25
			holding	VA	3
	of 60Hz coil powered a	it 60Hz	noiding	V/ (
	01 001 12 0011 powerou a	001 12	in-rush	VA	210
			holding	VA	15
Dissipation at holding ≤	20°C 50Hz		<u> </u>	W	5
Max cycles frequency					
Mechanical operation				cycles/h	3600
Operating times					
Average time for Us co					
	in AC				
		Closing NO			
			min	ms	12
		On an in a NO	max	ms	28
		Opening NO	min	me	8
			min max	ms ms	22
		Closing NC	Παλ	1113	22
		Closing 140	min	ms	0
			max	ms	0
		Opening NC			
			min	ms	0
	in DC				
		Closing NO			
			min	ms	40
			max	ms	85
		Opening NO			
			min	ms	20
III taabalaalalata			max	ms	55
UL technical data	for three phase AC mot	or.			
ruii-ioad current (FLA)	for three-phase AC mot	OI .	at 600V	Α	80
Locked rotor current (L	RΔ\		at 000 v	A	480
General USE	INA)				400
General GGL	Contactor				
	Contactor		AC current	Α	100
Short-circuit protection	fuse, 600V				
'	High fault				
	,		Short circuit current	kA	100
			Fuse rating	Α	200
			Fuse class		J
	Standard fault				
			Short circuit current	kA	10
			Fuse rating	Α	200
A solitored and the solitored			Fuse class		RK5
Ambient conditions					
Temperature	Operating tomporature				
	Operating temperature		min	°C	-50
			max	°C	70
	Storage temperature		illax		7.0
	Ciorago temperature		min	°C	-60
			max	°C	80
Max altitude				m	3000

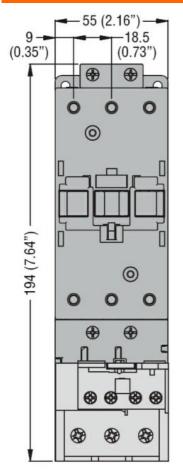


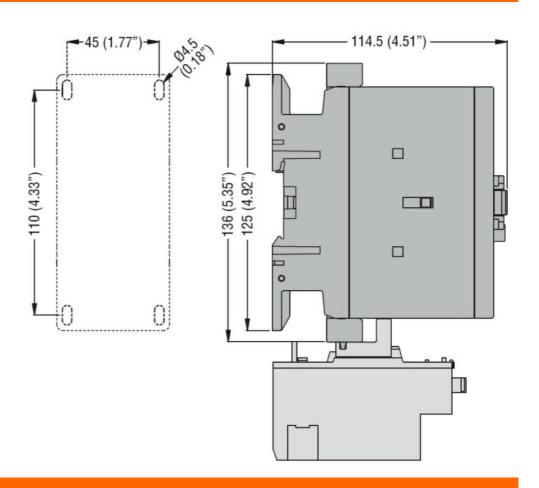
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Resistance & Protection

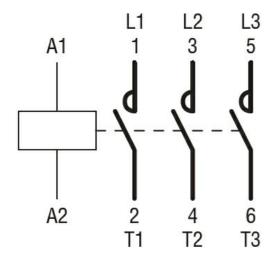
Pollution degree 3

Dimensions





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-66

UL 60947-1

UL 60947-4-1

Certificates





THREE-POLE CONTACTOR, FLA 80A, AC COIL 60HZ, 230VAC

cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching