

ENERGY AND AUTOMATION

Product designation Product type designation				Power contactor DPBF80
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			g	1020
Operations				4.700000
Mechanical life			cycles	15000000
Electrical life Safety related data			cycles	1300000
•	Od according to EN/ISO 13489-1			
		rated load mechanical load	cycles cycles	1300000 15000000
Mirror contats according	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 60)Hz		V	230
AC operating voltage				
	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 consu	•			
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	30
	of 50/60Hz coil powered at 60Hz	holding	VA	4
	oi 50/001 iz coii powereu at 00Hz	in-rush	VA	25
		holding	VA	3
	of 60Hz coil powered at 60Hz	<u> </u>		
		in-rush	VA	210
		holding	VA	15
Dissipation at holding	≤20°C 50Hz		W	5
Max cycles frequency			ovaloo/b	2600
Mechanical operation Operating times			cycles/h	3000
Average time for Us co	ontrol			
, orago amo for 03 oc	in AC			
	Closing NO			
	S	min	ms	12
		max	ms	28
	Opening NO			
The characte	ristics described in this decument are subject to undates or medificati	ions at any time. The descriptiv	one tochnical	and



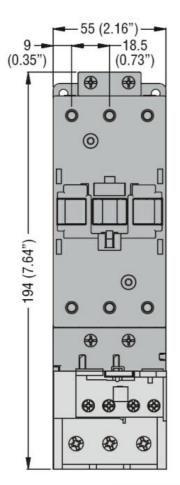


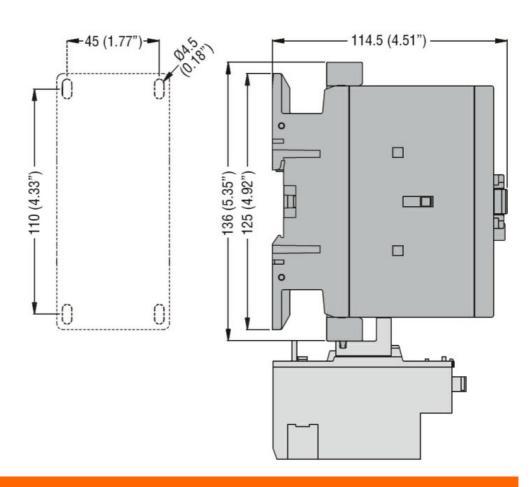


			min	ms	8			
			max	ms	22			
		Closing NC						
			min	ms	0			
			max	ms	0			
		Opening NC						
			min	ms	0			
	in DC							
		Closing NO			40			
			min	ms	40			
		On anima NO	max	ms	85			
		Opening NO			00			
			min	ms	20			
III tochnical data			max	ms	55			
UL technical data Full-load current (FLA) for three-phase AC motor								
ruii-ioau curierii (FLA)	ioi ililee-pilase AC moi	Oi	at 600V	Α	80			
Locked rotor current (L	RΔ\		at 000 v	A	480			
General USE	ivi				+00			
Ochciai OOL	Contactor							
	Contactor		AC current	Α	115			
Short-circuit protection	fuse 600V		710 00110111	- , ,				
Chart and an protoculon	High fault							
	9		Short circuit current	kA	100			
			Fuse rating	Α	200			
			Fuse class		J			
	Standard fault							
			Short circuit current	kA	10			
			Fuse rating	Α	200			
			Fuse class		RK5			
Ambient conditions								
Temperature								
	Operating temperature							
			min	°C	-50			
			max	°C	70			
	Storage temperature							
			min	°C	-60			
			max	°C	80			
Max altitude				m	3000			
Resistance & Protection	n							
Pollution degree					3			
Dimensions								

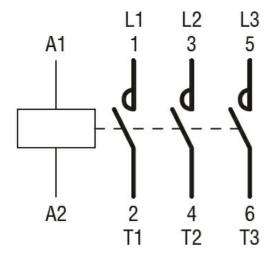


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Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-69

UL 60947-1

UL 60947-4-1

Certificates

cULus

ETIM classification



DPBF8000A23060

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

ETIM 8.0

EC000066 -Power contactor, AC switching