

THREE-POLE CONTACTOR, FLA 25A, AC COIL 60HZ, 230VAC, 1NC AUXILIARY CONTACT



Product designation	ii an			Power contactor
Product type designate Contact characteristic				DPBG12
Number of poles	3		Nr.	3
Operational frequency	ı		141.	
operational frequency	•	min	Hz	25
		max	Hz	400
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	184
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	500000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1			
		rated load	cycles	500000
		mechanical load	cycles	20000000
	ing to IEC/EN 609474-4-1			yes
EMC compatibility				VAC
				yes
AC coil operating	2011-		V	
AC coil operating Rated AC voltage at 6	60Hz		V	230
AC coil operating			V	
AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz		V	
AC coil operating Rated AC voltage at 6		min	<u> </u>	230
AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz	min max	%Us	230 75
AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up	min max	<u> </u>	230
AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz	max	%Us %Us	230 75 115
AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up		%Us	230 75
AC coil operating Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up drop-out	max min	%Us %Us %Us	230 75 115 20
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max min	%Us %Us %Us	230 75 115 20
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C	max min	%Us %Us %Us	230 75 115 20
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C	max min max	%Us %Us %Us %Us	230 75 115 20 55
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C	max min max in-rush	%Us %Us %Us %Us	230 75 115 20 55 30 4
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz	max min max in-rush holding in-rush	%Us %Us %Us %Us VA	230 75 115 20 55 30 4
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz	max min max in-rush holding	%Us %Us %Us %Us VA	230 75 115 20 55 30 4
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz	max min max in-rush holding in-rush holding	%Us %Us %Us %Us VA VA	230 75 115 20 55 30 4 25 3
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA	230 75 115 20 55 30 4 25 3 30
AC coil operating Rated AC voltage at 6 AC operating voltage AC average coil cons	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding	%Us %Us %Us %Us VA VA VA	230 75 115 20 55 30 4 25 3 30 4
AC coil operating Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA	230 75 115 20 55 30 4 25 3 30



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lechanical operatio	n			cycles/h	3600
perating times					
verage time for Us					
	in AC	Closing NO			
		Closing NO	min	ms	12
			max	ms	21
		Opening NO			
		, ,	min	ms	9
			max	ms	18
		Closing NC			
			min	ms	17
			max	ms	26
		Opening NC			-
			min	ms	7
	in DC		max	ms	17
	טט ווו	Closing NO			
		Closing NO	min	ms	18
			max	ms	25
		Opening NO		•	
		, ,	min	ms	2
			max	ms	3
		Closing NC			
			min	ms	3
			max	ms	5
		Opening NC			4.4
			min	ms	11 17
JL technical data			max	ms	17
	A) for three-phase A	C motor			
(· _	,		at 480V	Α	11
			at 600V	Α	11
ielded mechanical	performance				
	for single-phase	AC motor			
			110/120V	HP	0.5
			230V	HP	1.5
	for three-phase	AC motor			
			200/208V	HP	3
			220/230V	HP	3
			460/480V	HP HP	7.5
General USE			575/600V	חר	10
Joheral USE	Contactor				
	Contactor		AC current	Α	20
Short-circuit protecti	on fuse. 600V		7.0 outfolk	/ \	
on oan protooti	Standard fault				
			Short circuit current	kA	5
			Fuse rating	A	30
			Fuse class		RK5
Contact rating of aux	diliary contacts accor	ding to UL			A600 - Q600
Ambient conditions					
emperature					

Operating temperature



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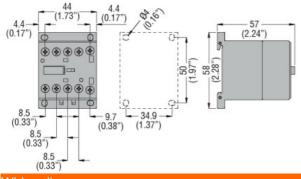
	min	°C	-50
	max	°C	+70
Storage temperature			
	min	°C	-60
	max	°C	+80
Max altitude		m	3000
Designation 9 Destaction			

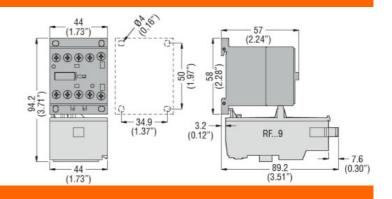
Resistance & Protection

Pollution degree

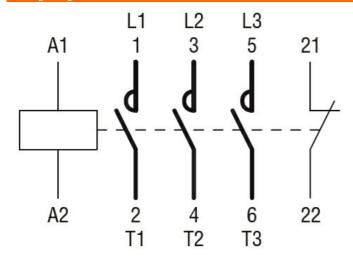
3

Dimensions





Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-73

UL 60947-1

UL 60947-4-1

Certificates

cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching