



THREE-POLE CONTACTOR, FLA 25A, AC COIL 60HZ, 230VAC, 1NO AUXILIARY CONTACT

Product designation				Auxiliary
_				contactor
Product type designation Contact characteristics				DPBG12
Number of poles			Nr.	3
Operational frequency			INI.	
operational inequency		min	Hz	25
		max	Hz	400
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30° Screw / DIN rail
Fixing				35mm
Weight			g	200
Operations			9	200
Mechanical life			cycles	20000000
Electrical life			cycles	500000
Safety related data				
Performance level B10	od according to EN/ISO 13489-1			
		rated load	cycles	500000
N.4"	1 IFO/FN 000 474 4 4	mechanical load	cycles	20000000
	ng to IEC/EN 609474-4-1			YES
EMC compatibility AC coil operating				YES
Rated AC voltage at 60	NH7		V	230
AC operating voltage	5112		•	200
r re speramig remage	of 60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	75
		max	%Us	115
	drop-out		0/11	
		min	%Us	20
AC average coil consu	motion at 20°C	max	%Us	55
AC average con consu	of 50/60Hz coil powered at 50Hz			
	01 30/00112 con powered at 30112	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	30
Dissipation at holding	<20°C 50H ₇	holding	VA W	0.9
Max cycles frequency			V V	0.0
Mechanical operation			cycles/h	3600
Operating times			y	
Average time for Us co	ontrol			
	in AC			
	Closing NO			
		min	ms	12
		max	ms	21





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		Onanina NO			
		Opening NO	min	mo	9
				ms	18
		Closing NC	max	ms	10
		Closing NC	min	ms	17
			max	ms	26
		Opening NC	Παλ	1113	20
		Opening NO	min	ms	7
			max	ms	, 17
	in DC		παχ	1113	
	111 00	Closing NO			
		Globing IVO	min	ms	18
			max	ms	25
		Opening NO	παχ	1113	20
		Opening NO	min	ms	2
			max	ms	3
		Closing NC	max	1110	· ·
		Glooming 110	min	ms	3
			max	ms	5
		Opening NC	max	1110	· ·
		oponing i to	min	ms	11
			max	ms	17
UL technical data			111601		
Full-load current (FLA)	for three-phase A	C motor			
,	,		at 480V	Α	11
			at 600V	Α	11
Locked rotor current (L	_RA)			Α	84
Yielded mechanical pe					
	for single-phase	AC motor			
	for single-phase	AC motor	110/120V	HP	0.5
	for single-phase	AC motor	110/120V 230V	HP HP	0.5 1.5
	for single-phase				
			230V 200/208V	HP HP	1.5
			230V	HP	1.5
			230V 200/208V 220/230V	HP HP HP	3 3
General USE			230V 200/208V 220/230V 460/480V	HP HP HP	1.5 3 3 7.5
General USE			230V 200/208V 220/230V 460/480V	HP HP HP	1.5 3 3 7.5
General USE	for three-phase A		230V 200/208V 220/230V 460/480V	HP HP HP	1.5 3 3 7.5
	for three-phase A		230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP	1.5 3 3 7.5 10
General USE Short-circuit protection	for three-phase A		230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP	1.5 3 3 7.5 10
	for three-phase A Contactor fuse, 600V		230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP	1.5 3 3 7.5 10
	for three-phase A Contactor fuse, 600V		230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP	1.5 3 3 7.5 10
	for three-phase A Contactor fuse, 600V		230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP	1.5 3 3 7.5 10 20
	for three-phase A Contactor fuse, 600V		230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating	HP HP HP HP	1.5 3 3 7.5 10 20 100 30
	for three-phase A Contactor fuse, 600V High fault		230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating	HP HP HP HP	1.5 3 3 7.5 10 20 100 30
	for three-phase A Contactor fuse, 600V High fault		230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class	HP HP HP HP	1.5 3 3 7.5 10 20 100 30 J
	for three-phase A Contactor fuse, 600V High fault		230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current	HP HP HP HP	1.5 3 3 7.5 10 20 100 30 J
	for three-phase A Contactor fuse, 600V High fault Standard fault	AC motor	230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current Fuse rating	HP HP HP HP	1.5 3 3 7.5 10 20 100 30 J
Short-circuit protection	for three-phase A Contactor fuse, 600V High fault Standard fault	AC motor	230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current Fuse rating	HP HP HP HP	1.5 3 3 7.5 10 20 100 30 J 5 30 RK5
Short-circuit protection Contact rating of auxilia	for three-phase A Contactor fuse, 600V High fault Standard fault	AC motor	230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current Fuse rating	HP HP HP HP	1.5 3 3 7.5 10 20 100 30 J 5 30 RK5
Short-circuit protection Contact rating of auxilia Ambient conditions	for three-phase A Contactor fuse, 600V High fault Standard fault	ling to UL	230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current Fuse rating	HP HP HP HP	1.5 3 3 7.5 10 20 100 30 J 5 30 RK5
Short-circuit protection Contact rating of auxilia Ambient conditions	Contactor fuse, 600V High fault Standard fault	ling to UL	230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current Fuse rating	HP HP HP HP A kA A	1.5 3 3 7.5 10 20 100 30 J 5 30 RK5
Short-circuit protection Contact rating of auxilia Ambient conditions	Contactor fuse, 600V High fault Standard fault	ling to UL	230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current Fuse rating Fuse class Short circuit current Fuse rating Fuse class	HP HP HP A kA A	1.5 3 3 7.5 10 20 100 30 J 5 30 RK5 A600 - Q600

3



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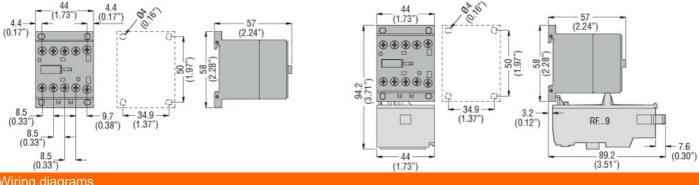
Storage temperature			
	min	°C	-60
	max	°C	+80
		m	3000

Resistance & Protection

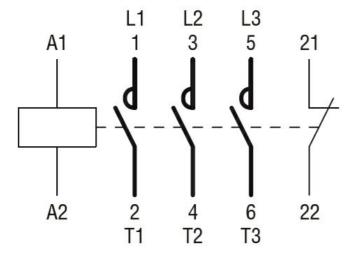
Pollution degree

Dimensions

Max altitude



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-79

UL 60947-1

UL 60947-4-1

Certificates

cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching