



THREE-POLE CONTACTOR, FLA 25A, AC COIL 60HZ, 24VAC, 1NO AUXILIARY CONTACT

Product designation				Auxiliary
_				contactor
Product type designati Contact characteristics				DPBG12
Number of poles	,		Nr.	3
Operational frequency			INI.	
oporational froquency		min	Hz	25
		max	Hz	400
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 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
	100	mechanical load	cycles	20000000
	ng to IEC/EN 609474-4-1			YES
EMC compatibility AC coil operating				YES
Rated AC voltage at 60	OHz		V	24
AC operating voltage	J1 12		V	
7.0 operating vertage	of 60Hz coil powered at 60Hz			
	pick-up			
	·	min	%Us	75
		max	%Us	115
	drop-out			
		min	%Us	20
AC average coil consu	imption at 20°C	max	%Us	55
AC average con consu	of 50/60Hz coil powered at 50Hz			
	or 30/00112 con powered at 30112	in-rush	VA	30
		holding	VA	4
	of 50/60Hz coil powered at 60Hz	<u> </u>		
		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	-20 O JULIZ		V V	U. 3
Mechanical operation			cycles/h	3600
Operating times			.,	
Average time for Us co	ontrol			
	in AC			
	Closing NO			
		min	ms	12
		max	ms	21





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Max		Opening NO			
Closing NC		Sporming 113	min	ms	9
Closing NC					
Min		Closing NC	-		-
Opening NC		3	min	ms	17
Opening NC					
Max		Opening NC			
In DC		-1- 3	min	ms	7
No C No C					
Closing NO		in DC			
Min					
Max		ŭ	min	ms	18
Opening NO					
Min		Opening NO			
Closing NC			min	ms	2
Closing NC					
Min max ms 3 max ms 5		Closing NC			
Opening NC		3	min	ms	3
Opening NC					
Min max Min ms 11 max 17 ms 18 ms		Opening NC		-	
Max		-1-3	min	ms	11
UL technical data Full-load current (FLA) for three-phase AC motor					
Full-load current (FLA) for three-phase AC motor at 480V	UL technical data				
At 480V A 11 At 600V A At 600 At 600V At 600V		A) for three-phase AC motor			
A	(,	at 480V	Α	11
Cocked rotor current (LRA)					
Yielded 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 3 220/230V HP 3 460/480V HP 7.5 575/600V HP 10 General USE Contactor AC current A 20 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL A600 - Q600 Ambient conditions Temperature Operating temperature	Locked rotor current	(LRA)			
For single-phase AC motor					
110/120V HP 0.5 230V HP 1.5 1.5 1.5	riolada ilidorialildal p				
230V HP 1.5		tor omgre pridee / to meter	110/120V	HP	0.5
For three-phase AC motor 200/208V					
200/208V		for three-phase AC motor	2001	• • • •	1.0
220/230V		Tot times prides he moter	200/208\/	HP	3
A60/480V HP 7.5 575/600V HP 10 General USE					
S75/600V HP 10					
General USE Contactor AC current A 20 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 30 Fuse rating A 30 Fuse rating A 30 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50					
Contactor AC current A 20 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current KA 5 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50	General LISE		07 07 00 0 V	- ' ''	
AC current	Concial COL	Contactor			
Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50		Johnacion	AC current	Δ	20
High fault Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50	Short-circuit protection	on fuse 600V	AC current		20
Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 30 Fuse rating A 30 Fuse rating A 30 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL A600 - Q600 Ambient conditions Temperature Operating temperature min °C -50	Onon-circuit protection				
Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 30 Fuse rating A 30 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50		i ligit tault	Short circuit current	L۸	100
Standard fault Short circuit current kA 5 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50					
Standard fault Short circuit current kA 5 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50			_	^	
Short circuit current kA 5 Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Adout conditions Temperature Operating temperature min °C -50		Standard fault	i use class		<u> </u>
Fuse rating A 30 Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50		Stanuaru fault	Short circuit current	L۸	5
Fuse class RK5 Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50					
Contact rating of auxiliary contacts according to UL Ambient conditions Temperature Operating temperature min °C -50			-	^	
Ambient conditions Temperature Operating temperature min °C -50	Contact rating of auxi	liany contacts according to LII	i use class		
Temperature Operating temperature min °C -50		mary contacts according to UL			A000 - Q000
Operating temperature min °C -50					
min °C -50	remperature	Operating towns and we			
		Operating temperature		°C	FO
max °C +70					
					+ 10



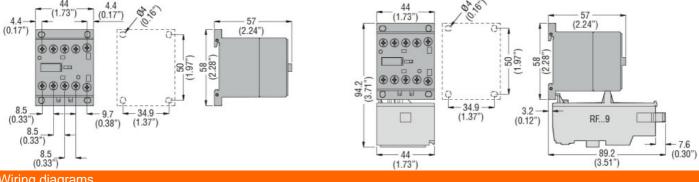
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Storage temperatu	re			
	min	°C	-60	
	max	°C	+80	
Max altitude		m	3000	

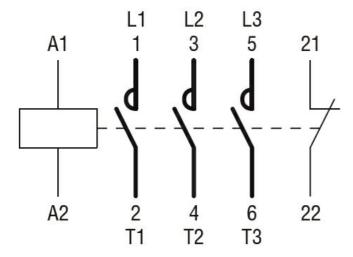
Resistance & Protection

Pollution degree 3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-77

UL 60947-1

UL 60947-4-1

Certificates

cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching