



## THREE-POLE CONTACTOR, FLA 25A, AC COIL 60HZ, 460VAC, 1NO AUXILIARY CONTACT

			Auxiliary
Product designation			contactor
Product type designation			DPBG12
Contact characteristics			•
Number of poles		Nr.	3
Operational frequency	min	LJ	25
	min max	Hz Hz	400
Mechanical features	IIIdA	1 12	400
Operating position			
operaning position	normal		Vertical plan
	allowable		±30°
Eiving			Screw / DIN rail
Fixing			35mm
Weight		g	200
Operations			
Mechanical life		cycles	20000000
Electrical life		cycles	500000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			500000
	rated load mechanical load	cycles	500000
Mirror contats according to IEC/EN 609474-4-1	mechanical load	cycles	20000000 YES
EMC compatibility			YES
AC coil operating			123
Rated AC voltage at 60Hz		V	460
AC operating voltage		<u> </u>	
of 60Hz coil powered at 60Hz			
pick-up			
	min	%Us	75
	max	%Us	115
drop-out			
	min	%Us	20
10 10000	max	%Us	55
AC average coil consumption at 20°C			
of 50/60Hz coil powered at 50Hz	:a.h	١/٨	20
	in-rush holding	VA VA	30 4
of 50/60Hz coil powered at 60Hz	Holding	VA	<u> </u>
or 30/00112 con powered at 00112	in-rush	VA	25
	holding	VA	3
of 60Hz coil powered at 60Hz	<u></u>		
·	in-rush	VA	30
	holding	VA	4
Dissipation at holding ≤20°C 50Hz		W	0.9
Max cycles frequency			
Mechanical operation		cycles/h	3600
Operating times			
Average time for Us control			
in AC			
Closing NO		m -	10
	min max	ms ms	12 21
	IIIdA	1113	





THREE-POLE CONTACTOR, FLA 25A, AC COIL 60HZ, 460VAC, 1NO AUXILIARY CONTACT

		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



THREE-POLE CONTACTOR, FLA 25A, AC COIL 60HZ, 460VAC, 1NO AUXILIARY CONTACT

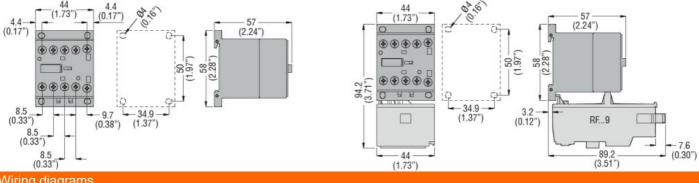
Storage temperature			
	min	°C	-60
	max	°C	+80
		m	3000

## Resistance & Protection

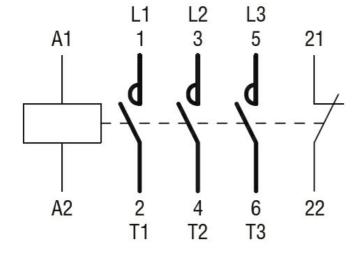
Pollution degree

#### **Dimensions**

Max altitude



## Wiring diagrams



# Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-80

UL 60947-1

UL 60947-4-1

Certificates

cULus

ETIM classification

**ETIM 8.0** 

EC000066 -Power contactor, AC switching