

Product designation			Power contactor
Product type designation			DPBG12
Contact characteristics			
Number of poles		Nr.	3
Operational frequency			
	min	Hz	25
	max	Hz	400
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
			Screw / DIN rail
Fixing			35mm
Weight		g	184
Operations		3	
Mechanical life		cycles	20000000
Electrical life		cycles	500000
Safety related data		0y0lc3	000000
Performance level B10d according to EN/ISO 13489-1			
r chormanice level brod according to Envice 10400 1	rated load	cycles	500000
	mechanical load	cycles	20000000
Mirror contate according to JEC/EN 600474.4.4	mechanicarioad	Cycles	
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			400
Rated AC voltage at 60Hz		V	460
AC operating voltage			
of 60Hz coil powered at 60Hz			
pick-up			
	min	%Us	75
	max	%Us	115
drop-out			
	min	%Us	20
	max	%Us	55
AC average coil consumption at 20°C			
of 50/60Hz coil powered at 50Hz			
	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			20
of 60Hz coil powered at 60Hz	in-rush	VA	30
of 60Hz coil powered at 60Hz		VA VA	30 4
of 60Hz coil powered at 60Hz Dissipation at holding ≤20°C 50Hz	in-rush holding		



Mechanical operation				cycles/h	3600
Operating times Average time for Us co	ntrol				
Average time for 03 co	in AC				
		Closing NO			
		-	min	ms	12
			max	ms	21
		Opening NO			2
			min	ms	9
		Closing NC	max	ms	18
			min	ms	17
			max	ms	26
		Opening NC		-	-
			min	ms	7
			max	ms	17
	in DC				_
		Closing NO	_		
			min	ms	18
			max	ms	25
		Opening NO	min	ms	2
			max	ms	3
		Closing NC	max	mo	0
		g	min	ms	3
			max	ms	5
		Opening NC			
			min	ms	11
			max	ms	17
UL technical data	for three phase AC m	otor			
Full-load current (FLA)	for three-phase AC m	0101	at 480V	А	11
			at 600V	A	11
Locked rotor current (L	RA)		41 000 V	A	84
Yielded mechanical per					
	for single-phase AC	motor			
	U		110/120V	HP	0.5
			230V	HP	1.5
	for three-phase AC r	notor			
			200/208V	HP	3
			220/230V	HP	3
			460/480V	HP HP	7.5 10
General USE			575/600V		10
	Contactor				
	Contactor		AC current	А	20
Short-circuit protection	fuse, 600V				
	High fault				
	-		Short circuit current	kA	100
			Fuse rating	А	30
			Fuse class		J
	Standard fault		-		_
			Short circuit current	kA	5
			Fuse rating	A	30

DPBG1201A46060 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



DPBG1201A46060

THREE-POLE CONTACTOR, FLA 25A, AC COIL 60HZ, 460VAC, 1NC AUXILIARY CONTACT

• • • • •		Fuse class	RK5
	iliary contacts according to UL		A600 - Q600
mbient conditions			
emperature			
	Operating temperature	min °C	-50
		max °C	-50 +70
	Storage temperature	inax 0	110
	Clorage temperature	min °C	-60
		max °C	+80
/lax altitude		m	3000
Resistance & Protec	tion		
Pollution degree			3
Dimensions			
4.4 (0.17") (0.17") (0.17") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33")		$\begin{array}{c} 44 \\ (1.73") \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	RF9 89.2 (3.51")
Viring diagrams			
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		
Certifications and co	mpliance		
Compliance			
	CSA C22.2 n° 60947-1		
	CSA C22.2 n° 60947-4-74		
	UL 60947-1		
Northifi pot	UL 60947-4-1		
Certificates			
TIM classification	cULus		
			EC000066 -
ETIM 8.0			Power contactor AC switching