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	99999

Product designation Product type designation			Power contacto BG09
Contact characteristics			8000
Number of poles		Nr.	4
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			0
	min	Hz	25
		Hz	400
Operational current le	max	ПΖ	400
		۸	20
	AC-1 (≤40°C) AC-1 (≤55°C)	A	18
	AC-1 (≤55 C) AC-1 (≤70°C)	A	15
	· · · · · ·	A	
	AC-3 (≤440V ≤55°C)	A	9
	AC-4 (400V)	A	4
Rated operational power AC-1 (T≤40°C)	0001/	1.147	•
	230V	kW	8
	400V	kW	14
	500V	kW	16
	690V	kW	22
Short-time allowable current for 10s (IEC/EN60947-1)		Α	96
Protection fuse		-	
	gG (IEC)	A	20
	aM (IEC)	A	10
Making capacity (RMS value)		Α	92
Breaking capacity at voltage			
	440V	А	72
	500V	А	72
	690V	Α	72
Resistance per pole (average value)		mΩ	10
Power dissipation per pole (average value)			
	Ith	W	4
	AC-3	W	0.81
Tightening torque for terminals			
	min	Nm	0.8
	max	Nm	1
	min	lbin	9
	max	lbin	9
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	lbin	9
	max	Ibin	9
Max number of wires simultaneously connectable		Nr.	2



	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section			
		min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conduct			
		min	mm²	1.5
		max	mm²	2.5
-	tion according to IEC/EN 60529			IP20 when properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30° Screw / DIN rail
Fixing				35mm
Weight			g	190
Conductor section			-	
	AWG/kcmil conductor section			
A 11		max		12
Auxiliary contact chara			^	10
Thermal current lth Operations			A	10
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	2000000
	ng to IEC/EN 609474-4-1			YES
EMC compatibility AC coil operating				yes
Rated AC voltage at 6	0Hz		V	575
AC operating voltage	01 IE		v	010
	of 60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	75
		max	%Us	115
	drop-out		0/11-	20
		min max	%Us %Us	20 55
AC average coil consu	umption at 20°C	Παλ	/003	00
ge son conto	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
	of 60Hz coil powered at 60Hz	holding	VA	3
	of 60Hz coil powered at 60Hz	in-rush	VA	30
		holding	VA VA	4
		lioiding	•••	•



ENERGY AND AUTOMATION

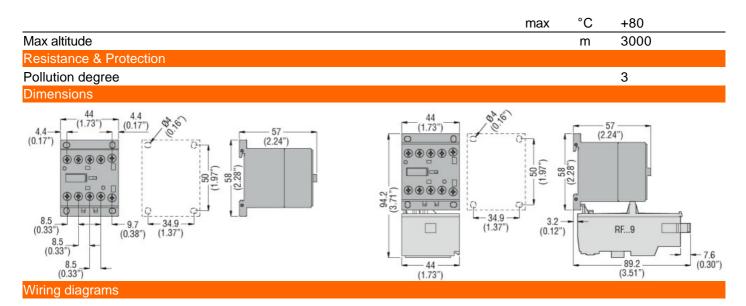
Dissipation at holding	≤20°C 50Hz			W	0.95
Max cycles frequency	/				
Mechanical operation				cycles/h	3600
Operating times					
Average time for Us of					
	in AC				
		Closing NO			
			min	ms	12
			max	ms	21
		Opening NO	min	-	0
			min max	ms	9 18
		Closing NC	Шах	ms	10
			min	ms	17
			max	ms	26
		Opening NC	Пах	mo	20
		eper	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			
			min	ms	3
			max	ms	5
		Opening NC			
			min	ms	11
UL technical data			max	ms	17
Full-load current (FLA	) for three-phase	AC motor			
			at 480V	А	7.6
			at 600V	A	6.1
Yielded mechanical p	erformance		41 000 1	7.	0.1
	for single-phas	e AC motor			
			110/120V	HP	0.5
			230V	HP	1.5
	for three-phase	e AC motor			
	1		200/208V	HP	2
			220/230V	HP	3
			460/480V	HP	5
			575/600V	HP	5
General USE					
	Contactor				
			AC current	А	20
Ambient conditions					
Femperature					
	Operating tem	perature			
			min	°C	-50
			max	°C	+70
	Storage tempe	rature			
			min	°C	-60

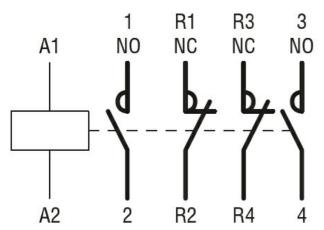
11BG09T2A57560 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



## 11BG09T2A57560

FOUR-POLE CONTACTOR, AC COIL 60HZ, 575VAC, 2NO AND 2NC





## Certifications and compliance

Complia	ance
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Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-1
	IEC/EN 60947-1
	IEC/EN 60947-4-1
	UL 60947-1
	UL 60947-4-1
Certificates	
	CCC
	cULus
	EAC
ETIM classification	

**ETIM 8.0** 

EC000066 -Power contactor, AC switching