



Product designation				Auxiliary
_				contactor
Product type designat				BG00
Contact characteristics	S			4
Number of poles			nr.	4
Rated insulation voltage			V	690
Rated impulse withsta	•		kV	6
Operational frequency	1			
		min	Hz	25
		max	Hz	400
IEC Conventional free	air thermal current Ith		Α	10
Short-time allowable of	current for 10s (IEC/EN60947-1)		Α	0
Protection fuse				_
		gG (IEC)	Α	16
Tightening torque for t	erminals			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.59
		max	lbin	0.74
Tightening torque for o	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbft	0.8
		max	lbft	0.74
Max number of wires	simultaneously connectable	max	nr.	2
Max number of wires simultaneously connectable Conductor section			111.	
Conductor Section	Flexible w/o lug conductor section			
	r lexible worldg conductor section	min	mm²	0.75
			mm²	2.5
	Flovible o/w lug conductor coction	max	111111	2.0
	Flexible c/w lug conductor section	min	mm²	1 E
		min	mm²	1.5
	Florible with insulated and deliver and deliver and deliver	max	mm²	2.5
	Flexible with insulated spade lug conductor section	:	m2	4 E
		min	mm²	1.5
Danier tamain al anata	tion according to IEO/EN 00500	max	mm²	2.5
-	tion according to IEC/EN 60529			IP20 when wired
Mechanical features				
Operating position				e 1 1
		normal		vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight	and the control of th		g	179
Auxiliary contact chara	acteristics			0.110
Type of contact				2 NO + 2 NC



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Thermal current Ith		Α	10
EC/EN 60947-5-1 designation			A600 - Q600
Operating current AC15			
	230V	Α	3
	400V	Α	1.9
	500V	Α	1.4
Operating current DC12			
	110V	Α	2.9
Operating current DC13			
	24V	Α	2.9
	48V	Α	1.4
	60V	Α	1.2
	110V	Α	0.6
	125V	Α	0.55
	220V	A	0.3
	600V	A	0.1
Operations	0001	, , , , , , , , , , , , , , , , , , ,	J
Mechanical life		cycles	20000000
Safety related data		5 y 0103	2000000
Performance level B10d according to EN/ISO 13489-1			
charmance level broa according to Etvide 19403 1	mechanical load	cycles	20000000
Mirror contats according to IEC/EN 609474-4-1	THECHAINCAI IOAU	Cycles	true
EMC compatibility			Yes
			res
AC coil operating			
Rated AC voltage at 50/60Hz, 60Hz			40
	min	V	12
	max	V	575
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
pick-up			
	min	%Us	75
	max	%Us	115
drop-out			
	min	%Us	20
	max	%Us	55
of 50/60Hz coil powered at 60Hz			
pick-up			
	min	%Us	80
	max	%Us	115
drop-out			
	min	%Us	20
	max	%Us	55
AC operating voltage at 20°C			
of 50/60Hz coil powered at 50Hz			
•	in-rush	VA	30
	holding	VA	4
	<u> </u>		
of 50/60Hz coil powered at 60Hz	in-rush	VA	25
of 50/60Hz coil powered at 60Hz	III-luali		
of 50/60Hz coil powered at 60Hz		VA	J
	holding	VA	3
of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz	holding		
		VA VA VA	30 4

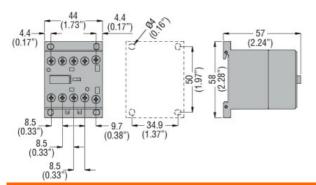


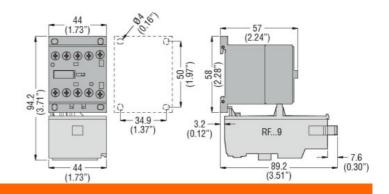
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DC rated control voltage min V 6 max V 250 Average coil consumption ≤20°C in-rush W 3.2 holding W 3.2	DC coil operating				
Mark V 6 Mark V 250 Average coil consumption ≤20°C Average coil consumption ≤20°C Average tequency Mechanical operations	-				
Average coil consumption ≤20°C In-rush W 3.2 Max cycles frequency W Mechanical operations Cycles/h Average time for Us control In AC	•		min	V	6
Max cycles frequency			max	V	250
Max cycles frequency Mechanical operations Cycles/h 3600	Average coil consumption	≤20°C			
Max cycles frequency Cycles/h 3600 Operating times 0 <td></td> <td></td> <td>in-rush</td> <td>W</td> <td>3.2</td>			in-rush	W	3.2
Mechanical operations			holding	W	3.2
Closing NO	Max cycles frequency				
Average time for Us control in AC Closing NO min ms 12 max ms 21				cycles/h	3600
In AC	-				
Closing NO	=				
Opening NO	in				
Opening NO		Closing NO			
Opening NO					
Closing NC			max	ms	21
Closing NC		Opening NO			•
Closing NC					
Opening NC		Olasia - NO	max	ms	18
Opening NC		Closing INC		ma	17
Opening NC					
Min ms 7 ms 17 ms 18 ms 25 m		Opening NC	max	ms	20
Max		Opening NC	min	me	7
Closing NO					
Closing NO	in	DC .	IIIdA	1113	
Max	"11				
Opening NO		Glosning IVO	min	ms	18
Opening NO					
Min ms 2 max ms 3		Opening NO		•	
Closing NC		S Parini g 1 1 2	min	ms	2
Closing NC					
Max altitude		Closing NC			
Opening NC		-	min	ms	3
min ms 11 max ms 17			max	ms	5
Max ms 17		Opening NC			
UL technical data Contact rating of auxiliary contacts according to UL A600 - Q600 Ambient conditions Temperature Min °C -40 max °C 60 Storage temperature Max altitude Max altitude			min	ms	11
Contact rating of auxiliary contacts according to UL A600 - Q600 Ambient conditions Temperature Min °C -40 max °C 60 Storage temperature min °C -55 max °C 70 Max altitude m 3000			max	ms	17
Ambient conditions Temperature Operating temperature min °C -40 max °C 60 Storage temperature min °C -55 max °C 70 Max altitude m 3000					
Operating temperature		contacts according to UL			A600 - Q600
Operating temperature min °C -40 max °C 60 Storage temperature min °C -55 max °C 70 Max altitude m 3000					
min %C -40 max %C 60 Storage temperature min %C -55 max %C 70 Max altitude m 3000	-				
max °C 60 Storage temperature min °C -55 max °C 70 Max altitude m 3000	Op	perating temperature			
Storage temperature min °C -55 max °C 70 Max altitude m 3000					
min °C -55 max °C 70 Max altitude m 3000			max	°C	60
max °C 70 Max altitude m 3000	St	orage temperature		2.2	
Max altitude m 3000					
			max		
Resistance & Protection				m	3000
	Pollution degree				3
	Dimensions				

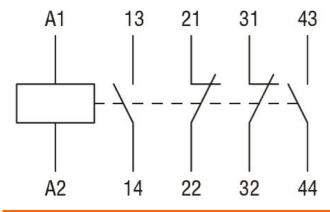


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Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-5-1

IEC/EN 60947-1

IEC/EN 60947-5-1

UL 60947-1

UL 60947-5-1

Certificates

cULus

EAC

ETIM 6 classification

EC000066 - Power contactor, AC switching