



Product designation				Auxiliary
-				contactor
Product type designate			BG00	
Contact characteristic	S Commence of the commence of			
Number of poles			Nr.	4
Rated insulation volta		V	690	
Rated impulse withstand voltage Uimp			kV	6
Operational frequency	y			
		min	Hz	25
		max	Hz	400
IEC Conventional free		Α	10	
Protection fuse				
		gG (IEC)	Α	16
Tightening torque for	terminals			
		min	Nm	0.8
		max	Nm	1
		min	Ibin	9
		max	Ibin	9
Tightening torque for coil terminal				
		min	Nm	0.8
		max	Nm	1
		min	Ibin	9
		max	Ibin	9
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	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 conductor section			
		min	mm²	1.5
		max	mm²	2.5
Power terminal protection according to IEC/EN 60529				IP20 when
	3.10.11 d.300.14.11.19 to 1.2 of 2.11 d.302.5			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight			g	178



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Conductor section				
	AWG/kcmil conductor section			
		max		12
Auxiliary contact chara	acteristics			
Thermal current Ith			Α	10
IEC/EN 60947-5-1 de	-			A600 - Q600
Operating current AC	15			
		230V	Α	3
		400V	Α	1.9
		500V	Α	1.4
Operating current DC	12			
-		110V	Α	2.9
Operating current DC	13			
		24V	Α	2.9
		48V	Α	1.4
		60V	Α	1.2
		110V	Α	0.6
		125V	Α	0.55
		220V	Α	0.3
		600V	Α	0.1
Operations				
Mechanical life			cycles	20000000
Safety related data	0.1			
Performance level B1	0d according to EN/ISO 13489-1			
<del></del>		mechanical load	cycles	20000000
	ng to IEC/EN 609474-4-1			YES
EMC compatibility				1/00
A O 'I				yes
AC coil operating			V	
Rated AC voltage at 6	0Hz		V	460
			V	
Rated AC voltage at 6	of 60Hz coil powered at 60Hz		V	
Rated AC voltage at 6		min		460
Rated AC voltage at 6	of 60Hz coil powered at 60Hz	min	%Us	460 75
Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up	min max		460
Rated AC voltage at 6	of 60Hz coil powered at 60Hz	max	%Us %Us	460 75 115
Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up	max min	%Us %Us %Us	75 115 20
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max	%Us %Us	460 75 115
Rated AC voltage at 6	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C	max min	%Us %Us %Us	75 115 20
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max min max	%Us %Us %Us %Us	75 115 20 55
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C	max min max in-rush	%Us %Us %Us %Us	75 115 20 55
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz	max min max	%Us %Us %Us %Us	75 115 20 55
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C	max min max in-rush holding	%Us %Us %Us %Us VA	75 115 20 55 30 4
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz	max min max in-rush holding in-rush	%Us %Us %Us %Us VA	75 115 20 55 30 4
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up  drop-out  umption at 20°C of 50/60Hz coil powered at 50Hz  of 50/60Hz coil powered at 60Hz	max min max in-rush holding	%Us %Us %Us %Us VA	75 115 20 55 30 4
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out umption at 20°C of 50/60Hz coil powered at 50Hz	max min max in-rush holding in-rush	%Us %Us %Us %Us VA	460 75 115 20 55 30 4 25 3
Rated AC voltage at 6 AC operating voltage	of 60Hz coil powered at 60Hz pick-up  drop-out  umption at 20°C of 50/60Hz coil powered at 50Hz  of 50/60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA	75 115 20 55 30 4 25 3
Rated AC voltage at 6 AC operating voltage  AC average coil consu	of 60Hz coil powered at 60Hz pick-up  drop-out  umption at 20°C of 50/60Hz coil powered at 50Hz  of 50/60Hz coil powered at 60Hz  of 60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding	%Us %Us %Us %Us VA VA	460 75 115 20 55 30 4 25 3
Rated AC voltage at 6 AC operating voltage  AC average coil const  Dissipation at holding	of 60Hz coil powered at 60Hz pick-up  drop-out  umption at 20°C of 50/60Hz coil powered at 50Hz  of 50/60Hz coil powered at 60Hz  of 60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA	460  75 115 20 55  30 4  25 3 30 4
Rated AC voltage at 6 AC operating voltage  AC average coil const  Dissipation at holding  Max cycles frequency	of 60Hz coil powered at 60Hz pick-up  drop-out  umption at 20°C of 50/60Hz coil powered at 50Hz  of 50/60Hz coil powered at 60Hz  of 60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA VA	75 115 20 55 30 4 25 3 30 4 0.95
Rated AC voltage at 6 AC operating voltage  AC average coil const  Dissipation at holding	of 60Hz coil powered at 60Hz pick-up  drop-out  umption at 20°C of 50/60Hz coil powered at 50Hz  of 50/60Hz coil powered at 60Hz  of 60Hz coil powered at 60Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA	75 115 20 55 30 4 25 3 30 4 0.95
Rated AC voltage at 6 AC operating voltage  AC average coil consultation  Dissipation at holding  Max cycles frequency  Mechanical operation	of 60Hz coil powered at 60Hz pick-up  drop-out  umption at 20°C of 50/60Hz coil powered at 50Hz  of 50/60Hz coil powered at 60Hz  of 60Hz coil powered at 60Hz  ≤20°C 50Hz	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA VA	75 115 20 55 30 4 25 3 30 4 0.95

in AC

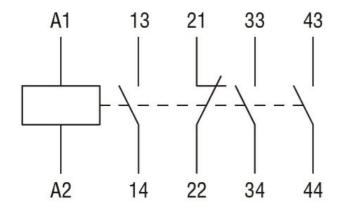


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		Closing NO				
		Closing NO		min	ms	12
				max	ms	21
		Opening NO	)	max	1110	21
		Opolining 140		min	ms	9
				max	ms	18
		Closing NC				. •
		3		min	ms	17
				max	ms	26
		Opening NO	)			
				min	ms	7
				max	ms	17
	in DC					
		Closing NO				
		_		min	ms	18
				max	ms	25
		Opening NO	)			
				min	ms	2
				max	ms	3
		Closing NC				
				min	ms	3
				max	ms	5
		Opening NO	;			
				min	ms	11
				max	ms	17
UL technical data						
General USE						
	Contactor		4.0			4.0
Out that we find the affine	· · · · · · · · · · · · · · · · · · ·		AC	current	A	10
	ary contacts according to	UL				A600 - Q600
Ambient conditions						
Temperature	On a ratio a taman a rationa					
	Operating temperature			min	°C	FO
				min	°C	-50 -70
	Storage temperature			max	U	+70
	Storage temperature			min	°C	-60
				max	°C	-60 +80
Max altitude				шах	m	3000
Resistance & Protectio	n				- 111	3000
Pollution degree	11					3
Dimensions						
(0.17") (0.17") (0.17")	<b>8</b> ,6		(1.73")		(2.	57
(0.33")	57 (2.24") 88 88 (1.37")		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2 (0.12)	(2.28") 5	RF9
<b>③ ③ ③ ③ ③ ③ ③ ⑤ ③ ⑤ ⑤ ⑤ ⑤ ⑤ ⑤ ⑤ ⑤ ⑥ ⑤ ⑥ ⑤ ⑥ ⑥ ⑥ ⑥ ⑥ ⑥ ⑥ ⑥ ⑥ ⑥</b>	(2.24°)		3.71") 8.71") 6.6.0	لله	(2.28") 5	RF9



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## 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

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000196 -Contactor relay