



Product designation				Auxiliary
C				contactor
Product type designat				BG00
Contact characteristic	S			
Number of poles			Nr.	4
Rated insulation volta			V	690
Rated impulse withsta			kV	6
Operational frequency	ý			
		min	Hz	25
		max	Hz	400
	e air thermal current Ith		А	10
Protection fuse				
		gG (IEC)	A	16
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	lbin	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
•				properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fiving				Screw / DIN rai
Fixing				35mm

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Conductor section

AWG/kcmil conductor section

		max		12
Auxiliary contact characteristics				
Thermal current Ith			А	10
IEC/EN 60947-5-1 designation				A600 - Q600
Operating current AC15				
		230V	А	3
		400V	А	1.9
		500V	A	1.4
Operating current DC12				
		110V	А	2.9
Operating current DC13				
		24V	А	2.9
		48V	А	1.4
		60V	А	1.2
		110V	А	0.6
		125V	А	0.55
		220V	А	0.3
		600V	А	0.1
Operations				
Mechanical life			cycles	20000000
Safety related data				
Performance level B10d accord	ling to EN/ISO 13489-1			
		mechanical load	cycles	2000000
Mirror contats according to IEC/	/EN 609474-4-1			YES
EMC compatibility				yes
DC coil operating				
DC coil operating DC rated control voltage			V	48
			V	48
DC rated control voltage			V	48
DC rated control voltage DC operating voltage		min	V %Us	<u>48</u> 75
DC rated control voltage DC operating voltage		min max		
DC rated control voltage DC operating voltage			%Us	75
DC rated control voltage DC operating voltage pick-up			%Us	75
DC rated control voltage DC operating voltage pick-up drop-ou	ut	max	%Us %Us	75 115
DC rated control voltage DC operating voltage pick-up	ut	maxmin	%Us %Us %Us	75 115 10
DC rated control voltage DC operating voltage pick-up drop-ou	ut	maxmin	%Us %Us %Us	75 115 10
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20°	ut	max min max	%Us %Us %Us %Us	75 115 10 20
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency	ut	max min max in-rush	%Us %Us %Us %Us W	75 115 10 20 2.3
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation	ut	max min max in-rush	%Us %Us %Us %Us W	75 115 10 20 2.3 2.3
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency	ut	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 2.3 2.3
DC rated control voltage DC operating voltage pick-up drop-out Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	ut	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 2.3 2.3
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times	ıt C	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 2.3 2.3
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	ut	max min max in-rush holding	%Us %Us %Us %Us W W	75 115 10 20 2.3 2.3 3600
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	ıt C	max min max in-rush	%Us %Us %Us %Us W W vv	75 115 10 20 2.3 2.3 3600 12
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	It C Closing NO	max min max in-rush holding	%Us %Us %Us %Us W W	75 115 10 20 2.3 2.3 3600
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	ıt C	max min max in-rush holding min max	%Us %Us %Us %Us W W vv	75 115 10 20 2.3 2.3 3600 12 21
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	It C Closing NO	max min max in-rush holding min	%Us %Us %Us %Us W W vv	75 115 10 20 2.3 2.3 3600 12 21 9
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	It C Closing NO Opening NO	max min max in-rush holding min max	%Us %Us %Us W W V cycles/h	75 115 10 20 2.3 2.3 3600 12 21
DC rated control voltage DC operating voltage pick-up drop-out Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	It C Closing NO	max min max in-rush holding min max min	%Us %Us %Us W W V cycles/h ms ms	75 115 10 20 2.3 2.3 3600 12 21 9 18
DC rated control voltage DC operating voltage pick-up drop-ou Average coil consumption ≤20° Max cycles frequency Mechanical operation Operating times Average time for Us control	It C Closing NO Opening NO	max min max in-rush holding min max min	%Us %Us %Us W W V cycles/h ms ms	75 115 10 20 2.3 2.3 3600 12 21 9

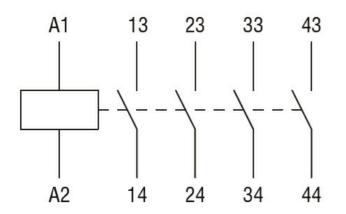
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



		Opening NC			
		- p	mir	ms	7
			max		17
	in DC				
		Closing NO			
		U U	mir	ms	18
			max	. ms	25
		Opening NO			
			mir	ms	2
			max	s ms	3
		Closing NC			
		-	mir	ms	3
			max	s ms	5
		Opening NC			
			mir	ms	11
			max	s ms	17
UL technical data					
General USE					
	Contactor				
			AC current	A A	10
Contact rating of auxil	ary contacts according to	UL			A600 - Q600
and the second second					
Ambient conditions					
Ambient conditions Temperature					
	Operating temperature				
	Operating temperature		mir	°C	-50
	Operating temperature		mir max		-50 +70
	Operating temperature Storage temperature				
				°C	
			max	°C °C	+70
			max mir	°C °C	+70 -60
Temperature	Storage temperature		max mir	°C °C °C °C	+70 -60 +80
Temperature Max altitude	Storage temperature		max mir	°C °C °C °C	+70 -60 +80
Temperature Max altitude Resistance & Protecti	Storage temperature		max mir max	°C °C °C °C	+70 -60 +80 3000
Temperature Max altitude Resistance & Protecti Pollution degree Dimensions 44 (0.17") (0.17") (0.33") (0.33") (0.38") (0.38") (0.38")	Storage temperature		max mir max	x °C °C c °C m	+70 -60 +80 3000 3 57 RF9 RF9
Temperature Max altitude Resistance & Protecti Pollution degree Dimensions 44 (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.17") (0.13") (0.13") (0.13")	Storage temperature		max mir max	2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2	+70 -60 +80 3000 3





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