



Product designation				Auxiliary
C C				contactor
Product type designat				BG00
Contact characteristic	S S			
Number of poles			Nr.	4
Rated insulation volta			V	690
Rated impulse withsta	· · ·		kV	6
Operational frequency	у			
		min	Hz	25
		max	Hz	400
IEC Conventional free	e air thermal current Ith		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			
	5	min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section			
	J	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section			-
		min	mm²	1.5
		max	mm∸	2.5
		max	mm²	2.5 IP20 when
Power terminal protect	ction according to IEC/EN 60529	max	mm ²	IP20 when
•	ction according to IEC/EN 60529	max	mm ²	
Mechanical features	ction according to IEC/EN 60529	max		IP20 when
	ction according to IEC/EN 60529		mm ²	IP20 when properly wired
Mechanical features	ction according to IEC/EN 60529	normal	mm-	IP20 when properly wired Vertical plan
Mechanical features	ction according to IEC/EN 60529			IP20 when properly wired



Conductor section

AWG/kcmil conductor section

			max		12
Auxiliary contact chara	cteristics				
Thermal current Ith				А	10
IEC/EN 60947-5-1 des	signation				A600 - Q600
Operating current AC1					
			230V	А	3
			400V	А	1.9
			500V	А	1.4
Operating current DC1	2				
			110V	А	2.9
Operating current DC1	3				
			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	2000000
Safety related data				•	
Performance level B1	0d according to EN/ISO	13489-1			
	-		mechanical load	cycles	2000000
Mirror contats accordi	ng to IEC/EN 609474-4-1			,	YES
EMC compatibility	0				yes
DC coil operating					
DC coil operating DC rated control voltage	ge			V	60
	ge			V	60
DC rated control voltage				V	60
DC rated control voltage	ge pick-up		min	V %Us	<u>60</u> 75
DC rated control voltage			min max		
DC rated control voltage				%Us	75
DC rated control voltage	pick-up			%Us	75
DC rated control voltage	pick-up		max	%Us %Us	75 115
DC rated control voltage	pick-up drop-out		max min	%Us %Us %Us	75 115 10
DC rated control voltage	pick-up drop-out		max min	%Us %Us %Us	75 115 10
DC rated control voltage	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 20
DC rated control voltage	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	75 115 10 20 3.2
DC rated control voltage DC operating voltage	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	75 115 10 20 3.2 3.2
DC rated control voltage DC operating voltage Average coil consump Max cycles frequency	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2 3600
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C		max min max in-rush holding	%Us %Us %Us %Us W W W	75 115 10 20 3.2 3.2 3600
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO Opening NO	max min max in-rush holding min	%Us %Us %Us %Us W W vv cycles/h	75 115 10 20 3.2 3.2 3600 12 21
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C		max min max in-rush holding min	%Us %Us %Us %Us W W vv cycles/h	75 115 10 20 3.2 3.2 3600 12 21 9
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Opening NO	max min max in-rush holding min max	%Us %Us %Us W W V cycles/h	75 115 10 20 3.2 3.2 3600 12 21
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C		max min max in-rush holding min max min max	%Us %Us %Us W W V cycles/h ms ms	75 115 10 20 3.2 3.2 3600 12 21 9 18
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	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 3.2 3.2 3600 12 21 9



		Opening NC	mir	n ms	7
			max		17
	in DC		Thu/		
		Closing NO			
		5 5 5	mir	n ms	18
			max		25
		Opening NO			
			mir	n ms	2
			max	k ms	3
		Closing NC			
			mir	n ms	3
			max	c ms	5
		Opening NC			44
			mir		11
			ma>	(ms	17
UL technical data General USE					
	Contactor				
	Contactor		AC curren	t A	10
Contact rating of auxili	ary contacts according to			. //	A600 - Q600
Ambient conditions		02			1000 0000
Temperature					
	Operating temperature				
			mir	°C	-50
			max	°C	+70
	Storage temperature				
			mir		-60
			max	°C	+80
Max altitude				m	3000
Resistance & Protection	on				-
Pollution degree					3
Dimensions					
4.4 (1.73") (0.17") (0.17") (0.17") (0.17") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33")	34.9 - (1.37")	,		3	57 2.24") RF9
(0.33") Wiring diagrams			44 — 44 (1.73")	-	



11BG0031D060 CONTROL RELAY WITH DC COIL, 60VDC, 3NO AND 1NC

33 13 21 43 A1 A2 14 22 34 44

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