



Product designation				Auxiliary
Product type designat	tion			contactor BG00
Contact characteristic				Beeco
Number of poles			Nr.	4
Rated insulation volta	ge Ui IEC/EN		V	690
Rated impulse withsta			kV	6
Operational frequency				
		min	Hz	25
		max	Hz	400
IEC Conventional free	air thermal current Ith		А	10
Protection fuse				
		gG (IEC)	А	16
Tightening torque for t	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
	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 protect	ction according to IEC/EN 60529			IP20 when wired
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	179
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	Α	1.4
Operating current DC12			
	110V	A	2.9
Operating current DC13			
	24V	A	2.9
	48V	A	1.4
	60V	A	1.2
	110V	A	0.6
	125V	A	0.55
	220V	A	0.3
	600V	А	0.1
Operations			
Mechanical life		cycles	2000000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	mechanical load	cycles	2000000
Mirror contats according to IEC/EN 609474-4-1			YES
EMC compatibility			yes
AC coil operating			
		V	100
Rated AC voltage at 60Hz		V	120
Rated AC voltage at 60Hz AC operating voltage		V	120
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz		V	120
Rated AC voltage at 60Hz AC operating voltage	min		
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz	min	%Us	75
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up	min max		
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz	max	%Us %Us	75 115
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up	max	%Us %Us %Us	75 115 20
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out	max	%Us %Us	75 115
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out	max	%Us %Us %Us	75 115 20
Rated AC voltage at 60Hz 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 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C	max min max in-rush	%Us %Us %Us %Us	75 115 20 55 30
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption 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 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out	max min max in-rush holding	%Us %Us %Us VA VA	75 115 20 55 30 4
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz	max min max in-rush holding in-rush	%Us %Us %Us %Us VA VA VA	75 115 20 55 30 4 25
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption 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 VA VA	75 115 20 55 30 4
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz	max min max in-rush holding in-rush holding	%Us %Us %Us %Us VA VA VA	75 115 20 55 30 4 25 3
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption 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 VA	75 115 20 55 30 4 25 3 30
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz 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 VA VA VA	75 115 20 55 30 4 25 3 30 4
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz Dissipation at holding =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
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz of 50/60Hz coil powered at 60Hz Dissipation at holding =20°C 50Hz Max cycles frequency	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA VA VA VA VA VA VA	75 115 20 55 30 4 25 3 30 4 0.95
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz Dissipation at holding =20°C 50Hz Max cycles frequency Mechanical operation	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA VA VA	75 115 20 55 30 4 25 3 30 4 0.95
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz Dissipation at holding =20°C 50Hz Max cycles frequency Mechanical operation Operating times	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA VA VA VA VA VA VA	75 115 20 55 30 4 25 3 30 4 0.95
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up drop-out AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz Dissipation at holding =20°C 50Hz Max cycles frequency Mechanical operation	max min max in-rush holding in-rush holding in-rush	%Us %Us %Us %Us VA VA VA VA VA VA VA VA VA	75 115 20 55 30 4 25 3 30 4 0.95

Closing NO

11BG0040A12060

OVE electric ENERGY AND AUTOMATION

CONTROL RELAY WITH AC COIL 60HZ, 120VAC, 4NO

					4.0	
			mir		12	
			max	s ms	21	
		Opening NO				
			mir	n ms	9	
			max	c ms	18	
		Closing NC				
		-	mir	n ms	17	
			max		26	
		Opening NC				
		oponingrio	mir	n ms	7	
					17	
			max	c ms	17	
	in DC					
		Closing NO				
			mir		18	
			max	c ms	25	
		Opening NO	1			
			mir	n ms	2	
			max	c ms	3	
		Closing NC				
		5 -	mir	n ms	3	
			max		5	
		Opening NC			0	
		Opening NO	mir	. mc	11	
			max	c ms	17	
UL technical data						
General USE	_					
General USE	Contactor					
			AC curren	t A	10	
Contact rating of auxil	Contactor iary contacts according to) UL	AC curren	t A	10 A600 - Q60	0
) UL	AC curren	t A		0
Contact rating of auxil Ambient conditions) UL	AC curren	t A		0
Contact rating of auxil	iary contacts according to		AC curren	t A		0
Contact rating of auxil Ambient conditions					A600 - Q60	0
Contact rating of auxil Ambient conditions	iary contacts according to		mir	n °C	A600 - Q600 -50	0
Contact rating of auxil Ambient conditions	iary contacts according to Operating temperature			n °C	A600 - Q60	0
Contact rating of auxil Ambient conditions	iary contacts according to		mir max	n °C a °C	A600 - Q600 -50 +70	0
Contact rating of auxil Ambient conditions	iary contacts according to Operating temperature		mir max mir	n°C °C n°C	A600 - Q600 -50 +70 -60	0
Contact rating of auxil Ambient conditions Temperature	iary contacts according to Operating temperature		mir max	0 °C 3 °C 0 °C 3 °C	A600 - Q600 -50 +70 -60 +80	0
Contact rating of auxil Ambient conditions Temperature Max altitude	iary contacts according to Operating temperature Storage temperature		mir max mir	n°C °C n°C	A600 - Q600 -50 +70 -60	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti	iary contacts according to Operating temperature Storage temperature		mir max mir	0 °C 3 °C 0 °C 3 °C	A600 - Q600 -50 +70 -60 +80 3000	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree	iary contacts according to Operating temperature Storage temperature		mir max mir	0 °C 3 °C 0 °C 3 °C	A600 - Q600 -50 +70 -60 +80	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti	iary contacts according to Operating temperature Storage temperature		mir max mir	0 °C 3 °C 0 °C 3 °C	A600 - Q600 -50 +70 -60 +80 3000	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	n °C a °C n °C a °C m	A600 - Q600 -50 +70 -60 +80 3000 3	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	n °C a °C n °C a °C m	A600 - Q600 -50 +70 -60 +80 3000 3	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	n °C a °C n °C a °C m	A600 - Q600 -50 +70 -60 +80 3000	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	n °C a °C n °C a °C m	A600 - Q600 -50 +70 -60 +80 3000 3	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	n °C a °C n °C a °C m	A600 - Q600 -50 +70 -60 +80 3000 3	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	Operating temperature Storage temperature		mir max mir max	n °C a °C n °C a °C m	A600 - Q600 -50 +70 -60 +80 3000 3	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	°C °C °C °C °C m	A600 - Q600 -50 +70 -60 +80 3000 3	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	°C °C °C °C °C m	A600 - Q600 -50 +70 -60 +80 3000 3	0
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	n °C a °C n °C a °C m	A600 - Q600 -50 +70 -60 +80 3000 3	
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions 44 + 44 + 44 + 44 + 44 + 44 + 44 + 44	iary contacts according to Operating temperature Storage temperature		mir max mir max	°C °C °C °C °C m	A600 - Q600 -50 +70 -60 +80 3000 3 RE9	
Contact rating of auxil Ambient conditions Temperature Max altitude Resistance & Protecti Pollution degree Dimensions	iary contacts according to Operating temperature Storage temperature		mir max mir max	°C °C °C °C °C m	A600 - Q600 -50 +70 -60 +80 3000 3	0 7.6 (0.30")



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		
		EC000196 -

ETIM 8.0

EC000196 -Contactor relay