



Product designation			Auxiliary contactor
Product type designation			BGF00
Contact characteristics			
Number of poles		Nr.	4
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		А	10
Short-time allowable current for 10s (IEC/EN60947-1)		Α	0
Protection fuse			
	gG (IEC)	А	16
Tightening torque for terminals	ge (:==;)		
	min	Nm	0.8
	max	Nm	1
	min	Ibin	9
	max	Ibin	9
Tightening torque for coil terminal	Пах	10111	0
	min	Nm	0.8
	max	Nm	1
	min	Ibin	9
		Ibin	9
Max number of wires simultaneously connectable	max	Nr.	2
Conductor section		INI.	2
AWG/Kcmil			
AWG/RCIIII			10
Elevible w/e lug conductor costion	max		12
Flexible w/o lug conductor section			0.75
	min	mm²	0.75
	max	mm²	2.5
Flexible c/w lug conductor section			4 5
	min	mm²	1.5
	max	mm²	2.5
Flexible with insulated spade lug cond		2	4 5
	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°
Fixing			Screw / DIN rail 35mm



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CONTROL RELAY WITH DC COIL, 24VDC, 3NO AND 1NC, FASTON TERMINALS

Weight				g	224
Conductor section					
	AWG/kcmil conductor	section			
			max		12
Auxiliary contact chara	cteristics				
Thermal current Ith				А	10
IEC/EN 60947-5-1 des					A600 - Q600
Operating current AC1	5				
			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	1.1
			125V	А	0.3
			220V	А	0.1
			600V	А	0.6
Operations					
Mechanical life				cycles	20000000
Safety related data					
Performance level B10	0d according to EN/ISO	13489-1			
			mechanical load	cycles	2000000
	ng to IEC/EN 609474-4-	-1			YES
EMC compatibility					yes
DC coil operating					<u></u>
DC rated control voltage	је			V	24
DC operating voltage					
	pick-up				
			min	%Us	75
			max	%Us	115
	drop-out				
			min	%Us	10
			max	%Us	25
Average coil consump	tion ≤20°C				
			in-rush	W	3.2
			holding	W	3.2
Max cycles frequency				l /l	0000
Mechanical operation				cycles/h	3600
Operating times	antrol				
Average time for Us co					
	in AC				
		Closing NO			
		5 -			10
		<u> </u>	min	ms	12
		-	min max	ms ms	12 21
		Opening NO	max	ms	21
		-	max	ms ms	21 9
		Opening NO	max	ms	21
		-	max min max	ms ms ms	21 9 18
		Opening NO	max	ms ms	21 9

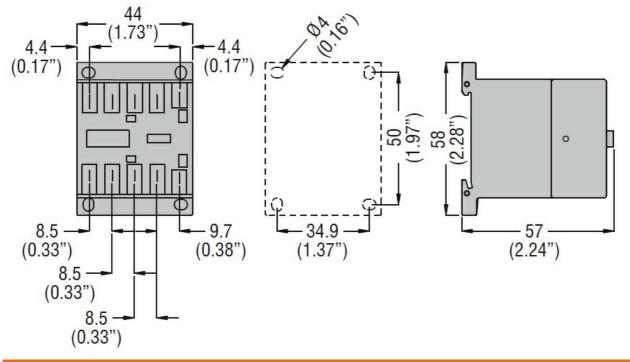
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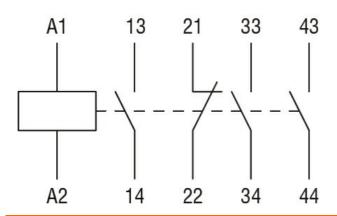
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	Opening N	С		
		min	ms	7
		max	ms	17
	in DC			
	Closing NC)		
		min	ms	18
		max	ms	25
	Opening N			
		min	ms	2
		max	ms	3
	Closing NC	,		
		min	ms	3
		max	ms	5
	Opening N	C		
		min	ms	11
		max	ms	17
UL technical data				
	y contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
	Operating temperature			
	Operating temperature	min	°C	-50
	Operating temperature	min max	℃ ℃	-50 +70
	Operating temperature Storage temperature		°C	
		max	°C	+70
		maxmin	⊃° C	+70 -60
	Storage temperature	maxmin	2° 2° 2°	+70 -60 +80
Max altitude	Storage temperature	maxmin	2° 2° 2°	+70 -60 +80



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	
	CCC
	cULus
	EAC
ETIM classification	

ETIM 8.0

EC000196 -Contactor relay