



Product designation				Auxiliary
-				contactor
Product type designat				BGF00
Contact characteristic	S			<u>.</u>
Number of poles			Nr.	4
Rated insulation voltage	-		V	690
Rated impulse withsta			kV	6
Operational frequency	/			
		min	Hz	25
150.0		max	Hz	400
	air thermal current Ith		A	10
	current for 10s (IEC/EN60947-1)		A	0
Protection fuse				
		gG (IEC)	A	16
Tightening torque for t	terminals			
		min	Nm	0.8
		max	Nm	1
		min	Ibin	9
		max	Ibin	9
Tightening torque for o	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	Ibin	9
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section		2	0.75
		min	mm²	0.75
	<u></u>	max	mm²	2.5
	Flexible c/w lug conductor section		2	
		min	mm²	1.5
	Elevite a vite in evidete d'encode los constructors e otien	max	mm²	2.5
	Flexible with insulated spade lug conductor section			4 5
		min	mm²	1.5
		max	mm²	2.5
Power terminal protect	ction according to IEC/EN 60529			IP20 when properly wired
Mechanical features				property writed
Operating position				
		normal		Vertical plan
		allowable		±30°
		anowable		Screw / DIN rail
Fixing				35mm
Weight			g	180
			9	

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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	А	1.4
Operating current DC12			
	110V	А	2.9
Operating current DC13			
	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	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			
Rated AC voltage at 50/60Hz		V	48
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
pick-up			
	min	%Us	75
	max	%Us	115
drop-out			
	min	%Us	20
	max	%Us	55
of 50/60Hz coil powered at 60Hz			
pick-up			
	min	%Us	80
	max	%Us	115
drop-out			
	min	%Us	20
	max	%Us	55
AC average coil consumption at 20°C			
of 50/60Hz coil powered at 50Hz			
	in-rush	VA	30
	holding	VA	4
of 50/60Hz coil powered at 60Hz			
	in-rush	VA	25
	holding	VA	3
of 60Hz coil powered at 60Hz			
	in-rush	VA	30
	holding	VA	4

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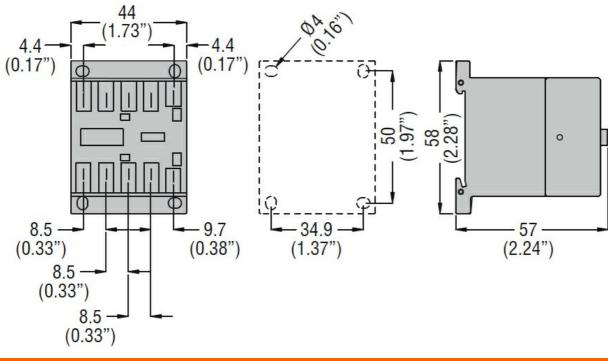


CONTROL RELAY WITH AC COIL 50/60HZ, 48VAC, 4NO, FASTON TERMINALS

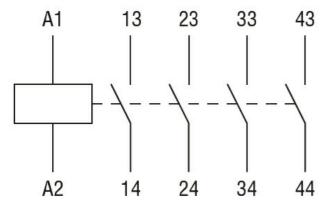
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Mechanical operating times cycles/h 3600 Average time for Us control in AC Closing NO	Dissipation at holding Max cycles frequency				W	0.95
Average time for Us control in AC Closing NO min ms 12 Opening NO min ms 21 Opening NO min ms 9 max ms 18 Closing NC min ms 16 Max ms 16 16 Opening NC min ms 17 max ms 17 16 Closing NC min ms 17 in DC Closing NO min ms 12 Opening NO min ms 12 16 Opening NC min ms 12 16 Opening NC min ms 12 16 Opening NC min ms 11 17 16 <t< td=""><td></td><td></td><td></td><td></td><td>cycles/h</td><td>3600</td></t<>					cycles/h	3600
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Max altitudem3000Resistance & Protection3						
Resistance & Protection Pollution degree 3	Max altitude					
Pollution degree 3		on				
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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		
	202	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000196 - Contactor relay