



Product designation				Auxiliary contactor
Product type designat	tion			BGF00
Contact characteristic	S			
Number of poles			Nr.	4
Rated insulation volta	ge Ui IEC/EN		V	690
Rated impulse withsta	and voltage Uimp		kV	6
Operational frequency	/			
		min	Hz	25
		max	Hz	400
IEC Conventional free	e air thermal current Ith		А	10
Short-time allowable	current for 10s (IEC/EN60947-1)		А	0
Protection fuse				
		gG (IEC)	А	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
	ction according to IEC/EN 60529			IP20 when properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	220

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Conductor section

AWG/kcmil conductor section

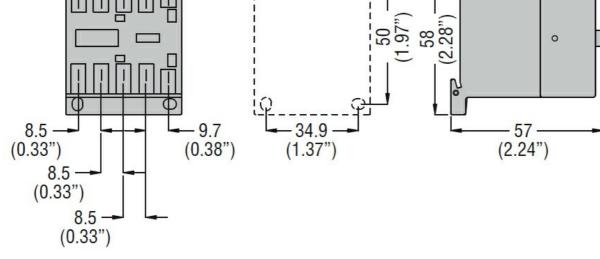
AWG/Remii conductor section	max		12
Auxiliary contact characteristics			
Thermal current Ith		А	10
IEC/EN 60947-5-1 designation			A600 - Q600
Operating current AC15			
	230V	А	3
	400V	А	1.9
	500V	А	1.4
Operating current DC12			
	110V	А	2.9
Operating current DC13			
	24V	А	2.9
	48V	А	1.4
	60V	А	1.1
	125V	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			
5	mechanical load	cycles	2000000
Mirror contats according to IEC/EN 609474-4-1		- ,	YES
EMC compatibility			yes
DC coil operating			<i>J</i> 00
DC rated control voltage		V	24
DC operating voltage		v	21
pick-up			
pick up	min	%Us	75
	max	%Us	115
drop-out	max	/003	110
ulop-out	min	%Us	10
	max	%Us	25
Average coil consumption ≤20°C	IIIax	/003	25
	in-rush	W	2.3
	holding	W	2.3
Max cycles frequency	noiding	VV	2.3
Mechanical operation		cycles/h	2600
Operating times		cycles/fi	3000
Average time for Us control			
in AC			
Closing NO	min	-	10
	min	ms	12
	max	ms	21
Opening NO			0
	min	ms	9
	max	ms	18
Closing NC			47
	min	ms	17
	max	ms	26
Opening NC			

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CONTROL RELAY WITH DC COIL LOW CONSUMPTION, 24VDC, 2NO AND 2NC, FASTON **TERMINALS** 

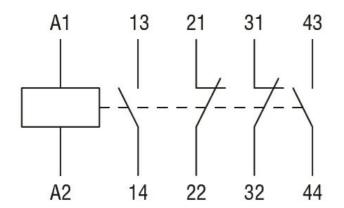
			min	ms	7
			max	ms	17
	in DC				
		Closing NO			
			min	ms	18
			max	ms	25
		Opening NO			
			min	ms	2
			max	ms	3
		Closing NC			
			min	ms	3
			max	ms	5
		Opening NC	_		
			min	ms	11
			max	ms	17
UL technical data	We can be a fear to a second				4000 0000
Contact rating of au	xiliary contacts acco	ording to UL			A600 - Q600
Ambient conditions					
Temperature					
	Operating temp	Derature		°C	50
			min	°C ℃	-50 +70
	<u>Storogo tompo</u>	ratura	max	U	+70
	Storage tempe	rature	min	°C	-60
			max	°C	-80 +80
Max altitude			Шал	 	3000
Resistance & Prote	ction			111	3000
Pollution degree	Clion				3
Dimensions					5
4.4(1 (0.17")	44 1.73") - 4. (0.1	4 Q.			



Wiring diagrams



**11BGF0022L024** CONTROL RELAY WITH DC COIL LOW CONSUMPTION, 24VDC, 2NO AND 2NC, FASTON TERMINALS



## Certifications and compliance

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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