



Product designation				Auxiliary contactor
Product type designat	ion			BGF00
Contact characteristic				Bel 00
Number of poles			Nr.	4
Rated insulation voltage	ae 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
Short-time allowable current for 10s (IEC/EN60947-1)			А	0
Protection fuse				
		gG (IEC)	А	16
Tightening torque for t	erminals	,		
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	lbin	9
Tightening torque for a	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
	The Mills Mills is the transmission of the second statements of the	max	mm²	2.5
	Flexible with insulated spade lug conductor section		2	4 5
		min	mm²	1.5
		max	mm²	2.5
Power terminal protect	tion according to IEC/EN 60529			IP20 when properly wired
Mechanical features				property writed
Operating position				
		normal		Vertical plan
		allowable		±30°
				Screw / DIN rail
Fixing				35mm
Weight			g	180
			3	

11BGF0040A12000 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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	A	1.4
Operating current DC12			
	110V	A	2.9
Operating current DC13			
	24V	А	2.9
	48V	A	1.4
	60V	A	1.1
	125V	A	0.3
	220V	A	0.1
	600V	A	0.6
Operations			
Mechanical life		cycles	20000000
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		. <i>, ,</i>	100
Rated AC voltage at 60Hz		V	120
AC operating voltage			
of 60Hz coil powered at 60Hz			
pick-up		0/11-	75
	min	%Us	75
dram aut	max	%Us	115
drop-out		0/110	20
	min	%Us	20
AC average sail consumption at 20%	max	%Us	55
AC average coil consumption at 20°C			
of 50/60Hz coil powered at 50Hz	in-rush	VA	30
	holding	VA VA	4
of 50/60Hz coil powered at 60Hz	noiding	٧٨	4
or 50/00112 con powered at 00112	in-rush	VA	25
	holding	VA VA	3
of 60Hz coil powered at 60Hz	noiding	۷A	0
	in-rush	VA	30
	holding	VA VA	4
Dissipation at holding ≤20°C 50Hz	noiding	W	0.95
Max cycles frequency		• •	
Max cycles nequency Mechanical operation		cycles/h	3600
Operating times		5,5100,11	
Average time for Us control			
in AC			

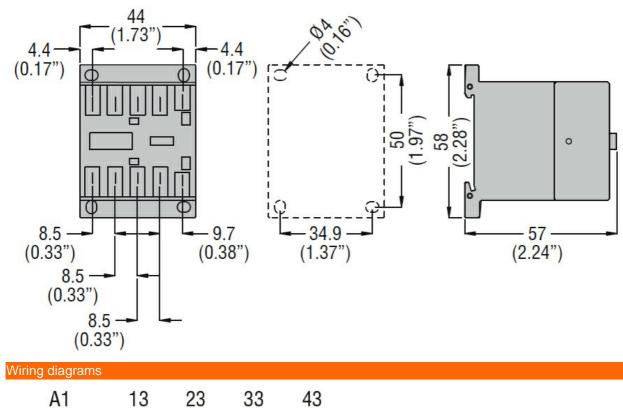
Closing NO

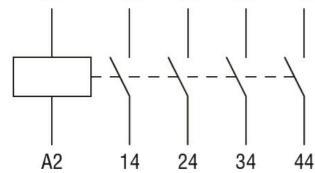


11BGF0040A12060 CONTROL RELAY WITH AC COIL 60HZ, 120VAC, 4NO, FASTON TERMINALS

			min	ms	12
			max	ms	21
		Opening NO			
			min	ms	9
			max	ms	18
		Closing NC			
			min	ms	17
			max	ms	26
		Opening NC			
			min	ms	7
			max	ms	17
	in DC				
		Closing NO			
		0	min	ms	18
			max	ms	25
		Opening NO			
		1 0	min	ms	2
			max	ms	3
		Closing NC			-
		e	min	ms	3
			max	ms	5
		Opening NC			•
		opoling ito	min	ms	11
			max	ms	17
UL technical data			max	1110	.,
	ary contacts according to				A600 - Q600
Ambient conditions		02			1000 4000
Temperature					
rompolataro	Operating temperature				
	operating temperature		min	°C	-50
			max	°C	+70
	Storage temperature		Шал	0	+70
	Slorage lemperature		min	°C	-60
				С О°	-60 +80
Max altitude			max		
				m	3000
Resistance & Protectio	n				0
Pollution degree Dimensions					3
Inmensions					







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		
	000	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000196 - Contactor relay