



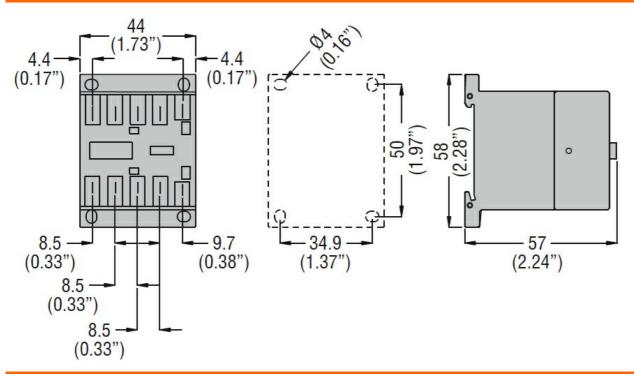
Product designation				Auxiliary contactor
Product type designat				BGF00
Contact characteristic	S			•
Number of poles	LINEO/EN		Nr.	4
Rated insulation voltage	<u> </u>		V	690
Rated impulse withsta	·		kV	6
Operational frequency	<i>(</i>			
		min	Hz	25
150.0		max	Hz	400
IEC Conventional free air thermal current Ith			Α	10
	current for 10s (IEC/EN60947-1)		Α	0
Protection fuse				
		gG (IEC)	Α	16
Tightening torque for t	terminals			
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	Ibin	9
Tightening torque for	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	Ibin	9
Max number of wires simultaneously connectable			Nr.	2
Conductor section	NWO.11			
	AWG/Kcmil			
	<del></del>	max		12
	Flexible w/o lug conductor section		2	0.75
		min	mm²	0.75
	Electrical designation of the second of the	max	mm²	2.5
	Flexible c/w lug conductor section		2	4.5
		min	mm²	1.5
	Elevible with insulated and do live conductor as stice	max	mm²	2.5
	Flexible with insulated spade lug conductor section		2	4.5
		min	mm²	1.5
-		max	mm²	2.5 IP20 when
Power terminal protection according to IEC/EN 60529				properly wired
Mechanical features				property wiled
Operating position				
operating position		normal		Vertical plan
		allowable		±30°
Fixing		anowabio		Screw / DIN rail 35mm



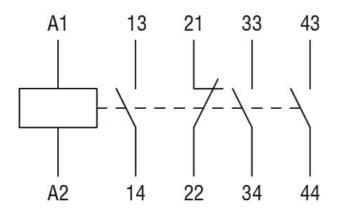


Weight				g	222
Conductor section				3	
	AWG/kcmil conduct	tor section			
			max		12
Auxiliary contact charac	cteristics				
Thermal current Ith				Α	10
IEC/EN 60947-5-1 des	ignation				A600 - Q600
Operating current AC1	-				
			230V	Α	3
			400V	Α	1.9
			500V	Α	1.4
Operating current DC12	2				
, ,			110V	Α	2.9
Operating current DC13	3				_
, ,			24V	Α	2.9
			48V	Α	1.4
			60V	Α	1.1
			125V	Α	0.3
			220V	Α	0.1
			600V	A	0.6
Operations					
Mechanical life				cycles	20000000
Safety related data				2,0.00	
Performance level B10	d according to FN/IS	SO 13489-1			
T CHOITIANCE ICVOLD TO	a according to ETTITE	70 10-100 1	mechanical load	cycles	20000000
Mirror contats accordin	og to IEC/EN 609474.	-/ <sub>-</sub> 1	meenamea load	Сусісз	YES
EMC compatibility	ig to IEC/EN 009474	-4-1			ILO
					VAS
					yes
DC coil operating	10			V	
DC coil operating DC rated control voltag	ie			V	24
DC coil operating				V	
DC coil operating DC rated control voltag	pick-up				24
DC coil operating DC rated control voltag			min	%Us	24 75
DC coil operating DC rated control voltag	pick-up		min max		24
DC coil operating DC rated control voltag			max	%Us %Us	75 115
DC coil operating DC rated control voltag	pick-up		max min	%Us %Us %Us	24 75 115
DC coil operating DC rated control voltag DC operating voltage	pick-up drop-out		max	%Us %Us	75 115
DC coil operating DC rated control voltag	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 25
DC coil operating DC rated control voltag DC operating voltage	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	24 75 115 10 25 2.3
DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 25
DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt  Max cycles frequency	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 25 2.3 2.3
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	24 75 115 10 25 2.3 2.3
DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 25 2.3 2.3
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation	pick-up  drop-out  ion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 25 2.3 2.3
DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 25 2.3 2.3
DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation Operating times	pick-up  drop-out  ion ≤20°C	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 25 2.3 2.3 3600
DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation Operating times	pick-up  drop-out  ion ≤20°C	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	24  75 115  10 25  2.3 2.3 3600
DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation Operating times	pick-up  drop-out  ion ≤20°C		max min max in-rush holding	%Us %Us %Us %Us W W	75 115 10 25 2.3 2.3 3600
DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation Operating times	pick-up  drop-out  ion ≤20°C	Closing NO Opening NO	max min max in-rush holding	%Us %Us %Us %Us W W	75 115 10 25 2.3 2.3 3600
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DC coil operating DC rated control voltag DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation Operating times	pick-up  drop-out  ion ≤20°C	Opening NO	max min max in-rush holding min max min max	%Us %Us %Us %Us W W cycles/h	24  75 115  10 25  2.3 2.3 3600  12 21

		Opening NC			
			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					
Contact rating of auxiliary contacts according to UL					A600 - Q600
Ambient conditions					
Temperature					
	Operating temperature	9			
			min	°C	-50
			max	°C	+70
	Storage temperature				
			min	°C	-60
_			max	°C	+80
Max altitude				m	3000
Resistance & Protection	on				
Pollution degree					3
Dimensions					



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