



Product designation				Auxiliary contactor
Product type designat	tion			BGF00
Contact characteristic				
Number of poles			Nr.	4
Rated insulation voltage	ge Ui IEC/EN		V	690
Rated impulse withsta			kV	6
Operational frequency	<u> </u>			
		min	Hz	25
		max	Hz	400
IEC Conventional free	air thermal current Ith		Α	10
Short-time allowable of	current for 10s (IEC/EN60947-1)		Α	0
Protection fuse	.,,			
		gG (IEC)	Α	16
Tightening torque for t	terminals	90 (.20)	- , ,	
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	Ibin	9
Tightening torque for o	coil terminal	max		
rightorning torquo for t		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	lbin	9
Max number of wires	simultaneously connectable	max	Nr.	2
Conductor section	simulatiously conficulatio		141.	
Conductor Scotlon	AWG/Kcmil			
	AWO/Remii	max		12
	Flexible w/o lug conductor section	max		12
	r lexible w/o lug coriductor section	min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section	max		2.0
	Ticklible 6/W lug confidence section	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section	тах		
	Tionible Will inculated opade lag conductor occitor	min	mm²	1.5
		max	mm²	2.5
		тах		IP20 when
Power terminal protect	ction according to IEC/EN 60529			properly wired
Mechanical features				1 -1 - 7
Operating position				
. 01		normal		Vertical plan
		allowable		±30°
F				Screw / DIN rail
Fixing				35mm
Weight			g	212



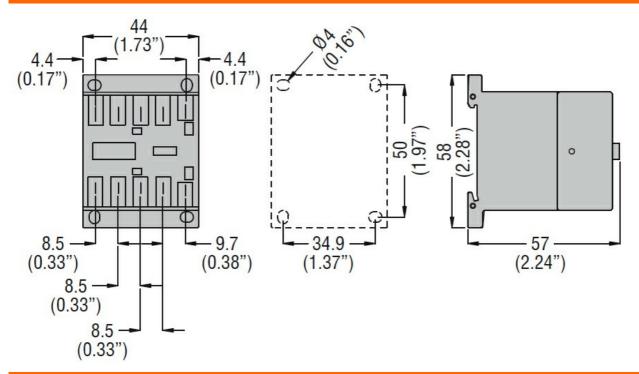


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Conductor section					
	AWG/kcmil conducto	r section			40
Auxiliary contact charact	etorietice		max		12
Thermal current Ith	J.G.IISUGS			А	10
IEC/EN 60947-5-1 des			A600 - Q600		
Operating current AC1	_				
			230V	Α	3
			400V	Α	1.9
			500V	Α	1.4
Operating current DC12	2				
			110V	Α	2.9
Operating current DC13	3			_	
			24V	A	2.9
			48V	A	1.4
			60V 125V	A A	1.1 0.3
			220V	A	0.3
			600V	A	0.6
Operations					
Mechanical life				cycles	20000000
Safety related data				•	
Performance level B10	d according to EN/ISC) 13489-1			
			mechanical load	cycles	20000000
Mirror contats accordin	g to IEC/EN 609474-4	-1			YES
EMC compatibility					yes
DC coil operating					
DC rated control voltag	e			V	24
· · · · · · · · · · · · · · · · · · ·				V	24
DC rated control voltag	e pick-up		min		
DC rated control voltag			min max	%Us	75
DC rated control voltag	pick-up		min max		
DC rated control voltag			max	%Us %Us	75 115
DC rated control voltag	pick-up			%Us %Us %Us	75 115
DC rated control voltage DC operating voltage	pick-up drop-out		max min	%Us %Us	75 115
DC rated control voltag	pick-up drop-out		max min	%Us %Us %Us	75 115
DC rated control voltage DC operating voltage Average coil consumpt	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 25
DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2
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	75 115 10 25 3.2 3.2
DC rated control voltage 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	75 115 10 25 3.2 3.2
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	75 115 10 25 3.2 3.2
DC rated control voltage 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 3.2 3.2
DC rated control voltage 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 holding	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Closing NO	min max in-rush holding	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage 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 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Closing NO Opening NO	min max in-rush holding	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	-	min max in-rush holding min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	-	min max in-rush holding min max min min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Opening NO	min max in-rush holding min max min min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Opening NO Closing NC	min max in-rush holding min max min max min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Opening NO	min max in-rush holding min max min max min max min max min max	%Us %Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600



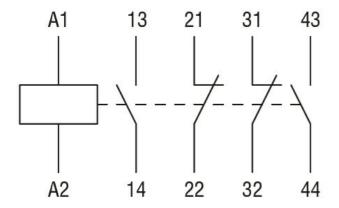
					_
			min	ms	7
			max	ms	17
	in DC				
		Closing NO			
			min	ms	18
			max	ms	25
		Opening NO			
		. 0	min	ms	2
			max	ms	3
		Closing NC			-
		0.00mg 110	min	ms	3
			max	ms	5
		Opening NC	Шах	1113	3
		Opening NC			44
			min	ms	11
			max	ms	17
UL technical data					
Contact rating of auxiliary contacts according to UL				A600 - Q600	
Ambient conditions					
Temperature					
	Operating temperature	•			
			min	°C	-50
			max	°C	+70
	Storage temperature				
	otorago tomporataro		min	°C	-60
			max	°C	+80
Max altitude			Παλ		3000
	20			m	3000
Resistance & Protection	on			III	
	n			-	3



Wiring diagrams



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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