



Product designation				Auxiliary contactor
Product type designat	ion			BGF00
Contact characteristics	5			
Number of poles			Nr.	4
Rated insulation voltage	ge Ui IEC/EN		V	690
Rated impulse withsta	nd voltage Uimp		kV	6
Operational frequency				
		min	Hz	25
		max	Hz	400
IEC Conventional free	air thermal current Ith		А	10
Short-time allowable of	current for 10s (IEC/EN60947-1)		Α	0
Protection fuse				
		gG (IEC)	А	16
Tightening torque for t	erminals	ge (e)		
rightening terque for t		min	Nm	0.8
		max	Nm	1
		min	Ibin	9
		max	Ibin	9
Tightening torque for c	coil terminal	Пах	10111	0
rightening torque for t		min	Nm	0.8
		max	Nm	1
		min	Ibin	9
			Ibin	9
Max number of wires	simultaneously connectable	max	Nr.	2
Conductor section			INI.	2
Conductor Section	AWG/Kcmil			
	Awg/Kcmii	200		12
	<u></u>	max		12
	Flexible w/o lug conductor section	min	ma ma 2	0.75
		min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section		m m 2	1 5
		min	mm²	1.5
	The Mills Mills is the second state of the second state of the	max	mm²	2.5
	Flexible with insulated spade lug conductor section			4 5
		min	mm²	1.5
		max	mm²	2.5
	tion according to IEC/EN 60529			IP20 when properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm



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Veight			g	222
Conductor section				
AWG/kcmil conductor	r 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	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
Dperations				
Mechanical life			cycles	20000000
Safety related data				
Performance level B10d according to EN/ISC	0 13489-1			
		mechanical load	cycles	20000000
Mirror contats according to IEC/EN 609474-4	-1			YES
EMC compatibility				yes
DC coil operating				
DC rated control voltage			V	48
DC operating voltage				
pick-up				
		min	%Us	75
		max	%Us	115
drop-out				
		min	%Us	10
		max	%Us	25
Average coil consumption ≤20°C				
		in-rush	W	3.2
		holding	W	3.2
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times				
Average time for Us control				
in AC				
	Closing NO			
	č	min	ms	12
		max	ms	21
	Opening NO		-	
		min	ms	9
		max	ms	18
	Closing NC			-
		min	ms	17
		max	ms	26
		man		

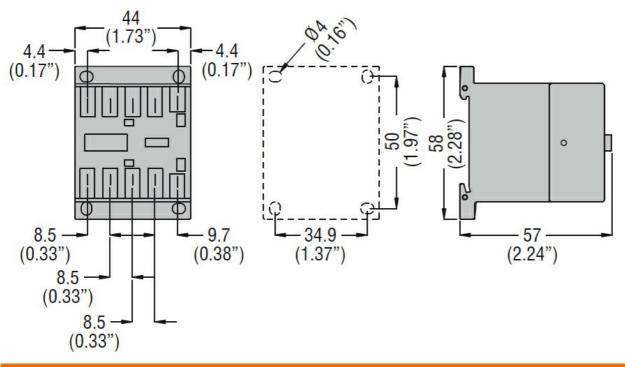
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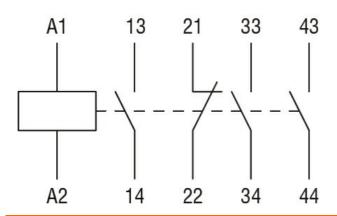
CONTROL RELAY WITH DC COIL, 48VDC, 3NO AND 1NC, FASTON TERMINALS

		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	e e construction de la construction				1000 0000
	ary contacts according to	D UL			A600 - Q600
Ambient conditions					
Temperature					
	Operating temperature	;	min	°C	F0
			min	°C	-50
			max	C	+70
	Storage temperature		min	°C	60
			min	°C	-60 +80
Max altitude			max		3000
Resistance & Protection	n			m	3000
					3
Pollution degree Dimensions					J
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