



Product designation			•	Auxiliary
Product type designat	ion			contactor BG00
Contact characteristic				ВСОО
Number of poles			Nr.	4
Rated insulation voltage	de 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		Α	10
Protection fuse				
		gG (IEC)	Α	16
Tightening torque for t	erminals			
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	lbin	9
Tightening torque for o	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		2	
		min	mm²	1.5
	Florible with insulated and deliver and business disc	max	mm²	2.5
	Flexible with insulated spade lug conductor section	min	mm²	1 F
		min	mm²	1.5
-		max	mm²	2.5 IP20 when
Power terminal protect			properly wired	
Mechanical features				property whed
Operating position				
a political poolition		normal		Vertical plan
		allowable		±30°
				Screw / DIN rail
Fixing				35mm
Weight			g	206
<u> </u>			3	



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11BG0040L024

Conductor section					-
	AWG/kcmil condu	ictor section			
A Management of the co	at a dark a		max		12
Auxiliary contact chara	cteristics			^	4.0
Thermal current Ith	nian ation			Α	10
IEC/EN 60947-5-1 des Operating current AC1	-				A600 - Q600
Operating current ACT	3		230V	Α	3
			400V	A	1.9
			500V	A	1.4
Operating current DC1	2				
operaning carroin a co			110V	Α	2.9
Operating current DC1	3				
			24V	Α	2.9
			48V	Α	1.4
			60V	Α	1.2
			110V	Α	0.6
			125V	Α	0.55
			220V	Α	0.3
			600V	Α	0.1
Operations					
Mechanical life				cycles	20000000
Safety related data	0.1 U	// O. A.			
Performance level B10	Od according to EN/	ISO 13489-1			
N.41	. JEO/EN 000 47		mechanical load	cycles	20000000
Mirror contats according	ng to IEC/EN 60947	4-4-1			YES
EMC compatibility					VAC
					yes
DC coil operating	20			V	
DC coil operating DC rated control voltage	ge			V	24
DC coil operating	-			V	
DC coil operating DC rated control voltage	ge pick-up		min		24
DC coil operating DC rated control voltage	-		min max	%Us	24 75
DC coil operating DC rated control voltage	pick-up		min max		24
DC coil operating DC rated control voltage	-			%Us	24 75
DC coil operating DC rated control voltage	pick-up		max	%Us %Us	75 115
DC coil operating DC rated control voltage	pick-up drop-out		max min	%Us %Us %Us	24 75 115
DC coil operating DC rated control voltage DC operating voltage	pick-up drop-out		max min	%Us %Us %Us	24 75 115
DC coil operating DC rated control voltage DC operating voltage	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 20
DC coil operating DC rated control voltage DC operating voltage Average coil consump	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us %Us	24 75 115 10 20 2.3 2.3
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO	max min max in-rush holding	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3 3600
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO	max min max in-rush holding	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3 3600
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	-	max min max in-rush holding	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3 3600
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DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Opening NO	min max in-rush holding min max min max	%Us %Us %Us %Us W W cycles/h	24 75 115 10 20 2.3 2.3 3600 12 21

AC current

10

Α



Opening NC

		min	ms	7
		max	ms	17
n 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

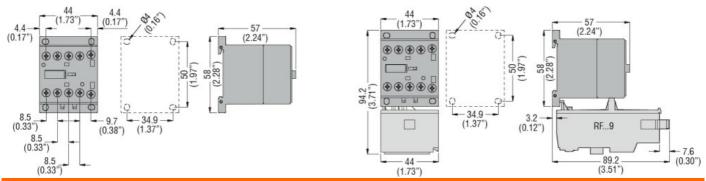
UL technical data

General USE

Contactor

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

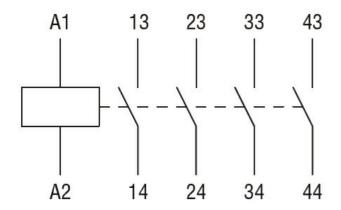
Dimensions



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

cULus

EAC

ETIM classification

ETIM 8.0

EC000196 -Contactor relay