



Product designation				Auxiliary
Product type designat	lion			contactor BG00
Contact characteristic				BG00
Number of poles	5		Nr.	4
Rated insulation voltage	ne Lli IEC/EN		V	690
Rated impulse withsta	-		kV	6
Operational frequency				0
oporational nequency		min	Hz	25
		max	Hz	400
IEC Conventional free	air thermal current Ith	max	A	10
Protection fuse				
		gG (IEC)	А	16
Tightening torque for t	terminals	90 (ILO)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	10
rightening torque for t		min	Nm	0.8
		max	Nm	1
		min	Ibin	9
		max	Ibin	9
Tightening torque for a	coil terminal	max	10111	•
		min	Nm	0.8
		max	Nm	1
		min	Ibin	9
		max	Ibin	9
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section	max		•=
		min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section			
		min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section			-
		min	mm²	1.5
		max	mm²	2.5
				IP20 when
Power terminal protec	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fiving				Screw / DIN rail
Fixing				35mm
Weight			g	214



Conductor section

AWG/kcmil conductor section

AWG/Kemir cond		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	А	1.4
Operating current DC12				
		110V	А	2.9
Operating current DC13				
		24V	А	2.9
		48V	А	1.4
		60V	А	1.2
		110V	А	0.6
		125V	А	0.55
		220V	А	0.3
		600V	А	0.1
Operations				
Mechanical life			cycles	2000000
Safety related data				
Performance level B10d according to EN	I/ISO 13489-1			
		mechanical load	cycles	2000000
Mirror contats according to IEC/EN 6094	74-4-1			YES
EMC compatibility				yes
DC coil operating				
DC coil operating DC rated control voltage			V	125
			V	125
DC rated control voltage			V	125
DC rated control voltage DC operating voltage		min	V %Us	<u>125</u> 75
DC rated control voltage DC operating voltage		min max		
DC rated control voltage DC operating voltage			%Us	75
DC rated control voltage DC operating voltage pick-up			%Us	75
DC rated control voltage DC operating voltage pick-up drop-out		max	%Us %Us	75 115
DC rated control voltage DC operating voltage pick-up		max min	%Us %Us %Us	75 115 10
DC rated control voltage DC operating voltage pick-up drop-out		max min	%Us %Us %Us	75 115 10
DC rated control voltage DC operating voltage pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 20
DC rated control voltage DC operating voltage pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	75 115 10 20 3.2
DC rated control voltage DC operating voltage pick-up drop-out Average coil consumption ≤20°C		max min max in-rush	%Us %Us %Us %Us W	75 115 10 20 3.2 3.2
DC rated control voltage DC operating voltage pick-up drop-out Average coil consumption ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times   Average time for Us control	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2 3600
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times   Average time for Us control	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2 3600
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times   Average time for Us control		max min max in-rush holding	%Us %Us %Us %Us W W V	75 115 10 20 3.2 3.2 3600
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times   Average time for Us control	Closing NO Opening NO	max min max in-rush holding min max	%Us %Us %Us W W W cycles/h	75 115 10 20 3.2 3.2 3600 12 21
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times   Average time for Us control		max min max in-rush holding min	%Us %Us %Us W W W cycles/h	75 115 10 20 3.2 3.2 3600 12 21 9
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times   Average time for Us control	Opening NO	max min max in-rush holding min max	%Us %Us %Us W W V cycles/h	75 115 10 20 3.2 3.2 3600 12 21
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times   Average time for Us control		max min max in-rush holding min max min max	%Us %Us %Us %Us W W vv cycles/h	75 115 10 20 3.2 3.2 3600 12 21 9 18
DC rated control voltage   DC operating voltage   pick-up   drop-out   Average coil consumption ≤20°C   Max cycles frequency   Mechanical operation   Operating times   Average time for Us control	Opening NO	max min max in-rush holding min max min	%Us %Us %Us %Us W W vv cycles/h	75 115 10 20 3.2 3.2 3600 12 21 9



CONTROL RELAY WITH DC COIL, 125VDC, 2NO AND 2NC . .

		Opening NC	2			
			m	in ms	7	
			ma		17	
	in DC					
		Closing NO				
		g	m	in ms	18	
			ma		25	
		Opening NC			20	
		oponingree	r m	in ms	2	
			ma		3	
		Closing NC			U	
		Closing NO	m	in ms	3	
					5	
			na N	ax ms	5	
		Opening NC		in ma	11	
			m		11 17	
			ma	ax ms	17	
UL technical data						
General USE						
	Contactor					
			AC curre	nt A	10	
	xiliary contacts according t	o UL			A600 -	Q600
Ambient conditions						
Temperature						
	Operating temperature	e				
			m		-50	
			ma	ax °C	+70	
	Storage temperature					
			m	in °C	-60	
			ma	ax °C	+80	
Max altitude				m	3000	
Resistance & Prote	ction					
Pollution degree					3	
Dimensions					-	
	4					
4.4 (0.17") (0.1"	4 7") \$ 6 (2.24") (2.24")		44 (1.73") (1.73")	- <b>- -</b>	- 57	
(0.17) φ φ				3		
<u>به</u> ی ک				()		
	50 (1.97") (2.28")			(1.97 58 (2.28		
*****			94.2 0 • • • • • • • • • • • • • • • • • • •	· [*		
				32		
8.5 (0.33") (0.38	- 34.9 3") (1.37")		(1.37")	3.2 (0.12")	RF9	
8.5 (0.33")						
(0.00 )			F.	~~~	· /	76
				_	,, 89.2 (3.51")	
(0.33") Wiring diagrams			(1.73")		89.2 (3.51")	



## 11BG0022D125 CONTROL RELAY WITH DC COIL, 125VDC, 2NO AND 2NC

13 21 31 43 A1 32 A2 22 14 44

## 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