



Product designation				Auxiliary contactor
Product type designat				BG00
Contact characteristics	S			•
Number of poles	111150/51		Nr.	4
Rated insulation voltage			V	690
Rated impulse withsta			kV	6
Operational frequency				
		min	Hz	25
IEO O	25 (1 1 1))	max	Hz	400
IEC Conventional free air thermal current Ith			Α	10
Protection fuse		~O (IEO)	۸	40
		gG (IEC)	A	16
Tightening torque for t	erminais		N. 1	0.0
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
Tightonia a torque for a	sail to main al	max	lbin	9
Tightening torque for o	con terminal	min	Nim	0.0
		min	Nm Nm	0.8
		max min	lbin	1 9
		max	lbin	9
Max number of wires	cimultaneously connectable	Пах	Nr.	2
Max number of wires simultaneously connectable Conductor section			INI.	
Conductor Section	AWG/Kcmil			
	AWO/Reniii	max		12
	Flexible w/o lug conductor section	max		12
	rickible w/o lag conductor section	min	mm²	0.8
		max	mm²	2.5
	Flexible c/w lug conductor section			
	. To the of the range of the control	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section			
	, ,	min	mm²	1.5
		max	mm²	2.5
Power terminal protect	tion according to IEC/EN 60529			IP20
Mechanical features				
Operating position				
- ·		normal		Vertical plan
		allowable		±30°
Eiving				Screw / DIN rail
Fixing				35mm
Weight			g	200
Conductor section				



AWG/kcmil conductor section

	AVVG/kcmii conductor section	max		12
Auxiliary contact charac	cteristics	тах		12
Thermal current Ith			Α	10
IEC/EN 60947-5-1 des	ignation			A600 - Q600
Operating current AC1	<u> </u>			
- p		230V	Α	3
		400V	Α	1.9
		500V	Α	1.4
Operating current DC1	2			
,		110V	Α	2.9
Operating current DC13				
3		24V	Α	2.9
		48V	Α	1.4
		60V	Α	1.2
		110V	A	0.6
		125V	A	0.55
		220V	A	0.3
		600V	A	0.3
Operations		000 V	^	V. I
Mechanical life			cycles	20000000
Safety related data			cycles	2000000
	od according to EN/ISO 13489-1			
renormance level bit	d according to EN/130 13469-1	machanical load	ovoloo	20000000
NA'	. 1. IEO/EN 000474 4 4	mechanical load	cycles	
	g to IEC/EN 609474-4-1			YES
EMC compatibility				YES
AC coil operating				
Rated AC voltage at 50	0/60Hz		V	230
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	75
		max	%Us	115
	drop-out			
		min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
		max	%Us	115
	drop-out			
	·	min	%Us	20
		max	%Us	55
AC average coil consu	mption at 20°C			
9	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	30
		holding	VA	4
	of 50/60Hz coil powered at 60Hz	110101119		·
	5. 55/55/12 55/1 portorod at 50/12	in-rush	VA	25
		holding	VA	3
	of 60Hz coil powered at 60Hz	Holding	V/N	
	or our iz con powered at our iz	in-rush	VA	30
		holding	VA VA	4
		Holding	٧٨	7

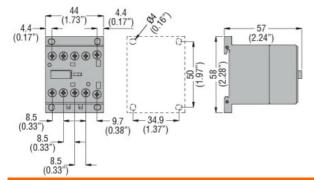


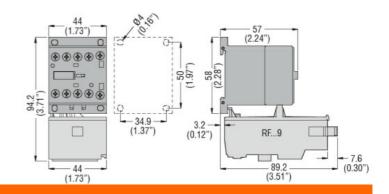
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Dissinction at holding	. <20°C 50∐-			W	0.9
Dissipation at holding Max cycles frequency				VV	0.9
Mechanical operation				cycles/h	3600
				sycies/fi	3000
Operating times Average time for Us of	pontrol				
Average time for US (in AC				
	III AC	Closing NO			
		Closing NO	min	ms	12
			max	ms	21
		Opening NO	IIIax	1115	21
		Opening NO	min	ms	9
			max	ms	18
		Closing NC	IIIax	1115	10
		Closing NC	min	me	17
				ms	
		Opening NC	max	ms	26
		Opening NC	min	me	7
				ms	
	in DC		max	ms	17
	In DC	Clasina NO			
		Closing NO			40
			min	ms	18
		On anima NO	max	ms	25
		Opening NO			0
			min	ms	2
		Ola alia a NO	max	ms	3
		Closing NC	•.		0
			min	ms	3
		0 NO	max	ms	5
		Opening NC	•.		44
			min	ms	11
till control of the Late			max	ms	17
UL technical data					
General USE					
	Contactor		• •		
			AC current	Α	10
	liary contacts according	to UL			A600 - Q600
Ambient conditions					
Temperature					
	Operating temperature	re	,	0.0	5 0
			min	°C	-50
			max	°C	+70
	Storage temperature				
			min	°C	-60
			max	°C	+80
Max altitude				m	3000
Resistance & Protect	ion				
Dallatian dansa					3
Pollution degree Dimensions					Ü

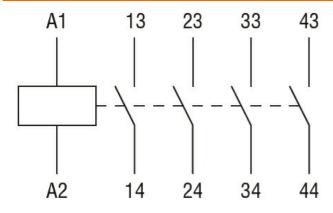


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Wiring diagrams



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