



Product designation				Auxiliary
_	tion.			contactor
Product type designat				BG00
Contact characteristic	8			4
Number of poles	as Listec/EN		nr. V	690
Rated insulation voltage			kV	6
Rated impulse withsta	· .		KV	0
Operational frequency	/	min	LI-	25
		min	Hz ⊔-	25
IFC Conventional free	e air thermal current Ith	max	Hz A	400 10
-			Α	10
Operational current le		AC 1 (<10°C)	۸	400
01		AC-1 (≤40°C)	A	160
	current for 10s (IEC/EN60947-1)		Α	0
Protection fuse		C (IEC)	۸	4.0
Tale or design to the control of	G	gG (IEC)	A	16
Tightening torque for t	terminais			0.0
		min	Nm	0.8
		max	Nm	1
		min	Ibin	0.59
Tightaning tages of an	a all to was in a l	max	lbin	0.74
Tightening torque for coil terminal			Nina	0.0
		min	Nm Nas	0.8
		max	Nm	1
		min	lbft lbft	0.8 0.74
May number of wires	simultaneously connectable	max		2
Conductor section	Simultaneously connectable		nr.	
Conductor Section	Florible w/e lug conductor acction			
	Flexible w/o lug conductor section	min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section	Шах	111111	2.5
	Flexible C/W lug colludctor section	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section		111111	۷.0
	i ionibie with insulated spade lug conductor section	min	mm²	1.5
		max	mm²	2.5
Power terminal protect	ction according to IEC/EN 60529	тих		IP20 when wired
Mechanical features				ii 20 wildii wildu
Operating position			_	
Sporading position		normal		vertical plan
		allowable		±30°
		anomanio		Screw / DIN rail
Fixing				35mm
Weight			g	220
- 3 ·			9	=



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Auxiliary contact charact	cteristics			
Type of contact	5.0115.1105			4 NO
Thermal current Ith			Α	10
IEC/EN 60947-5-1 des	ignation			A600 - Q600
Operating current AC1	5			
		230V	Α	3
		400V	Α	1.9
		500V	Α	1.4
Operating current DC1	2			
		110V	Α	2.9
Operating current DC1	3	.		
		24V	A	2.9
		48V	A	1.4
		60V	A	1.2
		110V	A	0.6
		125V	A	0.55
		220V	A	0.3
O a series of the series		600V	Α	0.1
Operations Machanical life			av al a a	2000000
Mechanical life			cycles	20000000
Safety related data	0d according to FN/ISO 12100 1			
Performance level BTC	d according to EN/ISO 13489-1		avalaa.	2000000
Misses contate consulin	- to ICC/CN CO0474 4 4	mechanical load	cycles	20000000
-	ng to IEC/EN 609474-4-1			true
EMC compatibility				Yes
AC coil operating)/COLI- COLI-			
Rated AC voltage at 50	0/60HZ, 60HZ			40
		min	V	12
AC an arcting valtage	+ 20°C	max	V	575
AC operating voltage a				
	of 50/60Hz coil powered at 50Hz	2 1		00
		in-rush	VA	30
	-f 50/001	holding	VA	4
	of 50/60Hz coil powered at 60Hz	in much	\	0.5
		in-rush	VA	25
	10011	holding	VA	3
	of 60Hz coil powered at 60Hz	ا	١/٨	20
		in-rush	VA VA	30
Discipation at halding	20°C 50H-	holding	VA	4
Dissipation at holding some DC coil operating	SZU C DUFIZ		W	0.9
DC rated control voltage				
Do Taled Control Voltag	IC	,	\/	6
		min	V V	6 250
DC operating voltage		max	V	200
Do operating voitage	nick-up			
	pick-up	min	%Us	75
		min		75 115
		may	0/₋I Iດ	
	dron-out	max	%Us	110
	drop-out			
	drop-out	min	%Us	10
Average coil consumpt				
Average coil consumpt		min max	%Us %Us	10 20
Average coil consumpt		min	%Us	10

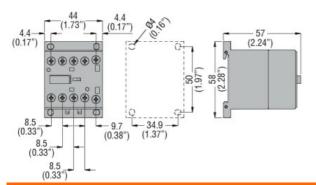


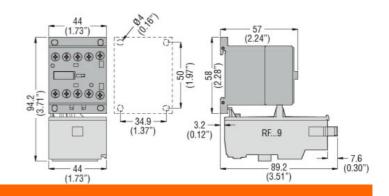
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			holding	W	3.2
Max cycles frequency				avala a /b	2000
Mechanical operations Operating times				cycles/h	3600
Average time for Us co	ntrol				
Average lime for 03 co	in AC				
		Closing NO			
		9	min	ms	12
			max	ms	21
		Opening NO			
			min	ms	9
			max	ms	18
		Closing NC			
			min	ms	17
			max	ms	26
		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
		0 NO	max	ms	5
		Opening NC			44
			min	ms	11
III. to choice I date			max	ms	17
UL technical data	un a contracta a consulia e to	1 11			ACOO OCOO
	ry contacts according to	UL			A600 - Q600
General USE	Cantastar				
	Contactor		AC current	Α	160
Ambient conditions			AC current	A	100
Temperature					
remperature	Operating temperature				
	Operating temperature		min	°C	-40
			max	°C	60
	Storage temperature		παχ		
	otorage temperature		min	°C	-55
			max	°C	70
Max altitude			illax	m	3000
Resistance & Protectio	n			111	
Pollution degree	· · · · · · · · · · · · · · · · · · ·				3
Dimensions					
Difficholoffs					

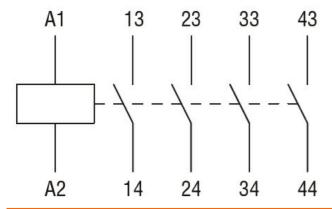


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Wiring diagrams



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

cULus

EAC

ETIM 6 classification

EC000066 - Power contactor, AC switching