



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	air thormal aurrent lth	max	Hz A	400 10
IEC Conventional free air thermal current Ith			Α	10
Operational current le		AC 1 (<10°C)	۸	400
01		AC-1 (≤40°C)	A	160
Short-time allowable of		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 o	con terminar		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 corluctor 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 whom whod
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 chara	acteristics			
Type of contact				4 NO
Thermal current Ith			Α	10
IEC/EN 60947-5-1 des	signation			A600 - Q600
Operating current AC1				
, ,		230V	Α	3
		400V	Α	1.9
		500V	Α	1.4
Operating current DC1	12			
		110V	Α	2.9
Operating current DC1	13			
		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				
Performance level B1	0d according to EN/ISO 13489-1			
		mechanical load	cycles	20000000
Mirror contats according	ng to IEC/EN 609474-4-1			true
EMC compatibility				Yes
AC coil operating				
Rated AC voltage at 5	0/60Hz, 60Hz			
		min	V	12
		min max	V V	12 575
AC operating voltage a	at 20°C			
AC operating voltage a	at 20°C of 50/60Hz coil powered at 50Hz			575
AC operating voltage a		max in-rush	V	30
AC operating voltage a	of 50/60Hz coil powered at 50Hz	max	V	575
AC operating voltage a		max in-rush holding	V VA VA	30 4
AC operating voltage a	of 50/60Hz coil powered at 50Hz	in-rush holding in-rush	V VA VA	30 4 25
AC operating voltage a	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz	max in-rush holding	V VA VA	30 4
AC operating voltage a	of 50/60Hz coil powered at 50Hz	in-rush holding in-rush holding	V VA VA VA	575 30 4 25 3
AC operating voltage a	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz	in-rush holding in-rush holding in-rush	V VA VA VA VA	575 30 4 25 3
	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz	in-rush holding in-rush holding	VAVAVA	575 30 4 25 3 30 4
Dissipation at holding	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz	in-rush holding in-rush holding in-rush	V VA VA VA VA	575 30 4 25 3
Dissipation at holding DC coil operating	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz	in-rush holding in-rush holding in-rush	VAVAVA	575 30 4 25 3 30 4
Dissipation at holding	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz	in-rush holding in-rush holding in-rush holding	VAVAVA	575 30 4 25 3 30 4 0.9
Dissipation at holding DC coil operating	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz	in-rush holding in-rush holding in-rush holding min-rush	V VA	575 30 4 25 3 30 4 0.9
Dissipation at holding DC coil operating DC rated control voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz	in-rush holding in-rush holding in-rush holding	VAVAVA	575 30 4 25 3 30 4 0.9
Dissipation at holding DC coil operating	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz ge	in-rush holding in-rush holding in-rush holding min-rush	V VA	575 30 4 25 3 30 4 0.9
Dissipation at holding DC coil operating DC rated control voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz	in-rush holding in-rush holding in-rush holding min-rush holding	V VA	30 4 25 3 30 4 0.9
Dissipation at holding DC coil operating DC rated control voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz ge	in-rush holding in-rush holding in-rush holding min-rush holding min	V VA VA VA VA VA VA VA W VV V	575 30 4 25 3 30 4 0.9
Dissipation at holding DC coil operating DC rated control voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz ge pick-up	in-rush holding in-rush holding in-rush holding min-rush holding	V VA	30 4 25 3 30 4 0.9
Dissipation at holding DC coil operating DC rated control voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz ge	in-rush holding in-rush holding in-rush holding in-rush min max	V VA VA VA VA VA VA V V V V V V S WUS	575 30 4 25 3 30 4 0.9 6 250 75 115
Dissipation at holding DC coil operating DC rated control voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz ge pick-up	in-rush holding in-rush holding in-rush holding in-rush molding	V VA	575 30 4 25 3 30 4 0.9 6 250 75 115
Dissipation at holding DC coil operating DC rated control voltage DC operating voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz ge pick-up drop-out	in-rush holding in-rush holding in-rush holding in-rush min max	V VA VA VA VA VA VA V V V V V V S WUS	575 30 4 25 3 30 4 0.9 6 250 75 115
Dissipation at holding DC coil operating DC rated control voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz ge pick-up drop-out	in-rush holding in-rush holding in-rush holding in-rush holding min max min max	V VA VA VA VA VA VA VA W V V V V %Us %Us %Us %Us	575 30 4 25 3 30 4 0.9 6 250 75 115 10 20
Dissipation at holding DC coil operating DC rated control voltage DC operating voltage	of 50/60Hz coil powered at 50Hz of 50/60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz ≤20°C 50Hz ge pick-up drop-out	in-rush holding in-rush holding in-rush holding in-rush molding	V VA	575 30 4 25 3 30 4 0.9 6 250 75 115

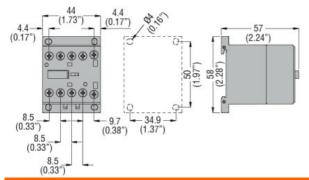


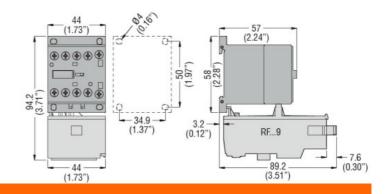
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			holding	W	3.2
Max cycles frequency					2222
Mechanical operations Operating times				cycles/h	3600
Average time for Us co	entrol				
morage anno recessor	in AC				
		Closing NO			
			min	ms	12
			max	ms	21
		Opening NO			_
			min	ms	9
		Closing NC	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
		Opening NO	max	ms	25
		Opening NO	min	ms	2
			max	ms	3
		Closing NC			
		J	min	ms	3
			max	ms	5
		Opening NC			
			min	ms	11
			max	ms	17
UL technical data	any contacts according to	1.11			A600 O600
General USE	ary contacts according to	UL			A600 - Q600
General OSL	Contactor				
	Contactor		AC current	Α	160
Ambient conditions					
Temperature					
	Operating temperature				
			min	°C	-40
			max	°C	60
	Storage temperature		•	°C	 -
			min	°C °C	-55 70
Max altitude			max	m	3000
Resistance & Protection	on			111	3000
Pollution degree					3
Dimensions					

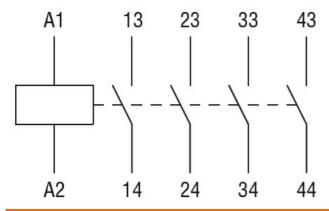


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Wiring diagrams



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