



Product designation				Auxiliary contactor
Product type designati				BG00
Contact characteristics			Nia	4
Number of poles	- LEIFO/FN		Nr. V	4
Rated insulation voltage				690
Rated impulse withstar			kV	6
Operational frequency			1.1-	0.5
		min	Hz	25
IFO Osassantisas al fassa	ain the arrest account the	max	Hz	400
IEC Conventional free	air thermal current Ith		Α	10
Protection fuse		0 (150)		4.0
		gG (IEC)	Α	16
Tightening torque for to	erminals			
		min	Nm	0.8
		max	Nm	1
		min	Ibin	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 s	simultaneously connectable		Nr.	2
Conductor section	·			
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section			
	The same transfer and	min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section	max		
	r lexible of wriag conductor section	min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section	max		2.0
	r lexible with insulated space tug conductor section	min	mm²	1.5
		max	mm²	2.5
-		Παλ	111111	IP20 when
Power terminal protection according to IEC/EN 60529				properly wired
Mechanical features				property wired
Operating position				
operating position		normal		Vertical plan
		allowable		±30°
		allowable		
Fixing				Screw / DIN rail 35mm
Mojaht				
Weight			g	216



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Conductor section					
	AWG/kcmil conduc	tor section			
A	ata dati a		max		12
Auxiliary contact characteristics Thermal current Ith	cteristics			۸	10
IEC/EN 60947-5-1 des	ignation			Α	A600 - Q600
Operating current AC1					A600 - Q600
Operating current ACT	3		230V	Α	3
			400V	A	1.9
			500V	A	1.4
Operating current DC1	2				
3			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		20.40.40			
Performance level B10	d according to EN/IS	SO 13489-1			
			mechanical load	cycles	20000000
Mirror contats according	ig to IEC/EN 609474	-4-1			YES
EMC compatibility					
					yes
DC coil operating	10			V	
DC coil operating DC rated control voltage	je			V	125
DC coil operating				V	
DC coil operating DC rated control voltage	ge pick-up		min		125
DC coil operating DC rated control voltage			min max	%Us	125 75
DC coil operating DC rated control voltage	pick-up		min max		125
DC coil operating DC rated control voltage				%Us	125 75
DC coil operating DC rated control voltag DC operating voltage	pick-up drop-out		max	%Us %Us	125 75 115
DC coil operating DC rated control voltage	pick-up drop-out		max min	%Us %Us %Us	125 75 115
DC coil operating DC rated control voltag DC operating voltage	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us %Us	125 75 115 10 20
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt	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 consumpt Max cycles frequency	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	125 75 115 10 20 3.2 3.2
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us %Us	125 75 115 10 20 3.2 3.2
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt 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	125 75 115 10 20 3.2 3.2
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	125 75 115 10 20 3.2 3.2
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt 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	125 75 115 10 20 3.2 3.2
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt 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	75 115 10 20 3.2 3.2 3600
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt 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	125 75 115 10 20 3.2 3.2 3600
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt 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	75 115 10 20 3.2 3.2 3600
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO Opening NO	max min max in-rush holding min max	%Us %Us %Us %Us W W cycles/h	125 75 115 10 20 3.2 3.2 3600
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	-	min max in-rush holding min max min max	%Us %Us %Us %Us W W cycles/h	125 75 115 10 20 3.2 3.2 3600
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DC coil operating DC rated control voltage DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	-	min max in-rush holding min max min max	%Us %Us %Us %Us W W cycles/h	125 75 115 10 20 3.2 3.2 3600 12 21
DC coil operating DC rated control voltage DC operating voltage Average coil consumpt 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	125 75 115 10 20 3.2 3.2 3600

AC current

10

Α



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
		max	ms	5
	Opening NC			
		min	ms	11
		max	ms	17

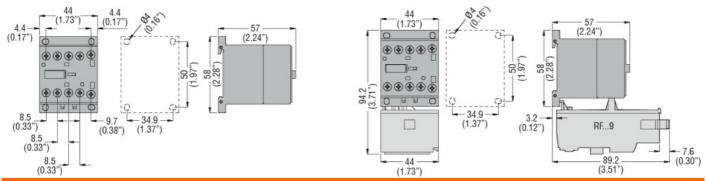
UL technical data

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 & Protect	tion			
Pollution degree				3

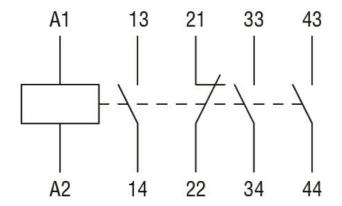
Dimensions



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

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000196 -Contactor relay