



Product decignation				Auxiliary
Product designation				contactor
Product type designa				BG00
Contact characteristic	CS			
Number of poles			Nr.	4
Rated insulation volta			V	690
Rated impulse withsta	and voltage Uimp		kV	6
Operational frequency	у			
		min	Hz	25
		max	Hz	400
IEC Conventional free	e air thermal current Ith		А	10
Protection fuse				
		gG (IEC)	А	16
Tightening torque for	terminals			
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	lbin	9
Tightening torque for	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	lbin	9
Max number of wires	simultaneously connectable		Nr.	2
Conductor section	· · · · · · · · · · · · · · · · · · ·			
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section			
	0	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
	ation according to IEO/EN COECO			IP20 when
Power terminal protection according to IEC/EN 60529				properly wired
Mechanical features				· · ·
Operating position				
		normal		Vertical plan
		allowable		±30°
				Screw / DIN rai
<u>-</u>				
Fixing				35mm

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Conductor section

AWG/kcmil conductor section

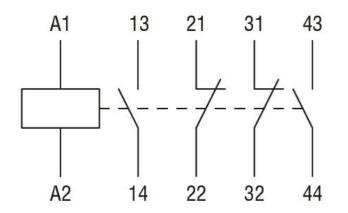
	max		12
Auxiliary contact characteristics			
Thermal current Ith		А	10
IEC/EN 60947-5-1 designation			A600 - Q600
Operating current AC15			
	230V	А	3
	400V	А	1.9
	500V	А	1.4
Operating current DC12			
	110V	А	2.9
Operating current DC13			
	24V	А	2.9
	48V	А	1.4
	60V	А	1.2
	110V	А	0.6
	125V	A	0.55
	220V	A	0.3
	600V	A	0.1
Operations			0000000
Mechanical life		cycles	20000000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	mechanical load	cycles	2000000
Mirror contats according to IEC/EN 609474-4-1 EMC compatibility			YES
			Ves
			yes
DC coil operating		M	
DC coil operating DC rated control voltage		V	24
DC coil operating DC rated control voltage DC operating voltage		V	
DC coil operating DC rated control voltage	min		24
DC coil operating DC rated control voltage DC operating voltage	min	%Us	24 75
DC coil operating DC rated control voltage DC operating voltage pick-up	min max		24
DC coil operating DC rated control voltage DC operating voltage	max	%Us %Us	24 75 115
DC coil operating DC rated control voltage DC operating voltage pick-up	maxmin	%Us %Us %Us	24 75 115 10
DC coil operating DC rated control voltage DC operating voltage pick-up drop-out	max	%Us %Us	24 75 115
DC coil operating DC rated control voltage DC operating voltage pick-up	max min max	%Us %Us %Us %Us	24 75 115 10 20
DC coil operating DC rated control voltage DC operating voltage pick-up drop-out	max min max in-rush	%Us %Us %Us %Us W	24 75 115 10 20 2.3
DC coil operating         DC rated control voltage         DC operating voltage         pick-up         drop-out	max min max	%Us %Us %Us %Us	24 75 115 10 20
DC coil operating         DC rated control voltage         DC operating voltage         pick-up         drop-out    Average coil consumption ≤20°C          Max cycles frequency	max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3
DC coil operating         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	24 75 115 10 20 2.3 2.3
DC coil operating         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	24 75 115 10 20 2.3 2.3
DC coil operating         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	24 75 115 10 20 2.3 2.3
DC coil operating         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	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3
DC coil operating         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         in AC	max min max in-rush	%Us %Us %Us %Us W W	24 75 115 10 20 2.3 2.3
DC coil operating         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         in AC	max min max in-rush holding	%Us %Us %Us %Us W W V	24 75 115 10 20 2.3 2.3 3600
DC coil operating         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         in AC	max min max in-rush holding min	%Us %Us %Us W W W cycles/h	24 75 115 10 20 2.3 2.3 3600 12
DC coil operating         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         in AC         Closing NO	max min max in-rush holding min	%Us %Us %Us W W W cycles/h	24 75 115 10 20 2.3 2.3 3600 12
DC coil operating         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         in AC         Closing NO	max min max in-rush holding min max	%Us %Us %Us W W V cycles/h	24 75 115 10 20 2.3 2.3 3600 12 21
DC coil operating         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         in AC         Closing NO	max min max in-rush holding min max min	%Us %Us %Us W W V cycles/h	24 75 115 10 20 2.3 2.3 3600 12 21 9
DC coil operating         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 in AC         Closing NO         Opening NO	max min max in-rush holding min max min	%Us %Us %Us W W V cycles/h	24 75 115 10 20 2.3 2.3 3600 12 21 9

11BG0022L024



Opening NC min	ms	7
max	ms	17
in DC	1113	11
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		
AC current	А	10
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 & Protection		
Pollution degree		3
Dimensions		
<i>и</i>		-
		57
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	<u>5 (07.7)</u>	





## 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 classificatio	n	
ETIM 8.0		EC000196 - Contactor relay

11BG0022L024