



Product designation				Auxiliary
Product type designat	ion			contactor BG00
Contact characteristic				DOOD
Number of poles			Nr.	4
Rated insulation voltage	ne Ui IEC/EN		V	690
Rated impulse withsta			kV	6
Operational frequency				
		min	Hz	25
		max	Hz	400
IEC Conventional free	air thermal current Ith		A	10
Protection fuse				
		gG (IEC)	А	16
Tightening torque for t	erminals	<u> </u>		
0 0 1		min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	lbin	9
Tightening torque for a	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			
		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
Power terminal protection according to IEC/EN 60529				IP20 when
· · ·				properly wired
Mechanical features				
Operating position				Vention
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			C	220
vv cigiii			g	220



Conductor section

AWG/kcmil conductor section

		0001011	max		12
Auxiliary contact chara	cteristics				
Thermal current Ith				А	10
IEC/EN 60947-5-1 des	signation				A600 - Q600
Operating current AC1	5				
			230V	А	3
			400V	А	1.9
			500V	А	1.4
Operating current DC1	2				
			110V	А	2.9
Operating current DC1	3				
			24V	А	2.9
			48V	А	1.4
			60V	А	1.2
			110V	А	0.6
			125V	А	0.55
			220V	А	0.3
			600V	А	0.1
Operations					
Mechanical life				cycles	20000000
Safety related data				,	
-	0d according to EN/ISO	13489-1			
	0		mechanical load	cycles	2000000
Mirror contats accordir	ng to IEC/EN 609474-4-	1		- ,	YES
EMC compatibility	······································	·			yes
					<i>j</i>
DC coll operating					
DC coil operating DC rated control voltage	ge			V	24
DC rated control voltage	ge			V	24
	-			V	24
DC rated control voltage	ge pick-up		min		
DC rated control voltage	-		min max	%Us	75
DC rated control voltage	pick-up		min max		
DC rated control voltage	-		max	%Us %Us	75 115
DC rated control voltage	pick-up		max min	%Us %Us %Us	75 115 10
DC rated control voltage	pick-up drop-out		max	%Us %Us	75 115
DC rated control voltage	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 20
DC rated control voltage	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	75 115 10 20 3.2
DC rated control voltage DC operating voltage	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 20
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump 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	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation	pick-up drop-out tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 20 3.2 3.2
DC rated control voltag DC operating voltage Average coil consump 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 rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Closing NO	max min max in-rush holding min	%Us %Us %Us %Us W W vv cycles/h	75 115 10 20 3.2 3.2 3600
DC rated control voltag DC operating voltage Average coil consump 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 rated control voltag DC operating voltage Average coil consump 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 W W V cycles/h	75 115 10 20 3.2 3.2 3600 12 21
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	-	max min max in-rush holding min max min	%Us %Us %Us W W V cycles/h ms ms	75 115 10 20 3.2 3.2 3600 12 21 9
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Opening NO	max min max in-rush holding min max	%Us %Us %Us W W V cycles/h	75 115 10 20 3.2 3.2 3600 12 21
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	-	max min max in-rush holding min max min	%Us %Us %Us W W V cycles/h ms ms	75 115 10 20 3.2 3.2 3600 12 21 9
DC rated control voltag DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C	Opening NO	max min max in-rush holding min max min max	%Us %Us %Us W W Cycles/h	75 115 10 20 3.2 3.2 3600 12 21 9 18

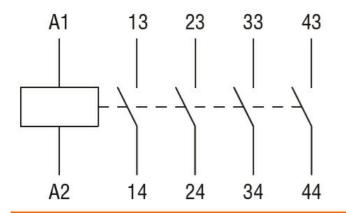
11BG0040D024 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



11BG0040D024 CONTROL RELAY WITH DC COIL, 24VDC, 4NO

		Opening NC				
		- pg		nin ma	s 7	
			m	ax m	s 17	
	in DC					
		Closing NO				
			n	nin ma	s 18	
				ax m	s 25	
		Opening NC)			
			n	nin ma		
			m	ax m	s 3	
		Closing NC				
				nin ma		
				ax m	s 5	
		Opening NC				
				nin m		
			m	ax m	s 17	
UL technical data						
General USE	Orașteritar					
	Contactor			nt A	. 10	
Contact rating of auxili	any contracto according to	. 1 11	AC curre	ent A		- Q600
Ambient conditions	ary contacts according to	JUL			A600	- 0000
Temperature						
	Operating temperature	I.				
			n	nin °C		
			m	ax °C	C +70	
	Storage temperature					
			n	nin °C		
			m	ax °C		
Max altitude				m	n 3000	
Resistance & Protection	on					
Pollution degree					3	
Dimensions						
44 (1.73") (0.17") (0.17") (0.17") (0.17") (0.17") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33")	34.9 - (1.37")		44 (1.73") (1.73") (1.37") (1.37") (1.37")	(1.97") 3.5 (0.12") (0.12")	57 (2.24") RF9 89.2 (3.51")	





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 classification		
ETIM 8.0		EC000196 -

Contactor relay