



IEC Conventional free air thermal current lth Short-time allowable current for 10s (IEC/EN60947-1) Protection fuse gG (Tightening torque for terminals Tightening torque for coil terminal Max number of wires simultaneously connectable Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section	min max min max min	Nr. V kV Hz A A A A Nm Ibin Ibin Ibin	Auxiliary contactor BGF00 4 690 6 25 400 10 0 16 0.8 1 9 9 9
Product type designation Contact characteristics Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith Short-time allowable current for 10s (IEC/EN60947-1) Protection fuse gG (Tightening torque for terminals Tightening torque for coil terminal Max number of wires simultaneously connectable Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section	EC) min max min max min	V kV Hz A A A Nm Ibin Ibin	contactor BGF00 4 690 6 25 400 10 0 16 0.8 1 9 9 9 9
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Tightening torque for coil terminal Max number of wires simultaneously connectable Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section	min	Nm	0.8
Max number of wires simultaneously connectable Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section			
Max number of wires simultaneously connectable Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section			
Max number of wires simultaneously connectable Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section	mov	Nm	
Max number of wires simultaneously connectable Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section	max	Nm	
Max number of wires simultaneously connectable Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section	min	lbin	9
Conductor section AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section	max	Ibin	9
AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section		Nr.	2
Flexible w/o lug conductor section Flexible c/w lug conductor section			
Flexible w/o lug conductor section Flexible c/w lug conductor section			
Flexible c/w lug conductor section	max		12
Flexible c/w lug conductor section			
Flexible c/w lug conductor section	min	mm²	0.75
Flexible c/w lug conductor section	max	mm²	2.5
	min	mm²	1.5
	max	mm²	2.5
	Пал		2.0
	min	mm²	1.5
		mm²	2.5
	max	11111-	
Power terminal protection according to IEC/EN 60529			IP20 when
			properly wired
Mechanical features			
Operating position			
			Vertical plan
allow	mal		±30°
Fixing			Correct / DINL
			Screw / DIN rail
Weight			Screw / DIN rail 35mm

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ENERGY AND AUTOMATION

Conductor section

AWG/kcmil conductor section

AVVG/kcmil conductor s	section	mov		12
Auxiliary contact characteristics		max		12
Thermal current Ith			A	10
IEC/EN 60947-5-1 designation			A	A600 - Q600
Operating current AC15				A000 - Q000
Operating current ACTS		230V	٨	3
		230V 400V	A A	3 1.9
		400V 500V	A	1.4
Operating current DC12		500 v	~	1.4
Operating current DOTZ		110V	А	2.9
Operating current DC13		1100	A	2.9
Operating current DC15		24V	٨	2.9
		24 v 48 V	A	2.9 1.4
		48V 60V	A	1.4
		125V	A	
		125V 220V	A A	0.3 0.1
		600V		
Operations		V UUd	A	0.6
Operations Mechanical life			ovoloo	2000000
			cycles	2000000
Safety related data	12400 4			
Performance level B10d according to EN/ISO 1	13489-1			
		mechanical load	cycles	2000000
Mirror contats according to IEC/EN 609474-4-1				YES
EMC compatibility				yes
DC coil operating			. ,	
DC rated control voltage			V	24
DC operating voltage				
pick-up				
		min	%Us	75
		max	%Us	115
drop-out			A / I I	
		min	%Us	10
		max	%Us	25
Average coil consumption ≤20°C				
		in-rush	W	2.3
		holding	W	2.3
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times				
Average time for Us control				
in AC	a a			
	Closing NO			
		min	ms	12
		max	ms	21
	Opening NO			2
		min	ms	9
		max	ms	18
	Closing NC			47
		min	ms	17
	0	max	ms	26
	Opening NC			



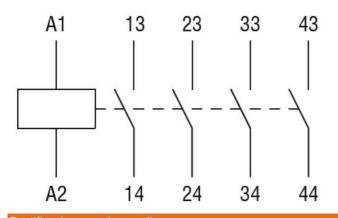
CONTROL RELAY WITH DC COIL LOW CONSUMPTION, 24VDC, 4NO, FASTON TERMINALS

11BGF0040L024

		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				
	ary 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 & Protecti	on			
Pollution degree				3
Dimensions				
4.4 (0.17") (0.17") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33")	4 3") 4.4 (0.17") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (0.18") (1.137")	—— 57 (2.24	o , 4")	
Wiring diagrams				

Wiring diagrams

CONTROL RELAY WITH DC COIL LOW CONSUMPTION, 24VDC, 4NO, FASTON TERMINALS



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		
		EC000196 -

ETIM 8.0

EC000196 -Contactor relay