



Product designation				Auxiliary
_	ation			contactor BGF00
Product type designated Contact characteristic				DGF00
Number of poles	US CONTRACTOR OF THE CONTRACTO		Nr.	4
Rated insulation volta	ago Hi JEC/EN		V	690
Rated insulation voita			kV	6
Operational frequence	•		K V	0
Operational frequenc	·y	min	Hz	25
		max	Hz	400
IEC Conventional fre	e air thermal current Ith	Παλ	A	10
IEC Conventional free air thermal current Ith Short-time allowable current for 10s (IEC/EN60947-1)			A	0
Protection fuse	current for 103 (IEO/EN00947-1)			<u> </u>
i iotection iuse		gG (IEC)	Α	16
Tightening torque for	terminals	go (ico)		10
riginioning lorque lor	tominalo	min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	lbin	9
Tightening torque for	coil terminal	Παλ	10111	<u> </u>
rightening torque for	Contemina	min	Nm	0.8
		max	Nm	1
		min	lbin	9
		max	Ibin	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 prote	ection according to IEC/EN 60529			IP20 when
	etion according to IEG/EIN 00329			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm



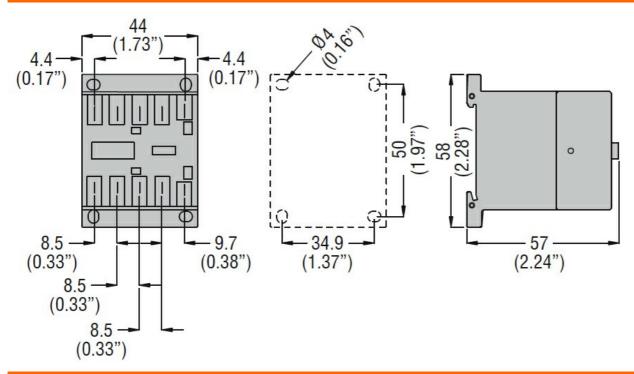


CONTROL RELAY WITH DC COIL, 12VDC, 3NO AND 1NC, FASTON TERMINALS

Weight				g	220
Conductor section					
	AWG/kcmil conductor	r section			
			max		12
Auxiliary contact charac	cteristics				
Thermal current Ith	. ,.			Α	10
IEC/EN 60947-5-1 des					A600 - Q600
Operating current AC15	0		230V	٨	2
			400V	A A	3 1.9
			500V	A	1.4
Operating current DC12	2				
- p			110V	Α	2.9
Operating current DC13	3				
			24V	Α	2.9
			48V	Α	1.4
			60V	Α	1.1
			125V	Α	0.3
			220V	Α	0.1
			600V	Α	0.6
Operations					0000000
Mechanical life				cycles	20000000
Safety related data Performance level B10	ld according to EN/ISC	12490 1			
Periormanice level bro	d according to EN/ISC	7 13409-1	mechanical load	cycles	20000000
Mirror contats accordin	a to IEC/EN 609474-4		THECHAINCAI IOAU	Cycles	YES
	9 10 120/211 003474 4	<u>'</u>			120
FMC compatibility					ves
EMC compatibility DC coil operating					yes
DC coil operating	e			V	yes 12
	e			V	
DC coil operating DC rated control voltag	e pick-up			V	
DC coil operating DC rated control voltag			min	V %Us	
DC coil operating DC rated control voltag			min max		12
DC coil operating DC rated control voltag				%Us %Us	12 75 115
DC coil operating DC rated control voltag	pick-up		max min	%Us %Us %Us	12 75 115
DC coil operating DC rated control voltag DC operating voltage	pick-up drop-out		max	%Us %Us	12 75 115
DC coil operating DC rated control voltag	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 25
DC coil operating DC rated control voltag DC operating voltage	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us	12 75 115 10 25
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt	pick-up drop-out		max min max	%Us %Us %Us %Us	75 115 10 25
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us	75 115 10 25 3.2 3.2
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation	pick-up drop-out ion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Closing NO	max min max in-rush holding	%Us %Us %Us %Us W W	75 115 10 25 3.2 3.2 3600
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Closing NO Opening NO	max min max in-rush holding min max	%Us %Us %Us W W cycles/h	75 115 10 25 3.2 3.2 3600
DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	-	max min max in-rush holding	%Us %Us %Us W W cycles/h	12 75 115 10 25 3.2 3.2 3600
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DC coil operating DC rated control voltag DC operating voltage Average coil consumpt Max cycles frequency Mechanical operation Operating times	pick-up drop-out ion ≤20°C	Opening NO	max min max in-rush holding min max min	%Us %Us %Us %Us W W cycles/h	12 75 115 10 25 3.2 3.2 3600

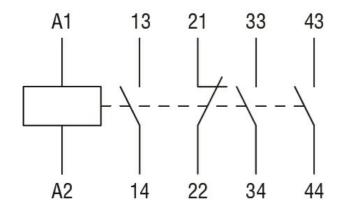
CONTROL RELAY WITH DC COIL, 12VDC, 3NO AND 1NC, FASTON TERMINALS

		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					
	ry 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 & Protectio	n				
Pollution degree					3
Dimensions					



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

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000196 -Contactor relay