



Product designation				Auxiliary contactor
Product type designat	tion			BF00
Contact characteristic				B1 00
Number of poles	•		Nr.	4
Rated insulation voltage	ge 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		Α	10
Protection fuse				
		gG (IEC)	Α	25
Tightening torque for t	terminals			
		min	Nm	1.5
		max	Nm	1.8
		min	lbin	1.1
		max	lbin	1.5
Tightening torque for	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.8
		max	lbin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
	=	max		10
	Flexible w/o lug conductor section		2	
		min	mm²	1
	Electrical designation of the second of the	max	mm²	6
	Flexible c/w lug conductor section		2	4
		min	mm²	1
	Clavible with insulated anada lug conductor acction	max	mm²	4
	Flexible with insulated spade lug conductor section	min	mm²	1
		max	mm²	4
		Шах	111111	IP20 when
Power terminal protect	ction according to IEC/EN 60529			properly wired
Mechanical features				ріорону нігод
Operating position				
. 31		normal		Vertical plan
		allowable		±30°
Finds a				Screw / DIN rail
Fixing				35mm
Weight			g	496
-			-	



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Conductor section					
	AWG/kcmil conductor se	ection			
Auxiliary contact chara	ctorietice		max		10
Thermal current Ith	Clensucs			Α	10
IEC/EN 60947-5-1 des	signation				A600 - P600
Operating current AC1					
, ,			230V	Α	3
			400V	Α	1.9
			500V	Α	1.4
Operating current DC1	2				
			110V	Α	5.7
Operating current DC1	3				
			24V	Α	5.7
			48V	Α	2.9
			60V	Α	2.3
			110V	A	1.25
			125V	A	1.1
			220V 600V	A	0.55 0.2
Operations			6007	Α	0.2
Mechanical life				cycles	20000000
Safety related data				Cycles	2000000
-	Od according to EN/ISO 1	3//80-1			
T CHOITHANGE ICVCI DIN	a according to ENVIOC 1	0400 1	mechanical load	cycles	20000000
Mirror contats according	ng to IEC/EN 609474-4-1		The chambar load	Сусісз	YES
EMC compatibility	19 10 12 0/214 000 47 4 4 1				
					Ves
					yes
DC coil operating	ae			V	
DC coil operating DC rated control voltage	ge			V	110
DC coil operating				V	
DC coil operating DC rated control voltage	ge pick-up		min	V %Us	
DC coil operating DC rated control voltage			min max		110
DC coil operating DC rated control voltage				%Us	110 70
DC coil operating DC rated control voltage	pick-up			%Us	110 70
DC coil operating DC rated control voltage DC operating voltage	pick-up drop-out		max	%Us %Us	110 70 125
DC coil operating DC rated control voltage	pick-up drop-out		max min max	%Us %Us %Us %Us	70 125 10 40
DC coil operating DC rated control voltage DC operating voltage	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us	110 70 125 10 40 5.4
DC coil operating DC rated control voltage DC operating voltage Average coil consump	pick-up drop-out		max min max	%Us %Us %Us %Us	70 125 10 40
DC coil operating DC rated control voltage DC operating voltage Average coil consump	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	110 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us	110 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage 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	110 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage 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	110 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C ontrol in DC	Closing NO	max min max in-rush	%Us %Us %Us %Us W W	110 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C ontrol in DC	Closing NO	max min max in-rush holding	%Us %Us %Us %Us W W	110 70 125 10 40 5.4 5.4 3600
DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C ontrol in DC	Closing NO	max min max in-rush holding	%Us %Us %Us %Us W W cycles/h	110 70 125 10 40 5.4 5.4 3600
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DC coil operating DC rated control voltage DC operating voltage Average coil consump Max cycles frequency Mechanical operation Operating times	pick-up drop-out tion ≤20°C ontrol in DC	Opening NO	max min max in-rush holding min max min max	%Us %Us %Us %Us W W cycles/h	110 70 125 10 40 5.4 5.4 3600 54 66 14 17

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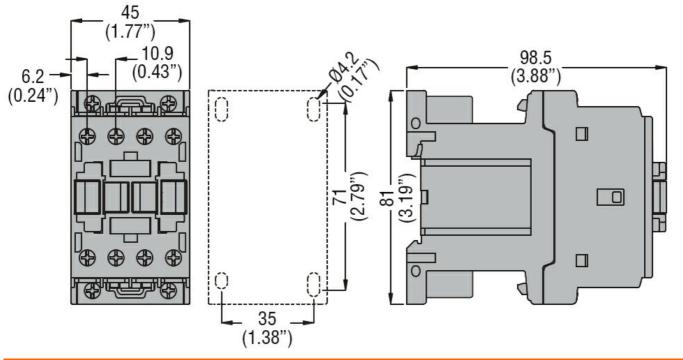
Opening NC

min	ms	47
max	ms	57

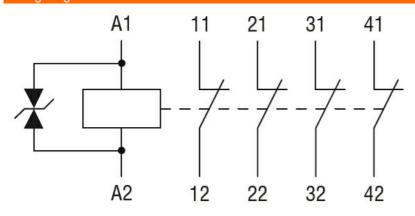
UL technical data

General USE				
	Auxiliary contacts			
		AC current	Α	10
Contact rating of aux	xiliary contacts according to UL			A600 - P600
Ambient conditions				
Temperature				
	Operating temperature			
	• •	min	°C	-50
		max	°C	70
	Storage temperature			
	-	min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protec	ction			

Pollution degree Dimensions



Wiring diagrams





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Certifications and cor	npliance	
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		
		FC000196 -

ETIM 8.0

EC000196 -Contactor relay