



Product designation				Auxiliary
Product type designat	tion			contactor BF00
Contact characteristic				DI 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	e 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	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			4.0
	Fig. 21. Land Community of Comm	max		10
	Flexible w/o lug conductor section			4
		min	mm²	1
	Florible of white conductor coation	max	mm²	6
	Flexible c/w lug conductor section	min	mm²	1
		max	mm²	4
	Flexible with insulated spade lug conductor section	Шах	111111	<del>- 1</del>
	r lexible with insulated space lag conductor section	min	mm²	1
		max	mm²	4
		Тах		IP20 when
Power terminal protect	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
Fixing				35mm
Weight			g	496



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Conductor section					
	AWG/kcmil conduc	ctor section			
A	ata da da a		max		10
Auxiliary contact characteristics and current lth	cteristics			۸	10
IEC/EN 60947-5-1 des	vianation			Α	A600 - P600
Operating current AC1	-				A600 - P600
Operating current ACT	5		230V	Α	3
			400V	A	1.9
			500V	A	1.4
Operating current DC1	2				
operating carrent 201	_		110V	Α	5.7
Operating current DC1	3				
operating amount a co			24V	Α	5.7
			48V	Α	2.9
			60V	Α	2.3
			110V	Α	1.25
			125V	Α	1.1
			220V	Α	0.55
			600V	Α	0.2
Operations					
Mechanical life				cycles	20000000
Safety related data					
Performance level B10	d according to EN/I	SO 13489-1			
			mechanical load	cycles	20000000
Mirror contats according	ng to IEC/EN 609474	-4-1			YES
EMC compatibility					
					yes
DC coil operating					
DC coil operating DC rated control voltage	ge			V	125
DC coil operating				V	
DC coil operating DC rated control voltage	ge pick-up				125
DC coil operating DC rated control voltage			min	%Us	125 70
DC coil operating DC rated control voltage	pick-up		min max		125
DC coil operating DC rated control voltage			max	%Us %Us	70 125
DC coil operating DC rated control voltage	pick-up		max min	%Us %Us %Us	125 70 125 10
DC coil operating DC rated control voltage DC operating voltage	pick-up drop-out		max	%Us %Us	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 %Us	125 70 125 10 40
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt	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 consumpt  Max cycles frequency	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us W W	125 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation	pick-up drop-out		max min max in-rush	%Us %Us %Us %Us %Us	125 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  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	125 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation	pick-up  drop-out  tion ≤20°C		max min max in-rush	%Us %Us %Us %Us W W	125 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  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	125 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  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	125 70 125 10 40 5.4 5.4
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  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	125 70 125 10 40 5.4 5.4 3600
DC coil operating DC rated control voltage DC operating voltage  Average coil consumpt  Max cycles frequency Mechanical operation Operating times	pick-up  drop-out  tion ≤20°C	Closing NO Opening NO	max min max in-rush holding	%Us %Us %Us %Us W W	125 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 consumpt  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 %Us W W cycles/h	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 consumpt  Max cycles frequency Mechanical operation Operating times	pick-up  drop-out  tion ≤20°C	Opening NO	min max in-rush holding min max min max	%Us %Us %Us %Us W W cycles/h	70 125 10 40 5.4 5.4 3600

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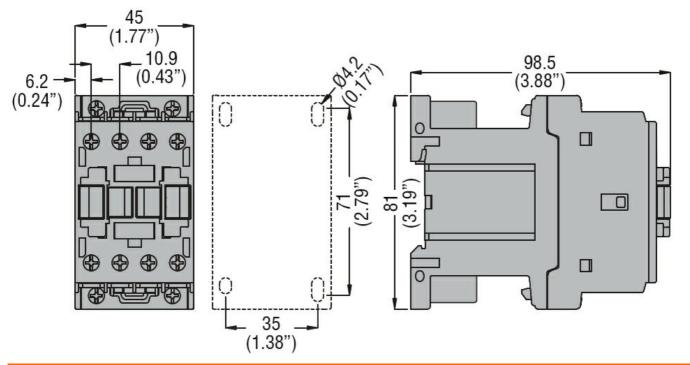
## Opening NC

min	ms	47
max	ms	57

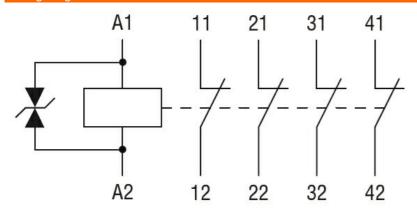
## UL technical data

General USE			
Auxiliary contacts			
	AC current	Α	10
Contact rating of auxiliary 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 & Protection			

## Pollution degree **Dimensions**



## Wiring diagrams



Contactor relay



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ETIM 8.0

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	n	
ETIM 8 0		EC000196 -