



Droduct decignation				Auxiliary
Product designation		contactor		
Product type designation		BF00		
Contact characteristic	cs			
Number of poles			Nr.	4
Rated insulation volta	age Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp				6
Operational frequence	cy .			
		min	Hz	25
		max	Hz	400
IEC Conventional fre	e air thermal current Ith		Α	10
Operational current le				
•		AC-1 (≤55°C)	Α	0
Protection fuse		- (/		-
		gG (IEC)	Α	25
Tightening torque for	terminals	90 (.20)		
riginioning torque for		min	Nm	1.5
		max	Nm	1.8
		min	lbin	1.1
		max	lbin	1.5
Tightening torque for	coil terminal	тах	101	1.0
rigitioning torquo for		min	Nm	0.8
		max	Nm	1
		min	lbin	0.8
		max	Ibin	0.74
Max number of wires	simultaneously connectable	тих	Nr.	2
Conductor section	Simultaneously connectable		1 11.	
Conductor Section	AWG/Kcmil			
	AWG/Remiii	max		10
	Flexible w/o lug conductor section	IIIdx		10
	LIEVINIE MAO INA COLIMICIOL SECTION	min	mm²	1
		max	mm²	6
	Flevible c/w lug conductor section	IIIdX	111111	U
	Flexible c/w lug conductor section	min	mm²	1
			mm²	4
	Flexible with insulated spade lug conductor section	max	111111	4
	Flexible with insulated space lug conductor section		mm²	1
		min	mm²	1
		max	mm²	4 IP20 whon
Power terminal protection according to IEC/EN 60529				IP20 when properly wired
Mechanical features				property wired
Operating position				Vartical plan
		normal		Vertical plan
		allowable		±30°



ENERGY AND AUTOMATION

Fixing				Screw / DIN rail 35mm
Weight			g	358
Auxiliary contact chara	cteristics		^	4.0
Thermal current Ith	to a decident		Α	10
IEC/EN 60947-5-1 des	<u>-</u>			A600 - P600
Operating current AC1	5		_	
		230V	A	3
		400V	A	1.9
	_	500V	Α	1.4
Operating current DC1	2	110V	Α	5.7
Operating current DC1	ব	1101		0.1
Operating current DOT	5	24V	Α	5.7
		48V	A	2.9
		60V	A	2.3
		110V	A	1.25
		125V	A	1.1
		220V	A	0.55
		600V	Α	0.2
Operations				
Mechanical life			cycles	20000000
Safety related data				
Performance level B10	od according to EN/ISO 13489-1			
-		mechanical load	cycles	20000000
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 50)/60Hz		V	110
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
	·	min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz	IIIUX	,,,,,,	
	pick-up			
	ρισκ-αρ	min	%Us	80
			%Us	110
	drop out	max	/₀US	110
	drop-out	حالمين	0/11-	20
		min	%Us	20
AO "		max	%Us	55
AC average coil consu	·			
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz			
	-	in-rush	VA	75
		holding	VA	9
Dissipation at holding	≤20°C 50Hz		W	2.5
			•••	

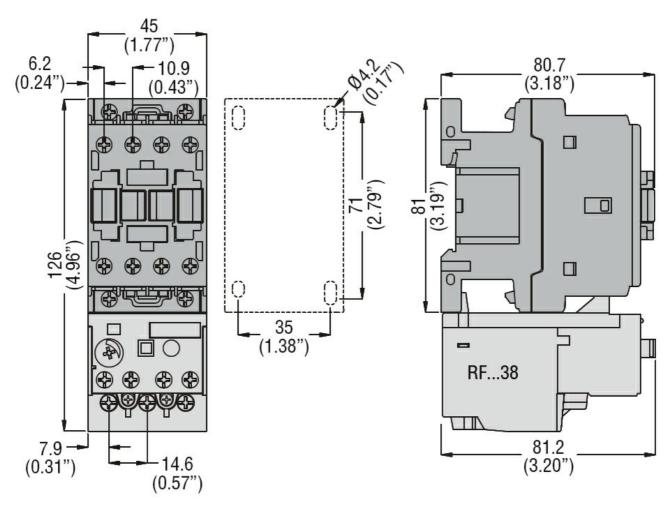


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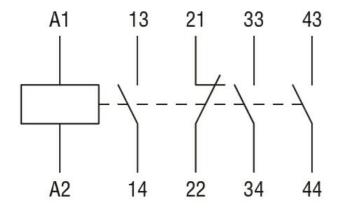
Max cycles frequency					
Mechanical operation				cycles/h	3600
Operating times					
Average time for Us co	ntrol				
	in AC				
		Closing NO			
			min	ms	8
			max	ms	24
		Opening NO			
			min	ms	10
			max	ms	20
		Closing NC			
			min	ms	14
		0 NO	max	ms	28
		Opening NC			7
			min	ms	7
III. to obnical data			max	ms	18
UL technical data	ao AC (III.)			V	600
Rated operational volta General USE	ge AC (OL)			V	600
General USE	Auvilian, contacts				
	Auxiliary contacts		AC current	Α	10
Contact rating of auxilia	ary contacts according to	111	AC current	A	A600 - P600
Ambient conditions	ary contacts according to	UL			A600 - P600
Temperature					
remperature	Operating temperature				
	Operating temperature		min	°C	-50
			max	°C	70
	Storage temperature		IIIdx		70
	Storage temperature		min	°C	-60
			max	°C	80
Max altitude			max	m	3000
Resistance & Protectio	n				
Pollution degree					3
Dimensions					
2					



ENERGY AND AUTOMATION



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