



Product designation				Auxiliary
Froduct designation				contactor
Product type designa				BF00
Contact characterist	ics			
Number of poles			Nr.	4
Rated insulation volt	age Ui IEC/EN		V	690
Rated impulse withs	tand voltage Uimp		kV	6
Operational frequence	су			
		min	Hz	25
		max	Hz	400
IEC Conventional fre	ee air thermal current Ith		Α	10
Operational current I	e			
	AC-	-1 (≤55°C)	Α	0
Protection fuse		· · · · · · · · · · · · · · · · · · ·		
		gG (IEC)	Α	25
Tightening torque for	r terminals	3 (/		
		min	Nm	1.5
		max	Nm	1.8
		min	lbin	1.1
		max	lbin	1.5
Tightening torque for	r coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.8
		max	lbin	0.74
Max number of wires	s simultaneously connectable	max	Nr.	2
Conductor section	o dimanano della d			_
Conductor Cochon	AWG/Kcmil			
	AWO/Normii	max		10
	Flexible w/o lug conductor section	Пах		10
	Tiexible w/o lug coriductor section	min	mm²	1
		max	mm ²	6
	Florible c/w lug conductor section	Παλ	111111	0
	Flexible c/w lug conductor section	min	mm²	1
		max	mm²	4
	Flexible with insulated spade lug conductor section	Παλ	111111	-1
	i leviple with insulated shade lag conductor section	min	mm²	1
			mm²	4
		max	111111	IP20 when
Power terminal protection according to IEC/EN 60529			properly wired	
Mechanical features				property wired
Operating position				
Operating position		normal		Vertical plan
		normal		Vertical plan ±30°
		allowable		ISU



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Fixing			Screw / DIN rail 35mm
Weight		g	496
Conductor section			
AWG/kcmil conductor section			
	max		10
Auxiliary contact characteristics			
Thermal current Ith		Α	10
IEC/EN 60947-5-1 designation			A600 - P600
Operating current AC15		_	
	230V	A	3
	400V	A	1.9
	500V	Α	1.4
Operating current DC12	440)/		
0	110V	Α	5.7
Operating current DC13	0.417		
	24V	A	5.7
	48V	A	2.9
	60V	A	2.3
	110V	A	1.25
	125V	A	1.1
	220V	A	0.55
Operations	600V	Α	0.2
Operations Mechanical life		avala a	20000000
Safety related data		cycles	20000000
Performance level B10d according to EN/ISO 13489-1	mechanical load	eveloc	20000000
Mirror contats according to IEC/EN 609474-4-1	mechanical load	cycles	YES
EMC compatibility DC coil operating			yes
		V	105
DC rated control voltage		V	125
DC operating voltage			
pick-up		0/116	70
	min	%Us	70
	max	%Us	125
drop-out		0/11-	40
	min	%Us	10
	max	%Us	40
A			
Average coil consumption ≤20°C	to much	147	F 4
Average coil consumption ≤20°C	in-rush	W	5.4
	in-rush holding	W W	5.4 5.4
Average coil consumption ≤20°C Max cycles frequency Machanical appration		W	5.4
Max cycles frequency Mechanical operation			5.4
Max cycles frequency Mechanical operation Operating times		W	5.4
Max cycles frequency Mechanical operation Operating times Average time for Us control		W	5.4
Max cycles frequency Mechanical operation Operating times Average time for Us control in DC		W	5.4
Max cycles frequency Mechanical operation Operating times Average time for Us control	holding	W cycles/h	3600
Max cycles frequency Mechanical operation Operating times Average time for Us control in DC	holding	W cycles/h ms	5.4 3600 54
Max cycles frequency Mechanical operation Operating times Average time for Us control in DC Closing NO	holding	W cycles/h	3600
Max cycles frequency Mechanical operation Operating times Average time for Us control in DC	holding min max	W cycles/h ms ms	5.4 3600 54 66
Max cycles frequency Mechanical operation Operating times Average time for Us control in DC Closing NO	holding	W cycles/h ms	5.4 3600 54



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Olooning 140			
	min	ms	24
	max	ms	30
Opening NC			
	min	ms	47
	max	ms	57

UL technical data

General USE

Auxiliary contacts

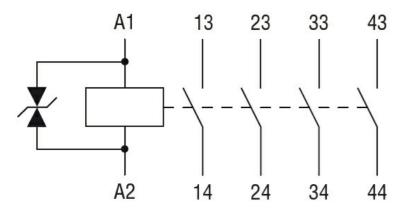
	AC current	Α	10
Contact rating of auxiliary contacts according to UL			A600 - P600
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-50
	max	°C	70
Storage temperature			_
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			

6.2 (0.43") (0.24") (0.24") (0.24") (0.38") (1.38")

Wiring diagrams



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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