



Droduot designation				Auxiliary
Product designation				contactor
Product type designa				BF00
Contact characteristic	os en la companya de			
Number of poles			Nr.	4
Rated insulation volta	ige Ui IEC/EN		V	690
Rated impulse withsta	and voltage Uimp		kV	6
Operational frequenc	у			
		min	Hz	25
		max	Hz	400
	e air thermal current Ith		Α	10
Operational current le	9			
	AC	C-1 (=55°C)	Α	0
Short-time allowable	current for 10s (IEC/EN60947-1)		Α	0
Protection fuse				
		gG (IEC)	Α	25
Tightening torque for	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			
	=	max		10
	Flexible w/o lug conductor section			
		min	mm²	1
	=	max	mm²	6
	Flexible c/w lug conductor section			4
		min	mm²	1
	Placible with involuted and a law and attended to	max	mm²	4
	Flexible with insulated spade lug conductor section		na :== 2	4
		min	mm²	1
Down to recipal prote	otion according to IEC/EN COECO	max	mm²	4 1000 whom wire a
Mechanical features	ction according to IEC/EN 60529			IP20 when wired
Operating position				
Operating position		normal		Vertical plan
		normal allowable		Vertical plan ±30°
		allowable		エシロ



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Fixing				Screw / DIN rail 35mm
Weight			g	360
Conductor section				
	AWG/kcmil conductor section			
		max		10
Auxiliary contact chara	cteristics			
Thermal current Ith			Α	10
IEC/EN 60947-5-1 des	ignation			A600 - P600
Operating current AC1	<u> </u>			
5 7 7 7 7		230V	Α	3
		400V	Α	1.9
		500V	Α	1.4
Operating current DC1	2			
operating earrorn bor	_	110V	Α	5.7
Operating current DC1	ব	1100		0.1
Operating current DOT	5	24V	Α	5.7
		24V 48V	A	2.9
		46V 60V	A	2.9
		110V	A	1.25
		110V 125V		1.25
		220V	A	
		600V	A	0.55
Operations		600 V	Α	0.2
Mechanical life			ovelee	2000000
			cycles	20000000
Safety related data	Nd according to FN/ICO 12490 1			
Performance level bit	od according to EN/ISO 13489-1	لمحمل احماسه معمومه	avalaa	20000000
Mirror contata accordin		mechanical load	cycles	20000000
IVIIITOT CONTAIS ACCORDIT				VEC
	ng to IEC/EN 609474-4-1			YES
EMC compatibility	ng to IEC/EN 609474-4-1			yes
EMC compatibility AC coil operating				yes
EMC compatibility AC coil operating Rated AC voltage at 60			V	
EMC compatibility AC coil operating)Hz		V	yes
EMC compatibility AC coil operating Rated AC voltage at 60	0Hz of 60Hz coil powered at 60Hz		V	yes
EMC compatibility AC coil operating Rated AC voltage at 60)Hz			yes 230
EMC compatibility AC coil operating Rated AC voltage at 60	0Hz of 60Hz coil powered at 60Hz	min	%Us	yes 230 80
EMC compatibility AC coil operating Rated AC voltage at 60	OHz of 60Hz coil powered at 60Hz pick-up	min max		yes 230
EMC compatibility AC coil operating Rated AC voltage at 60	0Hz of 60Hz coil powered at 60Hz	max	%Us %Us	yes 230 80 110
EMC compatibility AC coil operating Rated AC voltage at 60	OHz of 60Hz coil powered at 60Hz pick-up	max min	%Us %Us %Us	yes 230 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage	OHz of 60Hz coil powered at 60Hz pick-up drop-out	max	%Us %Us	yes 230 80 110
EMC compatibility AC coil operating Rated AC voltage at 60	of 60Hz coil powered at 60Hz pick-up drop-out	max min	%Us %Us %Us	yes 230 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage	OHz of 60Hz coil powered at 60Hz pick-up drop-out	max min max	%Us %Us %Us %Us	yes 230 80 110 20 55
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max min max in-rush	%Us %Us %Us %Us	yes 230 80 110 20 55
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz	max min max	%Us %Us %Us %Us VA	yes 230 80 110 20 55 75 9
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz	max min max in-rush	%Us %Us %Us %Us	yes 230 80 110 20 55
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding = Max cycles frequency	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz	max min max in-rush	%Us %Us %Us %Us VA VA	yes 230 80 110 20 55 75 9 2.5
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding = Max cycles frequency Mechanical operation	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz	max min max in-rush	%Us %Us %Us %Us VA	yes 230 80 110 20 55 75 9 2.5
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding = Max cycles frequency	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz	max min max in-rush	%Us %Us %Us %Us VA VA	yes 230 80 110 20 55 75 9 2.5
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding = Max cycles frequency Mechanical operation	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz =20°C 50Hz	max min max in-rush	%Us %Us %Us %Us VA VA	yes 230 80 110 20 55 75 9 2.5
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding = Max cycles frequency Mechanical operation Operating times	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz =20°C 50Hz	max min max in-rush	%Us %Us %Us %Us VA VA	yes 230 80 110 20 55 75 9 2.5
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding = Max cycles frequency Mechanical operation Operating times	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz =20°C 50Hz	max min max in-rush	%Us %Us %Us %Us VA VA	yes 230 80 110 20 55 75 9 2.5
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding = Max cycles frequency Mechanical operation Operating times	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz =20°C 50Hz ontrol in AC	max min max in-rush	%Us %Us %Us %Us VA VA	yes 230 80 110 20 55 75 9 2.5
EMC compatibility AC coil operating Rated AC voltage at 60 AC operating voltage AC average coil consu Dissipation at holding = Max cycles frequency Mechanical operation Operating times	of 60Hz coil powered at 60Hz pick-up drop-out mption at 20°C of 60Hz coil powered at 60Hz =20°C 50Hz ontrol in AC	max min max in-rush holding	%Us %Us %Us %Us VA VA W	yes 230 80 110 20 55 75 9 2.5



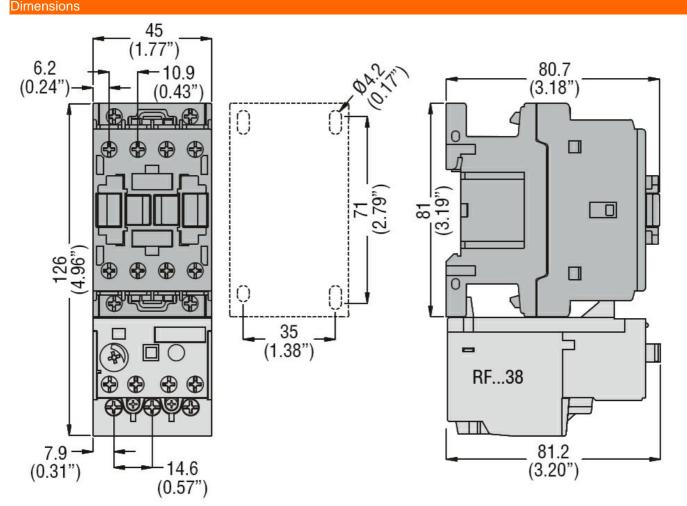
Opening NO			
	min	ms	10
	max	ms	20
Closing NC			
	min	ms	17
	max	ms	30
Opening NC			
	min	ms	7
	max	ms	18

UL technical data

General USE

Auxiliary contacts

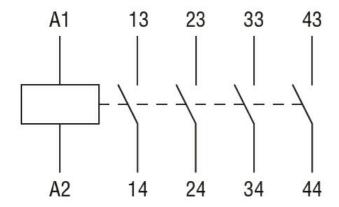
		AC current	Α	10
Contact rating of aux	xiliary contacts according to UL			A600 - P600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protect	ction			
Pollution degree				3
Dimensions				





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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