



Product designation			Power contactor
Product type designation			BF95
Contact characteristics			
Number of poles		Nr.	4
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		А	140
Operational current le			
•	AC-1 (≤40°C)	А	140
	AC-1 (≤55°C)	A	115
	AC-1 (≤70°C)	A	100
	AC-3 (≤440V ≤55°C)	A	95
	AC-4 (400V)	A	45
Rated operational current AC-3 (T≤55°C)			
	230V	А	95
	400V	A	95
	415V	A	95
	440V	A	95
	500V	A	95
	690V	A	93
	1000V	A	33
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	140
	48V	A	140
	75V	A	100
	110V	А	10
	220V	A	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	140
	48V	A	140
	75V	А	140
	110V	А	110
	220V	А	12
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
	≤24V	А	140
	48V	A	140
	75V	A	155
	110V	A	120
	220V	A	125
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			-
	≤24V	А	140
	48V	A	140
	101	<i>/ \</i>	



BF95T4A23060 FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 140A, AC COIL 60HZ, 230VAC

	75V	А	155	
	110V	A	140	
	220V	A	140	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series				
	≤24V	А	140	
	48V	A	44	
	75V	A	36	
	110V	A	6	
	220V	A	_	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series	2201			
	≤24V	А	140	
	48V	A	63	
	75V	A	60	
	110V	A	55	
	220V	A	33 7	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	220 V	A	1	
The max current le in DC3-DC5 with $L/R \le 15$ ms with 5 poles in series	<241/	۸	140	
	≤24V 48V	A	140 115	
	48V 75V	A	115	
		A	90	
	110V	A	85	
	220V	А	76	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series		_		
	≤24V	Α	140	
	48V	A	110	
	75V	А	110	
	110V	А	105	
	220V	А	95	
Short-time allowable current for 10s (IEC/EN60947-1)		А	760	
Protection fuse				
	gG (IEC)	А	160	
	aM (IEC)	Α	100	
		А	1200	
Making capacity (RMS value)				
Making capacity (RMS value) Breaking capacity at voltage				
	440V	A	1100	
	440V 500V	A A	1100 775	
Breaking capacity at voltage	500V	А	775	
Breaking capacity at voltage Resistance per pole (average value)	500V	A A	775 745	
Breaking capacity at voltage	500V 690V	A A mΩ	775 745 0.45	
Breaking capacity at voltage Resistance per pole (average value)	500V 690V Ith	A A mΩ W	775 745 0.45 8.8	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	500V 690V	A A mΩ	775 745 0.45	
Breaking capacity at voltage Resistance per pole (average value)	500V 690V Ith AC-3	A A mΩ W W	775 745 0.45 8.8 4.1	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	500V 690V Ith AC-3 min	A MΩ W W W	775 745 0.45 8.8 4.1 6	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	500V 690V Ith AC-3 min max	A MΩ W W Nm Nm	775 745 0.45 8.8 4.1 6 7	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	500V 690V Ith AC-3 min max min	A MΩ W W W	775 745 0.45 8.8 4.1 6 7 4.4	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	500V 690V Ith AC-3 min max	A MΩ W W Nm Nm	775 745 0.45 8.8 4.1 6 7	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	500V 690V Ith AC-3 min max min max	A MΩ W W Nm Ibin Ibin	775 745 0.45 8.8 4.1 6 7 4.4 5.2	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	500V 690V Ith AC-3 min max min max min max	A MΩ W W Nm Ibin Ibin	775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	500V 690V Ith AC-3 min max min max	A MΩ W W W Nm Ibin Ibin Ibin	775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	500V 690V Ith AC-3 min max min max min max min	A MΩ W W W Nm Ibin Ibin Ibin Ibin	775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1 0.59	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals Tightening torque for coil terminal	500V 690V Ith AC-3 min max min max	A MΩ W W W Nm Ibin Ibin Ibin	775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals Tightening torque for coil terminal Conductor section	500V 690V Ith AC-3 min max min max min max min	A MΩ W W W Nm Ibin Ibin Ibin Ibin	775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1 0.59	
Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals Tightening torque for coil terminal	500V 690V Ith AC-3 min max min max min max min	A MΩ W W W Nm Ibin Ibin Ibin Ibin	775 745 0.45 8.8 4.1 6 7 4.4 5.2 0.8 1 0.59	



BF95T4A23060 FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 140A, AC COIL 60HZ, 230VAC

ENERGY AND AUTOMATION				230VAC
	Flexible w/o lug conductor section			
		min	mm²	1.5
		max	mm²	70
	Flexible c/w lug conductor section			
		min	mm²	1.5
		max	mm²	70
Power terminal prote	ection according to IEC/EN 60529			IP20 front
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	2420
Conductor section				
	AWG/kcmil conductor section			
		max		2/0
Auxiliary contact cha	racteristics			
Thormal ourrant Ith			٨	140

	max		2/0
Auxiliary contact characteristics			
Thermal current Ith		А	140
Operations			
Mechanical life		cycles	15000000
Electrical life		cycles	1400000
AC coil operating		ý	
Rated AC voltage at 60Hz		V	230
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
drop-out			
	max	%Us	55
of 60Hz coil powered at 60Hz		/000	00
pick-up			
plot up	min	%Us	80
	max	%Us	110
drop-out	Шах	/000	110
	min	%Us	20
	max	%Us	55
AC average coil consumption at 20°C		/000	00
of 60Hz coil powered at 60Hz			
	in-rush	VA	300
	holding	VA	20
Dissipation at holding ≤20°C 50Hz	libiding	W	6.5
Max cycles frequency		vv	0.5
Mechanical operation		cycles/h	1500
Operating times		cycles/fi	1500
Average time for Us control			
in AC			
Closing NO	min		16
	min	ms	
	max	ms	32
Opening NO		-	0
	min	ms	9
	max	ms	24
UL technical data			
General USE			

Contactor

electric ENERGY AND AUTOMATION

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ENERGY AND AUTOMATION				
		AC current	А	150
Short-circuit protection) fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating Fuse class	A	200 J
	Standard fault	Fuse class		J
	Clandara radic	Short circuit current	kA	10
		Fuse rating	А	250
		Fuse class		RK5
Ambient conditions				
Temperature				
	Operating temperature	min	°C	-50
		max	°C	-50 70
	Storage temperature	max	0	10
	0 - p	min	°C	-60
		max	°C	+80
Max altitude			m	3000
Dimensions				
	-13,5		-	
	-13,5 (0.53") (0.53") -62 (2.44") -			
	n 🕇 🖒 🕇			
0 0 0 0				
		- 169.2 (6.66") - - 164 (6.46.") - - 164 (6.46.") -	2	
	151 (5.94")	9.2 (6. 4) (6.4) (6.4)		
Ø				
0 0 0 0				
			0	
Wiring diagrams				
		_		
L	.1 L2 L3 L	.4		
A1 -	1 3 5 7	7		
		1		
	D. D. D. I			
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		8		
Т	1 T2 T3 T	4		
Certifications and com	pliance			
Compliance				
BF95T4A23060 The characteri	istics described in this document are subject	ct to updates or modifications at any time. The descriptions	s, technical	and 4/5



BF95T4A23060 FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 140A, AC COIL 60HZ, 230VAC

	CSA C22.2 n° 60947-1	
	CSA C22.2 n° 60947-4-1	
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-4-1	
	UL 60947-1	
	UL 60947-4-1	
Certificates		
	202	
	cULus	
	EAC	
ETIM classification		
		EC000066 -

ETIM 8.0

EC000066 Power contactor, AC switching