



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)	А	115
	AC-1 (≤70°C)	А	100
	AC-3 (≤440V ≤55°C)	А	95
	AC-4 (400V)	А	45
Rated operational current AC-3 (T≤55°C)			
	230V	А	95
	400V	А	95
	415V	А	95
	440V	А	95
	500V	А	95
	690V	А	93
	1000V	А	33
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
	≤24V	А	140
	48V	А	140
	75V	А	100
	110V	А	10
	220V	А	-
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	140
	48V	А	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	А	140
	75V	А	155
	110V	А	120
	220V	А	125
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	А	140
	48V	А	140



**BF95T4A02460** FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 140A, AC COIL 60HZ, 24VAC

	75V	А	155
	110V	А	140
	220V	А	140
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	А	140
	48V	А	44
	75V	А	36
	110V	А	6
	220V	А	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
·	≤24V	А	140
	48V	А	63
	75V	А	60
	110V	А	55
	220V	A	7
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			•
	≤24V	А	140
	48V	A	115
	48V 75V	A	90
	110V	A	85
	220V	A	76
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	220 V	~	70
TEC max current le in DC3-DC3 with L/K = 15ms with 4 poles in series	≤24V	۸	140
	≤24V 48V	A	
	48V 75V	A	110
		A	110
	110V	A	105
Short time allowable autrant for 100 (IEC/ENCO047.1)	220V	A	95 760
Short-time allowable current for 10s (IEC/EN60947-1) Protection fuse		A	700
Protection fuse		۸	400
	gG (IEC)	A	160
	aM (IEC)	<u>A</u>	100
Making capacity (RMS value)		A	1200
Breaking capacity at voltage			
	440V	A	1100
	500V	А	775
	690V	A	745
Resistance per pole (average value)		mΩ	0.45
Power dissipation per pole (average value)			
	lth	W	8.8
	AC-3	W	4.1
Tightening torque for terminals			
	min	Nm	6
	max	Nm	7
	min	Ibin	4.4
	max	Ibin	5.2
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	Ibin	0.59
	max	Ibin	0.74
Conductor section			
AWG/Kcmil			
	max		2/0
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24VAC

	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 protect	ion according to IEC/EN 60529			IP20 front
Mechanical features	5			
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
Waight			2	35mm 2420
Weight Conductor section			g	2420
	AWG/kcmil conductor section			
	AWG/KCMII conductor Section			2/0
Auxiliary contact chara	ctoristics	max		2/0
Thermal current Ith			A	140
Operations			Α	140
Mechanical life			cycles	15000000
Electrical life			cycles	1400000
AC coil operating			Cycles	1400000
Rated AC voltage at 60	)Hz		V	24
AC operating voltage	5112		v	27
/ to operating vertage	of 50/60Hz coil powered at 50Hz			
	drop-out			
		max	%Us	55
	of 60Hz coil powered at 60Hz	Пах	,	
	pick-up			
	hier of	min	%Us	80
		max	%Us	110
	drop-out			-
		min	%Us	20
		max	%Us	55
AC average coil consu	mption at 20°C			
-	of 60Hz coil powered at 60Hz			
		in-rush	VA	300
		holding	VA	20
Dissipation at holding	≤20°C 50Hz		W	6.5
Max cycles frequency				
Mechanical operation			cycles/h	1500
Operating times				
Average time for Us co	ontrol			
	in AC			
	Closing NO			
		min	ms	16
		max	ms	32
	Opening NO			
		min	ms	9
		max	ms	24
UL technical data				
General USE				
	Contactor			

electric

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

24VAC

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ENERGY AND AUTOMATION					24VAC
		AC current	٨	150	
Short-circuit protectior	fuse 600V	AC current	A	150	
	High fault				
	- iigii idan	Short circuit current	kA	100	
		Fuse rating	А	200	
		Fuse class		J	
	Standard fault				
		Short circuit current	kA	10	
		Fuse rating	А	250	
		Fuse class		RK5	
Ambient conditions					
Temperature	Operating temperature				
	Operating temperature	min	°C	-50	
		max	°C	70	
	Storage temperature		-	. •	
	5	min	°C	-60	
		max	°C	+80	
Max altitude			m	3000	
Dimensions					
102 (4.01") 26.5 (1.04") 26.5 (	151 (5.94")				
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**BF95T4A02460** The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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## BF95T4A02460 FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 140A, AC COIL 60HZ, 24VAC

	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		
	<u>CCC</u>	
	cULus	
	EAC	
ETIM classification		
		EC000066 -

ETIM 8.0

Power contactor, AC switching