BFK2600A230



CONTACTOR FOR POWER FACTOR CORRECTION WITH AC CONTROL CIRCUIT, INCLUDING LIMITING RESISTORS, MAXIMUM IEC OPERATIONAL POWER 400V = 20KVAR, COIL 230VAC 50/60HZ



Product designation				Power contactor
Product type designat				BFK26
Contact characteristic	S		Nla	0
Number of poles			Nr. V	3
Rated insulation volta				690
Rated impulse withsta			kV	6
Operational frequency	/			05
		min	Hz	25
		max	Hz	400
	e air thermal current Ith		A	45
Rated operational pov	wer AC-6b (1≤40°C)	0001/		
		230V	kvar	11
		400V	kvar	20
		440480V	kvar	22
		690V	kvar	25
	current for 10s (IEC/EN60947-1)		A	210
Protection fuse				
		gG (IEC)	A	40
Making capacity (RMS	*		А	260
Breaking capacity at v	roltage			
		440V	A	208
		500V	A	184
		690V	A	168
Resistance per pole (mΩ	2
Power dissipation per	pole (average value)			
		Ith	W	4
Tightening torque for	terminals			
		min	Nm	2.5
		max	Nm	3
		min	lbin	1.8
		max	lbin	2.2
Tightening torque for	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.59
		max	lbin	0.74
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section			
		min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section			
		min	mm²	1

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ENERGY AND AUTOMATION

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		max	mm²	10
	Flexible with insulated spade lug conductor			10
		min	mm²	1
		max	mm²	10
Power terminal protect	ction according to IEC/EN 60529			IP20 when properly wired
Mechanical features				
Operating position				
		normal allowable		Vertical plan ±30°
Fixing				Screw / DIN rail 35mm
Weight			g	400
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	2000000
Electrical life			cycles	1600000
Safety related data				
Performance level B1	10d according to EN/ISO 13489-1			
		rated load	cycles	400000
		mechanical load	cycles	2000000
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 8			V	230
AC operating voltage				
	of 50/60Hz coil powered at 50Hz pick-up			
		min	%Us	80
		max	%Us	110
	drop-out		0/11-	20
		min	%Us %Us	20
	of 50/60Hz coil powered at 60Hz	max	%08	55
	pick-up			
	երու-սե	min	%Us	85
		max	%Us	110
	drop-out	max		
		min	%Us	20
		max	%Us	55
AC average coil cons	umption at 20°C			
-	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	7
	of 60Hz coil powered at 60Hz			
		in-rush	VA	75
		holding	VA	9
Dissipation at holding			W	2.5
Max cycles frequency				2022
Mechanical operation			cycles/h	3600

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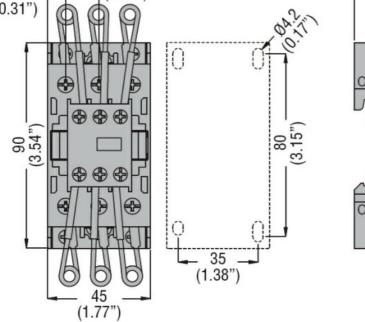


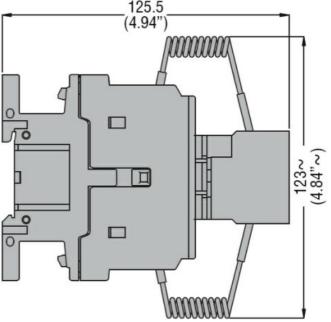
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Operating times							
Average time for Us co	ontrol						
Average and for 03 of	in AC						
	III AC						
		Closing NO				•	
				min	ms	8	
		_		max	ms	24	
		Opening NO)				
				min	ms	5	
				max	ms	15	
		Closing NC					
				min	ms	9	
				max	ms	20	
UL technical data							
General USE							
	Contactor						
	Contactor			AC current	А	45	
Ambient conditions				AC current	~	43	
Temperature							
	Operating temperature	e		_			
				min	°C	-50	
				max	°C	70	
	Storage temperature						
				min	°C	-60	
				max	°C	80	
Max altitude					m	3000	
Resistance & Protection	on						
Pollution degree						3	
Dimensions [mm (in)]						-	
r -1	14.6 .57")		-	125.5			-
7.9 - (0	.57")			(4.94")			
(0.31")	0	200		nr.	mmm	M	
	M	ORICI		10		91	
		6.				N	



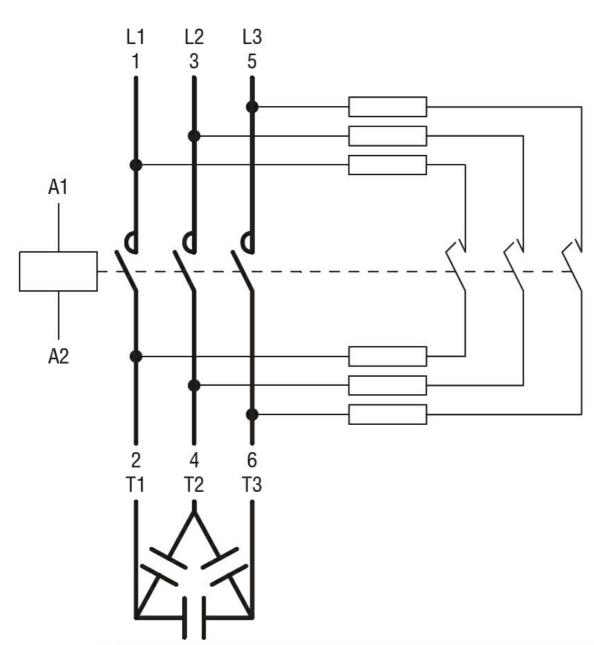


Wiring diagrams

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Certifications and compliance

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Comp	nance
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Compliance		
	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		
	CCC	
	cULus	
	EAC	
ETIM classification		
		EC001079 -
ETIM 8.0		Capacitor

contactor