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	ion			BFK26
Contact characteristic	S			
Number of poles			Nr.	3
Rated insulation voltage	ge Ui IEC/EN		V	690
Rated impulse withsta	nd voltage Uimp		kV	6
Operational frequency	/			
		min	Hz	25
		max	Hz	400
IEC Conventional free	air thermal current Ith		А	45
Rated operational pow	ver AC-6b (T≤40°C)			
		230V	kvar	11
		400V	kvar	20
		440480V	kvar	22
		690V	kvar	25
Short-time allowable of	current for 10s (IEC/EN60947-1)		Α	210
Protection fuse				
		gG (IEC)	Α	40
Making capacity (RMS			Α	260
Breaking capacity at v	oltage			
		440V	А	208
		500V	А	184
		690V	Α	168
Resistance per pole (average value)			mΩ	2
Power dissipation per	pole (average value)			
		lth	W	4
Tightening torque for t	erminals			
		min	Nm	2.5
		max	Nm	3
		min	lbin	1.8
		max	lbin	2.2
Tightening torque for o	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.59
		max	Ibin	0.74
Max number of wires simultaneously connectable			Nr.	2
Conductor section				
	AWG/Kcmil			0
		max		6
	Flexible w/o lug conductor section	•		0.5
		min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section	•		4
		min	mm²	1

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ENERGY AND AUTOMATION

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	max	mm²	10
	Flexible with insulated spade lug conductor section		10
	min	mm²	1
	max	mm²	10
Power terminal prote	ction according to IEC/EN 60529		IP20 when properly wired
Mechanical features			1 -1 - 7
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		100000
	rated load	cycles	400000
	mechanical load	cycles	2000000
EMC compatibility			yes
AC coil operating Rated AC voltage at \$	50/6047	V	230
AC operating voltage		v	230
AC operating voltage	of 50/60Hz coil powered at 50Hz		
	pick-up	.	
	min	%Us	80
	max	%Us	110
	drop-out min	%Us	20
	max	%Us	20 55
	of 50/60Hz coil powered at 60Hz	/003	55
	pick-up		
	min	%Us	85
	max	%Us	110
	drop-out		
	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		75
	in-rush	VA	75
Disaination of the tr	holding	VA	9
Dissipation at holding		W	2.5
Max cycles frequency		ovolaa /h	2600
Mechanical operation		cycles/h	3000

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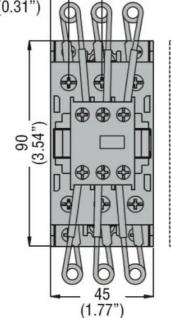


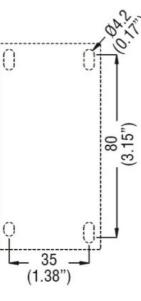
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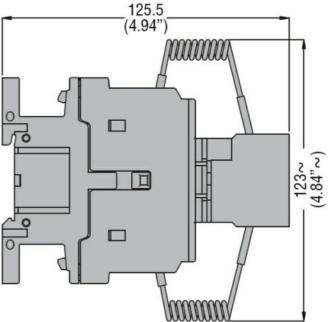
COIL 230VAC 50/60HZ

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Operating times							
Average time for Us c	ontrol						
	in 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						
				AC current	А	45	
Ambient conditions							
Temperature							
	Operating temperature	9					
				min	°C	-50	
				max	°C	70	
	Storage temperature						
				min	°C	-60	
				max	°C	80	
Max altitude					m	3000	
Resistance & Protecti	on						
Pollution degree						3	
Dimensions						<u> </u>	
	14.6		-	125.5_			-1
	0.57")			(4.94")			
(0.31")	0	20		<u>n</u>	nnnnn	M	







Wiring diagrams

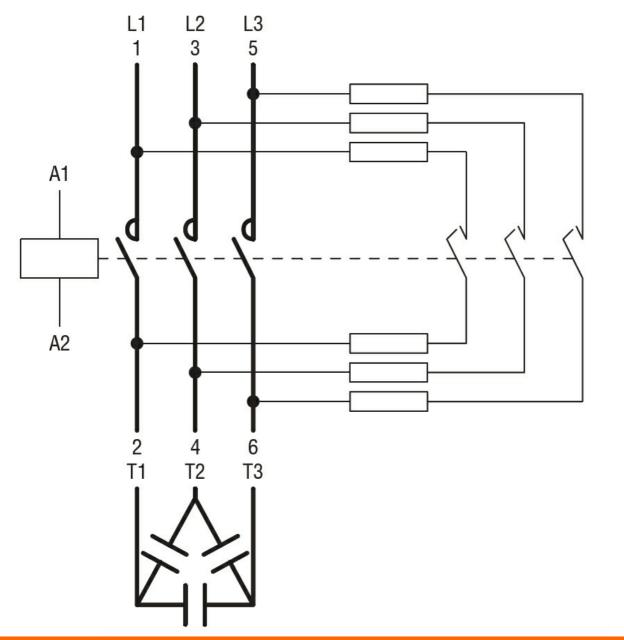
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Certifications and compliance

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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