BFK2600A12060



CONTACTOR FOR POWER FACTOR CORRECTION WITH AC CONTROL CIRCUIT, INCLUDING LIMITING RESISTORS, MAXIMUM IEC OPERATIONAL POWER 400V = 20KVAR, COIL 120VAC 60HZ



Draduct designation				Dower contector
Product designation Product type designat	ion			Power contactor BFK26
Contact characteristic				DFK20
Number of poles	5		Nr.	3
Rated insulation voltage			V	690
Rated impulse withsta			kV	6
Operational frequency	· · ·		κν	0
		min	Hz	25
		max	Hz	400
IEC Conventional free	air thermal current Ith	Παλ	A	45
Rated operational pov				
		230V	kvar	11
		400V	kvar	20
		440480V	kvar	22
		690V	kvar	25
Short-time allowable of	current for 10s (IEC/EN60947-1)	0001	A	210
Protection fuse				
		gG (IEC)	А	40
Making capacity (RMS	value)	90 (120)	A	260
Breaking capacity at v	,			200
		440V	А	208
		500V	A	184
		690V	A	168
Resistance per pole (a	average value)		mΩ	2
Power dissipation per				
		lth	W	4
Tightening torque for t	erminals			
5 5 1		min	Nm	2.5
		max	Nm	3
		min	lbin	1.8
		max	lbin	2.2
Tightening torque for a	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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		2	10
	max	mm²	10
	Flexible with insulated spade lug conductor section	mm2	4
	mir max		1 10
		11111	IP20 when
· · ·	on according to IEC/EN 60529		properly wired
Mechanical features			
Operating position			
	norma		Vertical plan
	allowable		±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 B100	d according to EN/ISO 13489-1		
	rated load	,	400000
	mechanical load	cycles	2000000
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 60	Hz	V	120
AC operating voltage			
	of 60Hz coil powered at 60Hz		
	pick-up		
	mir		80
	ma>	%Us	110
	drop-out	0/11-	20
	mir		20
AC average coil consun	max	%Us	55
•	•		
	of 60Hz coil powered at 60Hz in-rush	VA	75
	holding		9
Dissipation at holding ≤2		 	2.5
Max cycles frequency		۷V	2.0
Max cycles nequency Mechanical operation		cycles/h	3600
Operating times		0,000,11	
Average time for Us cor	ntrol		
	in AC		
	Closing NO		
	Closing NO mir	ms	8
	mir		8 24
	mir max		8 24
	mir	ms	
	mir max Opening NO	ms ms	24
	mir max Opening NO mir	ms ms	24 5
	mir max Opening NO mir max	ms ms ms	24 5

UL technical data

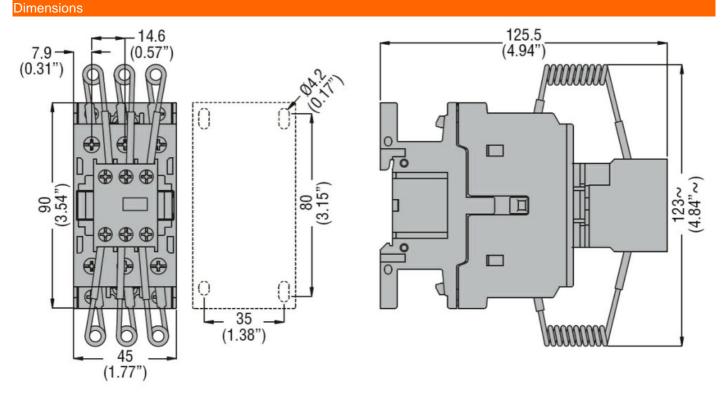
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ENERGY AND AUTOMATION

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General USE

	Contactor			
		AC current	А	45
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	ion			
Pollution degree				3



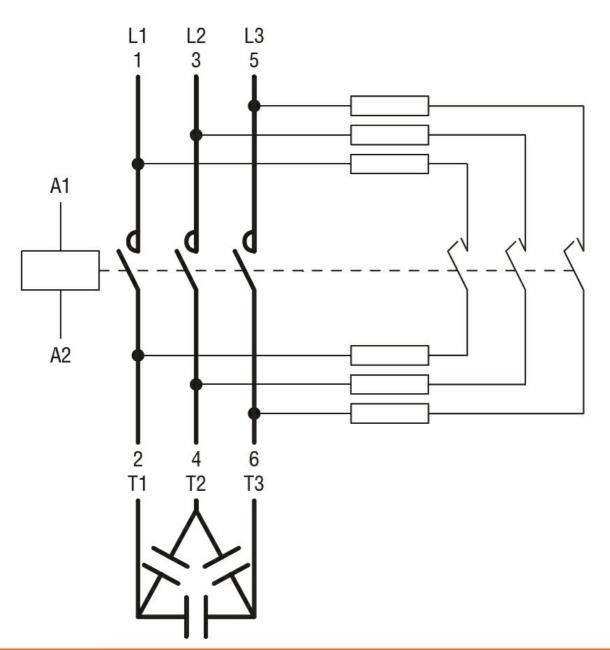
Wiring diagrams

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Certifications and compliance

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Comp	

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	1	
		EC001079 -
ETIM 8.0		Capacitor

contactor