BFK15000A57560



CONTACTOR FOR POWER FACTOR CORRECTION WITH AC CONTROL CIRCUIT, INCLUDING LIMITING RESISTORS, MAXIMUM IEC OPERATIONAL POWER 400V = 100KVAR, COIL 575VAC 60HZ



				104- x
Product designation				Power contactor
Product type designa	ition			BFK150
Contact characteristic	CS			
Number of poles			Nr.	3
Rated insulation volta	age Ui IEC/EN		V	690
Rated impulse withsta			kV	8
Operational frequenc	y v			
		min	Hz	25
		max	Hz	400
IEC Conventional free	e air thermal current Ith		А	165
Rated operational po				
	()	230V	kvar	50
		400V	kvar	100
		440480V	kvar	115
		690V	kvar	150
Short-time allowable	current for 10s (IEC/EN60947-1)	0001	A	1200
Protection fuse				1200
		gG (IEC)	А	160
Making capacity (RMS	(aula)	g0 (IE0)	A	1500
Breaking capacity at v			~	1500
Dieaking capacity at	voltage	440V	А	1200
		440V 500V	A	1025
		690V		905
Posistanas par pala (6907	A mΩ	0.45
Resistance per pole (11152	0.45
Power dissipation per	r pole (average value)	141-	14/	10
Tishtenin a tenance fee	to main alla	lth	W	12
Tightening torque for	terminais		N I	0
		min	Nm	6
		max	Nm	7
		min	Ibin	4.4
-		max	Ibin	5.2
Tightening torque for	coll terminal			
		min	Nm	0.8
		max	Nm	1
		min	Ibin	0.59
		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		2/0
	Flexible w/o lug conductor section			
		min	mm²	1.5
		max	mm²	70
	Flexible c/w lug conductor section			
		•	~	

BFK15000A57560 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

mm²

min

1.5



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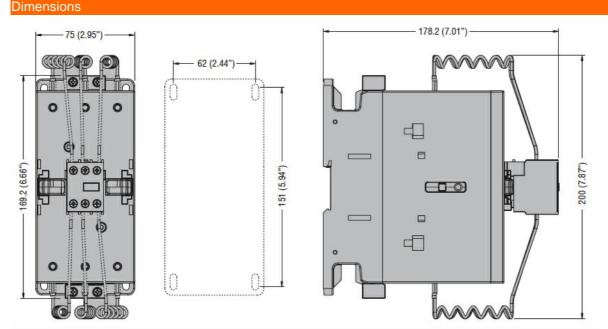
			max	mm²	70
	tion according to IEC/EN	60529			IP20 front
Mechanical features					
Operating position					
			normal allowable		Vertical plan ±30°
Fixing					Screw / DIN rail 35mm
Weight				g	2095
Conductor section				3	
	AWG/kcmil conductor	section			
			max		2/0
Operations					
Mechanical life				cycles	15000000
Electrical life				cycles	800000
Safety related data				.,	
	Dd according to EN/ISO 1	13489-1			
	0		rated load	cycles	400000
			mechanical load	cycles	15000000
EMC compatibility				- ,	yes
AC coil operating					,
Rated AC voltage at 60)Hz			V	575
AC operating voltage	·				
1 0 0	of 60Hz coil powered a	t 60Hz			
		pick-up			
		Lh	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 a	t 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					
General USE	Contactor				
General USE	Contactor		AC current	А	165
	Contactor		AC current	A	165
General USE Ambient conditions Temperature	Contactor		AC current	A	165



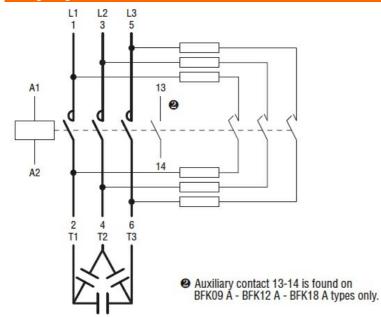
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	min	°C	-50
	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3



Wiring diagrams



Certifications and compliance

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	

3/4



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ENERGY AND AUTOMATION

Certificates CCC cULus ETIM classification EC001079 -ETIM 8.0

Capacitor contactor