BFK11500A02460



CONTACTOR FOR POWER FACTOR CORRECTION WITH AC CONTROL CIRCUIT, BFK TYPE electric (INCLUDING LIMITING RESISTORS), MAXIMUM IEC OPERATIONAL POWER 400V = 75KVAR, COIL 24VAC 60HZ

Product designation Product type designat	ion			Power contactor BFK115
Contact characteristics				BIRTIO
Number of poles		Nr.	3	
Rated insulation voltage		V	690	
Rated impulse withsta		kV	8	
Operational frequency	· · · · · · · · · · · · · · · · · · ·			
		min	Hz	25
		max	Hz	400
IEC Conventional free air thermal current Ith			А	160
Rated operational pov	ver AC-6b (T≤40°C)			
		230V	kvar	45
		400V	kvar	75
		440480V	kvar	85
		690V	kvar	135
Short-time allowable of		Α	920	
Protection fuse				
		gG (IEC)	Α	160
Making capacity (RMS		А	1500	
Breaking capacity at voltage				
		440V	А	1200
		500V	Α	850
		690V	Α	905
Resistance per pole (a		mΩ	0.45	
Power dissipation per	pole (average value)			
		Ith	W	11.5
Tightening torque for t	erminals			
		min	Nm	6
		max	Nm	7
		min	lbin	4.4
		max	lbin	5.2
Tightening torque for a	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	Prodotti finiti
		max	Ibin	Prodotti finiti
	simultaneously connectable		Nr.	2
Conductor section				
	Flexible w/o lug conductor section		2	
		min	mm²	1.5
		max	mm²	70
	Flexible c/w lug conductor section			4 5
		min	mm²	1.5
Dower terminal protec	tion apporting to IEC/EN COE20	max	mm²	70
	tion according to IEC/EN 60529			IP20 front
Mechanical features				
Operating position				Vertical plan
		normal allowable		Vertical plan ±30°
		allowable		
Fixing				Screw / DIN rail 35mm
Weight			a	2095
Operations			g	2030
operations				

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OVATO CONTACTOR FOR POWER FACTOR CORRECTION WITH AC CONTROL CIRCUIT, BFK TYPE electric (INCLUDING LIMITING RESISTORS), MAXIMUM IEC OPERATIONAL POWER 400V = 75KVAR, ENERGY AND AUTOMATION COIL 24VAC 60HZ

Mechanical life				cycles	15000000
Electrical life				cycles	1200000
Safety related data	Od according to EN/ICO (12400 4			
Performance level DT	0d according to EN/ISO 1	13469-1	rated load	cycles	400000
			mechanical load	cycles	1500000
EMC compatibility			meenameariea	0y0lc3	Yes
Rated AC voltage at 6	0Hz			V	24
AC coil operating					
AC operating voltage					
	of 60Hz coil powered a	t 60Hz			
		pick-up			
			min	%Us	80
			max	%Us	110
		drop-out	min	%Us	20
			max	%Us	55
Max cycles frequency			Шах	/000	00
Mechanical operation				cycles/h	1500
Operating times				ý	
Average time for Us c	ontrol				
	in AC				
		Closing NO			
			min	ms	16
			max	ms	32
		Opening NO	min	ma	9
			min max	ms ms	9 24
UL technical data			THAX	1113	27
General USE					
	Contactor				
			AC current	А	160
Ambient conditions					
Temperature					
	Operating temperature				
			min	°C ℃	-50
	Storage tomperature		max	U	70
	Storage temperature		min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protecti	on				
Resistance & Flotech					
Pollution degree					3
					3
Pollution degree					3
Pollution degree Dimensions Wiring diagrams	pliance				3
Pollution degree Dimensions	pliance				3
Pollution degree Dimensions Wiring diagrams Certifications and corr	pliance CSA C22.2 n° 60947-1				3
Pollution degree Dimensions Wiring diagrams Certifications and corr					3
Pollution degree Dimensions Wiring diagrams Certifications and corr	CSA C22.2 n° 60947-1				3
Pollution degree Dimensions Wiring diagrams Certifications and corr	CSA C22.2 n° 60947-1 CSA C22.2 n° 60947-4 IEC/EN 60947-1 IEC/EN 60947-4-1				3
Pollution degree Dimensions Wiring diagrams Certifications and corr	CSA C22.2 n° 60947-1 CSA C22.2 n° 60947-4 IEC/EN 60947-1				3

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ENERGY AND AUTOMATION

Certificates CCC cULus ETIM classification

ETIM 8.0

EC001079 -Capacitor contactor