BFK9500A02460



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



			ALC C
Product designation			Power contactor
Product type designation			BFK95
Contact characteristics			
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		А	140
Rated operational power AC-6b (T≤40°C)			
	230V	kvar	34
	400V	kvar	60
	440480V	kvar	75
	690V	kvar	80
Short-time allowable current for 10s (IEC/EN60947-1)		А	760
Protection fuse			
	gG (IEC)	А	125
Making capacity (RMS value)	<u> </u>	А	1200
Breaking capacity at voltage			
	440V	А	1100
	500V	A	775
	690V	A	745
Resistance per pole (average value)		mΩ	0.45
Power dissipation per pole (average value)			
· · · · · · · · · · · · · · · · · · ·	Ith	W	8.8
Tightening torque for terminals			0.0
	min	Nm	6
	max	Nm	7
	min	Ibin	4.4
	max	Ibin	5.2
Tightening torque for coil terminal	max	10111	0.2
	min	Nm	0.8
	max	Nm	1
	min	Ibin	0.59
	max	Ibin	0.74
Max number of wires simultaneously connectable		Nr.	2
Conductor section			-
AWG/Kcmil			
	max		2/0
Flexible w/o lug conductor section	Пал		_, _
	min	mm²	1.5
	max	mm²	70
Flexible c/w lug conductor section	IIIdA		10
I TENDIE O W TUY COTTUUCIOL SECTION	!		4 5

BFK9500A02460 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



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

BFK9500A02460

mm² 70 max IP20 front Power terminal protection according to IEC/EN 60529 Mechanical features Operating position normal Vertical plan ±30° allowable Screw / DIN rail Fixing 35mm Weight 2095 g Conductor section AWG/kcmil conductor section 2/0 max Operations 15000000 Mechanical life cycles Electrical life 400000 cycles Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 400000 mechanical load 15000000 cycles EMC compatibility yes AC coil operating Rated AC voltage at 60Hz V 24 AC operating voltage of 60Hz coil powered at 60Hz pick-up %Us 80 min max %Us 110 drop-out %Us 20 min %Us 55 max W Dissipation at holding ≤20°C 50Hz 6.5 Max cycles frequency Mechanical operation cycles/h 1500 Operating times Average time for Us control in AC Closing NO min 16 ms 32 max ms **Opening NO** 9 min ms 24 max ms UL technical data General USE Contactor AC current А 140 Ambient conditions Temperature Operating temperature °C -50 min °C 70 max Storage temperature °C -60 min °C 80 max

BFK9500A02460 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

BFK9500A02460



ENERGY AND AUTOMATION

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

		COIL 24VAC 00112
Max altitude	m	3000
Resistance & Protection		
Pollution degree		3
Dimensions		
	-	
	+	
	200 (7.87")	
	500	
	<u> </u>	
Wiring diagrams		
L1 L2 L3 1 3 5		
A1 13		
A2 14		
2 4 6 T1 T2 T3		
Auxiliary contact 13-14 is found on BFK09 A - BFK12 A - BFK18 A types only.		
BFK09 A - BFK12 A - BFK18 A types only.		
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		
Certificates		
CCC cULus		
ETIM classification		

BFK9500A02460 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

BFK9500A02460



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

ETIM 8.0

EC001079 -Capacitor contactor