



Product designation			Power contactor
Product type designation			BF26
Contact characteristics			2. 20
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		100	
operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	IIIdX	A	45
Operational current le			
Operational current le	AC-1 (≤40°C)	Α	45
	AC-1 (≤55°C)	A	36
	AC-1 (≤70°C)	A	32
	AC-3 (≤440V ≤55°C)	Α	26
	AC-4 (400V)	Α	11.5
Rated operational power AC-3 (T≤55°C)			
	230V	kW	7.3
	400V	kW	13
	415V	kW	14
	440V	kW	14
	500V	kW	15.6
	690V	kW	18.5
Rated operational power AC-1 (T≤40°C)			
	230V	kW	17
	400V	kW	30
	500V	kW	37
	690V	kW	51
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
The max carrolle to in Bot with E/X = time with 1 poles in collect	≤24V	Α	25
	48V	A	21
	75V	A	18
	110V		6
	220V	A	
IEC may current to in DC1 with L/D < 1 mg with 2 notes in period	Z20 V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	40 AV /		20
	≤24V	A	28
	48V	Α	28
	75V	Α	25
	110V	Α	22
	220V	Α	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24
	-		



	220V	Α	20
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series	220 V		20
120 max outfork to in 201 with L/IX = 1110 with 4 poles in selies	≤24V	Α	28
	48V	A	28
	75V	A	25
	110V	Α	24
	220V	Α	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	Α	18
	48V	Α	15
	75V	Α	13
	110V	Α	2
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	≤24V	Α	20
	48V	Α	20
	75V	Α	18
	110V	Α	13
	220V	Α	3
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
	≤24V	Α	25
	48V	Α	25
	75V	Α	20
	110V	Α	18
	220V	Α	19
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series			
	≤24V	Α	30
	48V	Α	30
	75V	Α	25
	110V	Α	20
01	220V	Α	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse	0 (150)		50
	gG (IEC)	A	50
Malian and (DMO all a)	aM (IEC)	A	32
Making capacity (RMS value)		Α	260
Breaking capacity at voltage	4.4017	۸	200
	440V	A	208
	500V 690V	A	184 168
Resistance per pole (average value)	090 v	A mΩ	2
Power dissipation per pole (average value)		11122	
i owei dissipation per pole (average value)	Ith	W	4
	AC-3	W	1.4
Tightening torque for terminals	AO-3	v v	1.7
righterning torque for terminals	min	Nm	2.5
	max	Nm	3
	min	Ibin	1.8
	max	lbin	2.2
Tightening torque for coil terminal	max		<u>-</u>
	min	Nm	0.8
	max	Nm	1
	min	Ibin	0.8



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		max	lbin	0.74
Max number of wires s	imultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			0
	Florible wie live on diretor costice	max		6
	Flexible w/o lug conductor section	min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section	παλ	111111	10
	Tiombio of Windg confidence coolien	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor sec	ction		
		min	mm²	1
		max	mm²	10
Power terminal protect	tion according to IEC/EN 60529			IP20 when
				properly wired
Mechanical features				
Operating position		normal		Vertical plan
		allowable		Vertical plan ±30°
Fixing		allowable		Screw / DIN rail
				35mm
Weight			g	424
Conductor section				
	AWG/kcmil conductor section			0
Operations		max		6
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data			0,0.00	100000
	Od according to EN/ISO 13489-1			
	·	rated load	cycles	1600000
		mechanical load	cycles	20000000
Mirror contats according	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 5	0/60Hz		V	230
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up		0/116	0.0
		min	%Us %Us	80 110
	drop-out	max	/008	110
	drop out	min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz			
	pick-up			
	•	min	%Us	85
		max	%Us	110
	drop-out			
		min	%Us	20
10 "	1: 10000	max	%Us	55
AC average coil consu				
	of 50/60Hz coil powered at 50Hz			



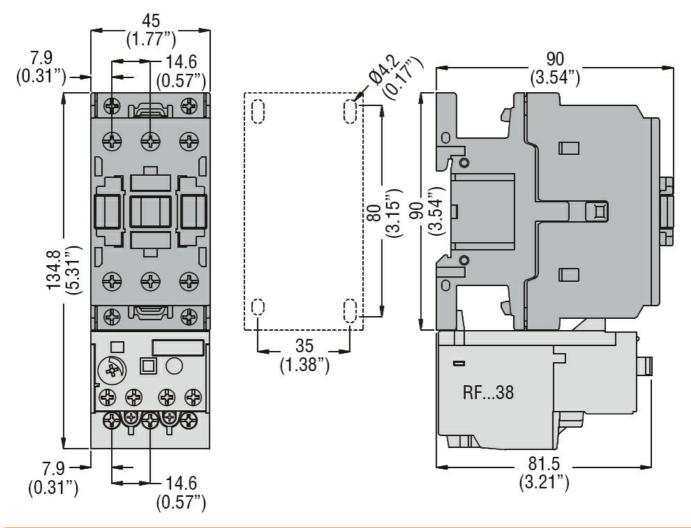
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In-rush VA 75 holding VA 9					
Of 50/60Hz coil powered at 60Hz					
Part		(50/0011 3)	holding	VA	9
Notiding Notice		of 50/60Hz coil powered at 60Hz	2) /A	70
Dissipation at holding \$20^{\circ}C 50Hz Short circuit current Full-load current F					
Part			nolaing	VA	6.5
Modeling		of 60Hz coil powered at 60Hz			
Dissipation at holding \$20°C 50Hz W 2.5 Max oycles frequency Mechanical operation Cycles/h 3600 Max oycles frequency Mechanical operation Cycles/h 3600 Min min ms 8 8 max ms 24 Min max ms 24 Min max ms 24 Min max ms 15 Min max ms 16 Min max ms 17 Min max ms 18 Min max ms 19 Min max m					
Mackanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 9 max ms 15 Closing NC min ms 9 max ms 20 Opening NC min ms 9 max ms 17 UL technical data Full-load current (FLA) for three-phase AC motor Yielded mechanical performance for single-phase AC motor 110/120V HP 2 2 230V HP 5 Torthree-phase AC motor 200/208V HP 7.5 4 460/480V HP 15 5 757/600V HP 15 575/600V HP 15 575/600V HP 15 575/600V HP 20 General USE Contactor AC current A 4 45 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100		2000 5011	holding		
Mechanical operation		\$20°C 50Hz		W	2.5
Closing NO				//	0000
Average time for Us control 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 15 Closing NC min ms 9 max ms 20 Opening NC min ms 9 max ms 17 UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 21 at 600V A 22 Yielded mechanical performance for single-phase AC motor 110/120V HP 2 230V HP 5 for three-phase AC motor 200/208V HP 7.5 460/480V HP 15 575/600V HP 20 General USE Contactor AC current A 45 Short-circuit protection fuse, 600V High fault Short circuit current Fuse class J Standard fault Short circuit current Fuse rating A 100 Fuse rating				cycles/n	3600
In AC		natural.			
Closing NO	Average time for Us co				
Min					
Opening NO		Closing NO	•		0
Opening NO					
Min max ms 15 15 15 15 15 15 15 1		0	max	ms	24
Closing NC		Opening NO			E
Closing NC					
Min		Olasia a NO	max	ms	15
Opening NC		Closing NC			0
Opening NC					
Min max		Opening NC	max	ms	20
Max		Opening NC			0
UL technical data					
Full-load current (FLA) for three-phase AC motor at 480V	III. to obside I dete		max	ms	17
A		for three phase AC mater			
at 600V A 22 Yielded mechanical performance for single-phase AC motor 110/120V HP 2 230V HP 5 For three-phase AC motor 200/208V HP 7.5 220/230V HP 7.5 460/480V HP 15 575/600V HP 20 General USE Contactor A 45 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature	ruii-ioad current (FLA)	for three-phase AC motor	ot 400\/	۸	24
Yielded mechanical performance for single-phase AC motor 110/120V HP 2 2 230V HP 5 For three-phase AC motor 200/208V HP 7.5 220/230V HP 7.5 460/480V HP 15 575/600V HP 20 General USE Contactor AC current A 45 Short-circuit protection fuse, 600V High fault High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature					
For single-phase AC motor 110/120V HP 2 230V HP 5	Violded machanical no	rformanaa	at 600 v	A	
110/120V	rielded mechanical pe				
230V HP 5 For three-phase AC motor		for single-phase AC motor	110/120\/	ЦD	2
For three-phase AC motor 200/208V					
200/208V		for three phase AC mater	230 V	ПР	<u> </u>
220/230V		for three-phase AC motor	200/2001	ЦD	7.5
460/480V HP 15 575/600V HP 20					
Standard fault Short circuit current KA 5					
Contactor AC current A 45 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current KA 5 Fuse rating A 100 Fuse rating A 100 Fuse rating A 100 Ambient conditions Temperature Operating temperature					
Contactor AC current A 45 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Fuse rating A 100 Fuse class J Operating temperature	General LISE		373/0007	1 IF	20
Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature	Jelielai UJE	Contactor			
Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature		Contactor	AC ourront	٨	15
High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature	Short-circuit protection	fuse 600V	AC Current	^	7-7
Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature	Short-offcult protection				
Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature		riigiriault	Short circuit current	ĿΛ	100
Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature					
Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature			_	^	
Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature		Standard fault	1 456 (1455		<u> </u>
Fuse rating A 100 Ambient conditions Temperature Operating temperature		Giariuaru fauit	Short circuit current	L۸	5
Ambient conditions Temperature Operating temperature					
Temperature Operating temperature	Ambient conditions		ruse raung	A	100
Operating temperature					
	remperature	Operating temperature			
IIIII C -50		Operating temperature	min	°C	-50
			111111		30



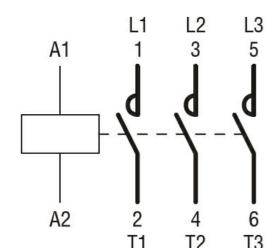
	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3

Dimensions



Wiring diagrams





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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

ETIM 8.0

EC000066 -Power contactor, AC switching