



Product designation			Power contactor
Product type designation			BF26
Contact characteristics			
Number of poles		nr.	3
Rated insulation voltage Ui		V	690
Rated impulse withstand voltage Uimp		kV	6
Operating frequency			
	Operational frequency min	Hz	25
	Operational frequency max	Hz	400
Conventional free air thermal current Ith		Α	45
Operating current			
	Operational current AC1 (≤40°C)	Α	45
	Operational current AC3 (≤440V ≤55°C)	Α	26
	Operational current AC4 (400V)	Α	11.5
Rated operational power AC1 (T≤40°C)	. , ,		
. , ,	230V	kW	17
	400V	kW	30
	500V	kW	37
	690V	kW	51
Rated operational power AC3 (T≤55°C)			
. , , ,	230V	kW	7.3
	400V	kW	13
	415V	kW	14
	440V	kW	14
	500V	kW	15.6
	690V	kW	18.5
Short-time allowable current for 10s (IEC/EN	Α	210	
Protection fuse			
	gG (IEC)	Α	50
	aM (IEC)	Α	32
Making capacity (RMS value)		Α	260
Breaking capacity at voltage			
- · · · · · · ·	Breaking capacity 440V	Α	208
	Breaking capacity 500V	Α	184
	Breaking capacity 690V	Α	168
Resistance per pole (average value)		mΩ	2
Power dissipation per pole (average value)			
· · · · · · · · · · · · · · · · · · ·	Power dissipation pole (average value) Ith	W	4
	AC3	W	1.4
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	lbft	1.8
	max	lbft	2.2
Tightening torque for coil terminal			

Tightening torque for coil terminal



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		min	Nm	0.8
		max	Nm	1
		min	lbft	0.8
		max	lbft	0.74
	simultaneously connectable		nr.	2
Conductor section				
	AWG			
		min		14
	E. 31 / 1 / 2	max		6
	Flexible w/o lug conductor section			0.5
		min	mm²	2.5
	Flavilla a harlan andreta a anti-a	max	mm²	16
	Flexible c/w lug conductor section		2	4
		min	mm²	1
	Flacible with insulated and deliver and delivers and	max	mm²	10
	Flexible with insulated spade lug conductor section		2	4
		min	mm²	1
Danier tameia al musto	ation according to IEO/EN COEOO	max	mm²	10
	ction according to IEC/EN 60529			IP20 when wired
Auxiliary contact char			۸	45
Operational current A			Α	45
Operating current DC	713			O/ DIN!
		110V	Α	Screw / DIN rail 35mm
Ambient conditions				JOHNIN
Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-50
		max	°C	70
	Storage temperature	IIIax		70
	Storage temperature	min	°C	-60
		max	°C	80
Max altitude		IIIax		3000
Operating position			111	3000
Operating position		normal		Vertical plan
		allowable		±30°
		allowable		Screw / DIN rail
Mounting				35mm
Weight			g	0.556
Operations			9	0.000
Mechanical life			Cycles	20000000
Electrical life			Cycles	1600000
Safety related data			C y c .cc	
•	10d according to EN/ISO 13489-1			
. S. S. Marioo lovoi D	. 55 5555 6119 10 10 10 10 1	rated load	Cicli	1600000
	,	mechanical load	Cicli	2000000
Mirror contats accord	ling to IEC/EN 609474-4-1	noonanioa ioau	Oidi	yes
EMC compatibility	mig to 100/01 000-17 7 1			
DC coil operating				yes
DC rated control volta	900			
Do Taled Control Volla	290	min	V	6
DC operating voltage		1111/1	v	J
Do operating voitage				
	pick-up			

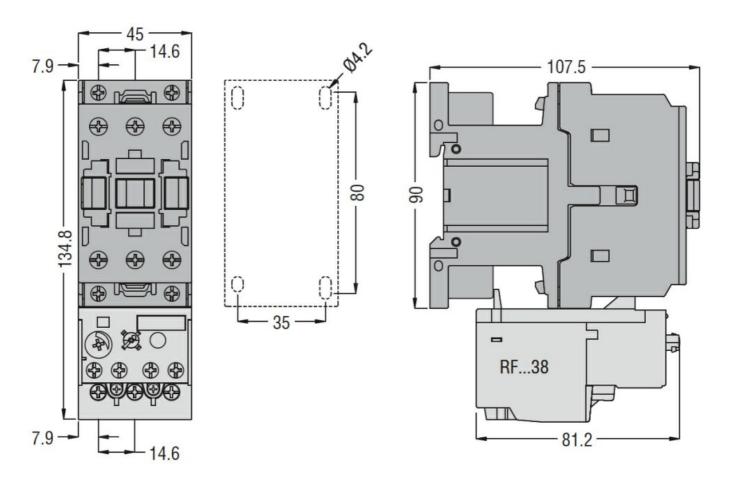




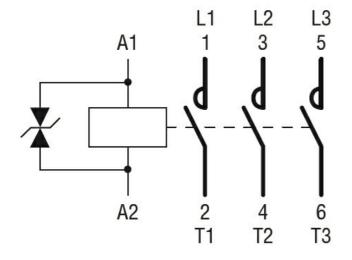
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Max					0/11	0.7
Average coil consuption ≤20°C min wus wus 0.40 wus 0.40				min	%Us	0.7
min wus wus 0.1 max wus 0.1 max wus 0.40 max 0.40 max wus 0.40 max		alasa sort		max	%US	1.25
Max cycles frequency		arop-out		min	0/116	0.1
Average coil consuption ≤20°C in-rush W 5.4 holding W 5.4 Max cycles frequency Mechanical operations Operating times Average time for Us control in AC						
In-rush W 5.4 Max cycles frequency	Average soil consuntion	n <20°C		max	%US	0.40
Max cycles frequency	Average con consuptio	II ≥20 C		in-ruch	۱۸/	5.4
Max cycles frequency Cycles/h 3600 Operating times Average time for Us control Average time for Us control min ms 8 max ms 24 Opening NO min ms 5 max ms 15 in DC Closing NO Closing NO min ms 54 max ms 66 Opening NO min ms 14 max ms 17 UL technical data max ms 17 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 at 110/120V hp 2 at 230V hp 5 for three-phase AC motor for three-phase AC motor at 200/208V hp 7.5 at 220/230V hp 15 at 220/230V hp 15 at 220/230V hp 15 at 460/480V hp 15 at 575/600V hp 20 General USE Contactor AC current A 32 Other features Pollution degree 3						
Mechanical operations	Max cycles frequency			Holding	• • • • • • • • • • • • • • • • • • • •	0.4
Closing NO					Cvcles/h	3600
Average time for Us control in AC Closing NO					<i>- y 0.00,</i>	
in AC Closing NO min ms 8 max ms 24 Opening NO min ms 5 max ms 15 in DC Closing NO min ms 54 max ms 66 Opening NO min ms 54 max ms 66 Opening NO min ms 54 max ms 66 Opening NO min ms 14 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 at 110/120V hp 2 at 230V hp 5 for three-phase AC motor at 200/208V hp 7.5 at 220/230V hp 7.5 at 220/230V hp 7.5 at 460/480V hp 15 at 575/600V hp 20 General USE Contactor AC current A 32 Other features Pollution degree 3	-	ntrol				
Closing NO	g					
Opening NO Min		-	Closing NO			
Opening NO			J	min	ms	8
Min ms 5 max ms 15 max ms 16 max ms 66 max ms 66 max ms 66 max ms 17 max ms 14 max ms 17 max ms 18 max ms 17 max ms 17 max ms 17 max ms 18 max m					ms	
Min ms 5 max ms 15 max ms 16 max ms 66 max ms 66 max ms 66 max ms 17 max ms 14 max ms 17 max ms 18 max ms 17 max ms 17 max ms 17 max ms 18 max m			Opening NO			
In DC			-	min	ms	5
Closing NO				max	ms	15
Opening NO Min Ms 54 Max Ms 66		in DC				
Opening NO			Closing NO			
Opening NO				min	ms	
Min ms 14 max ms 17				max	ms	66
Max ms 17			Opening NO			
Section Contactor Contac				min		
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 at 110/120V hp 2 at 230V hp 5 for three-phase AC motor at 200/208V hp 7.5 at 220/230V hp 7.5 at 460/480V hp 15 at 575/600V hp 20 General USE Contactor AC current A 32 Other features Pollution degree 3				max	ms	17
At 480V A 21 at 600V A 22						
at 600V A 22 Yielded mechanical performance for single-phase AC motor at 110/120V hp 2 at 230V hp 5 for three-phase AC motor at 200/208V hp 7.5 at 220/230V hp 7.5 at 460/480V hp 15 at 575/600V hp 20 General USE Contactor AC current A 32 Other features Pollution degree	Full-load current (FLA)	for three-phase A	C motor			
Yielded mechanical performance for single-phase AC motor at 110/120V hp 2 at 230V hp 5 for three-phase AC motor at 200/208V hp 7.5 at 220/230V hp 7.5 at 460/480V hp 15 at 575/600V hp 20 General USE Contactor AC current A 32 Other features Pollution degree 3						
for single-phase AC motor at 110/120V hp 2 at 230V hp 5 for three-phase AC motor at 200/208V hp 7.5 at 220/230V hp 7.5 at 460/480V hp 15 at 575/600V hp 20 General USE Contactor AC current A 32 Other features Pollution degree 3	Visit is transfer in the second			at 600V	А	22
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at 230V hp 5		for single-phase	AC motor	ot 440/400V	b.s	0
For three-phase AC motor at 200/208V hp 7.5 at 220/230V hp 7.5 at 460/480V hp 15 at 575/600V hp 20						
at 200/208V		for three phase	1C motor	at 230V	пр	ບ
at 220/230V hp 7.5 at 460/480V hp 15 at 575/600V hp 20		ioi tillee-phase /	40 III010I	at 200/208V	hn	7.5
at 460/480V at 575/600V hp 20 General USE Contactor AC current A 32 Other features Pollution degree 3						
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General USE Contactor AC current A 32 Other features Pollution degree 3						
Contactor AC current A 32 Other features Pollution degree 3	General USF			at 01 0/000 V		
AC current A 32 Other features Pollution degree 3		Contactor				
Other features Pollution degree 3				AC current	Α	32
Pollution degree 3	Other features			. 10 00011		
						3
	Dimensions					





Wiring diagrams



Certifications and compliance

Certifications

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1

IEC/EN 60947-1

IEC/EN 60947-4-1

UL 60947-1

UL 60947-4-1

Compliance

CCC





THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 24VDC

cULus	 	 	
FAC			

ETIM 6 classification

EC000066 - Power contactor, AC switching