



Product designation			Power contactor
Product type designation Contact characteristics			BF26
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		ΚV	0
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	max	A	45
Operational current le			
Operational current to	AC-1 (≤40°C)	Α	45
	AC-1 (≤55°C)	A	36
	AC-1 (≤70°C)	Α	32
	AC-3 (≤440V ≤55°C)	Α	26
	AC-4 (400V)	Α	11.5
Rated operational power AC-3 (T≤55°C)	710 1 (1001)	- ' ' '	11.0
Trailed operational perior 710 o (1=00 o)	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)			
1 1 - (/	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			
	≤24V	Α	25
	48V	Α	21
	75V	Α	18
	110V	Α	6
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	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



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	220V	Α	20
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	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	A	15
	75V	Α	13
	110V	Α	2
	220V	A	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series	220 V		
TEC max current le in DC3-DC3 with E/N = 13ms with 2 poles in series	≤24V	Α	20
	48V	A	20
	75V	A	18
	110V	A	13
150 (1 ' D00 D05 ''' 1/D 1/5 ''' 0 ''' 1	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
	220V	Α	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse			
	gG (IEC)	Α	50
	aM (IEC)	Α	32
Making capacity (RMS value)	·	Α	260
Breaking capacity at voltage			
5	440V	Α	208
	500V	A	184
	690V	A	168
Resistance per pole (average value)	330 V	mΩ	2
Power dissipation per pole (average value)		11122	
i owei dissipation pei pole (average value)	Ith	۱۸/	1
		W	4
Tightoning torque for torminals	AC-3	W	1.4
Tightening torque for terminals		N I.a.:	2.5
	min	Nm	2.5
	max	Nm	3
	min	lbin 	1.8
	max	Ibin	2.2
Tightening torque for coil terminal		_	
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.8





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	max	Ibin	0.74
	simultaneously connectable	Nr.	2
Conductor section			
	AWG/Kcmil		
	max		6
	Flexible w/o lug conductor section		
	min	mm²	2.5
	max	mm²	16
	Flexible c/w lug conductor section	2	4
	min	mm²	1
	The wide in a vista de anada lum conductor continu	mm²	10
	Flexible with insulated spade lug conductor section	mm²	1
	min	mm² mm²	1 10
	max	ШШ	IP20 when
Power terminal protect	tion according to IEC/EN 60529		properly wired
Mechanical features			properly wired
Operating position			
- F 2. 2 9 P 20111011	normal		Vertical plan
	allowable		±30°
			Screw / DIN rail
Fixing			35mm
Weight		g	560
Operations			
Mechanical life		cycles	20000000
Electrical life		cycles	1600000
Safety related data			
Performance level B10	0d according to EN/ISO 13489-1		
	rated load	cycles	1600000
	mechanical load	cycles	20000000
EMC compatibility			yes
DC coil operating			
DC rated control voltage	ge	V	60
DC operating voltage			
	pick-up		
	min	%Us	70
	max	%Us	125
	drop-out	0.41.5	4.0
	min	%Us	10
A	max	%Us	40
Average coil consump		147	5 4
	in-rush	W	5.4
May avalag fraguesas	holding	W	5.4
Max cycles frequency		ov. (al. a. = /l.	2600
Mechanical operation		cycles/h	3000
Operating times	ontrol		
Average time for Us co			
	in AC		
	Closing NO	ma	0
	min	ms ms	8 24
	Max Opening NO	ms	4 4
	opening NO min	ms	5
	max	ms	15
	IIIax	1113	

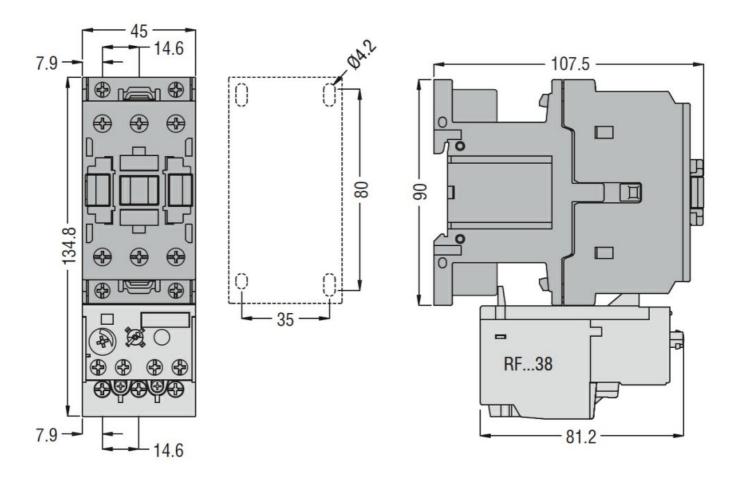




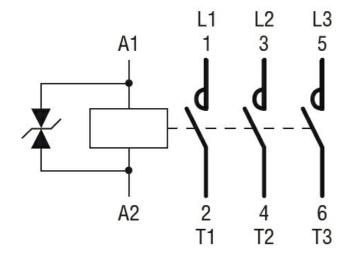
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Max Mis Section Mis Section Mis		Closing NC			
Name		Olosing No	min	ms	q
Opening NC					
Min		Opening NC	max	1113	20
Max		Opening NO	min	me	Q
In DC					
Closing NO		in DC	max		
Max					
March Marc		0.00m.g . v 0	min	ms	54
Opening NO					
Min max 14 max 17 max		Opening NO			
Max Max		5 p s	min	ms	14
Ul technical data Rated operational voltage AC (UL)					
Rated operational voltage AC (UL)	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 2 230V HP 5		age AC (UL)		V	600
A					
Telded 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 7.5 220/230V HP 15 220/230V HP 15 575/600V HP 20 General USE 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 5 Fuse rating A 100 Ambient conditions Temperature Min °C -50 Max 8 c - 70 Storage temperature min °C -60		,	at 480V	Α	21
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 A 45 Short-circuit protection fuse, 600V High fault Short circuit current Fuse rating A 100 Fuse class J Standard fault Short circuit current Fuse rating A 100 Fuse class J Standard fault Short circuit current Fuse rating A 100 Fuse class J Storage temperature Short circuit current Fuse rating A 100 Fuse rating					
For single-phase AC motor 110/120V	Yielded mechanical pe	erformance		•	
110/120V					
Standard fault Short circuit current KA S Standard fault Short circuit current Short circuit current KA S Standard fault Short circuit current Short circuit cur		en em 9.0 product no mater	110/120V	HP	2
For three-phase AC motor 200/208V HP 7.5 7.5 220/230V HP 7.5 7.5 220/230V HP 7.5 7					
Contactor		for three-phase AC motor			
Contactor			200/208V	HP	7.5
A60/480V					
Standard fault Short circuit current KA 5 5					
Contactor					
Contactor	General USE				_
AC current		Contactor			
High fault			AC current	Α	45
High fault	Short-circuit protection	n fuse, 600V			
Short circuit current KA 100 Fuse rating Fuse class J	·				
Fuse class J		C	Short circuit current	kA	100
Fuse class J			Fuse rating	Α	100
Short circuit current Fuse rating					
Fuse rating A 100		Standard fault			_
Ambient conditions			Short circuit current	kA	5
Operating temperature			Fuse rating	Α	100
Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3	Ambient conditions				
min min max °C -50 max -50 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection James 3000	Temperature				
max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3		Operating temperature			
Storage temperature min or company or construction "Company or construction Max altitude m 3000 Resistance & Protection s Pollution degree 3			min		-50
min min max °C -60 regree Max altitude m 3000 Resistance & Protection 3 Pollution degree 3			max	°C	70
Max altitudemax°C80Mesistance & Protectionm3000Pollution degree3		Storage temperature			
Max altitude m 3000 Resistance & Protection Pollution degree 3			min		-60
Resistance & Protection Pollution degree 3			max	°C	80
Pollution degree 3	Max altitude			m	3000
	Resistance & Protection	on			
Dimensions					3
	Dimensions				





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

Certificates

CCC



BF2600D060

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 60VDC

cULus			
FAC			

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching