

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 400VAC



Product designation Product type designation			Power contactor BF26
Contact characteristics			D1 20
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	45
Operational current le			·
AC-1	(≤40°C)	Α	45
AC-1	(≤55°C)	Α	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)			
	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			
	≤24V	Α	25
	48V	Α	21
	75V	Α	18
	110V	Α	6
150	220V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		_	
	≤24V	Α	28
	48V	A	28
	75V	A	25
	110V	A	22
IFC many assument to in DC4 with 1/D < 4 man with 2 malon in across	220V	A	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	-241	۸	20
	≤24V	A	28
	48V	A	28
	75V 110V	A	25 24
	1100	Α	4 4



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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	lbin	0.74
	simultaneously connectable		Nr.	2
Conductor section	ANAIO/IIZ			
	AWG/Kcmil			6
	Florible w/e lug conductor coetion	max		6
	Flexible w/o lug conductor section	min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section	παλ	111111	10
	Tiexible 6/W lag conductor section	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor se			
		min	mm²	1
		max	mm²	10
Dawar tarminal proto	etion coording to IFC/FN COFOO			IP20 when
Power terminal prote	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight			g	436
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data	40-1			
Performance level B	10d according to EN/ISO 13489-1	الممال المعادة	aalaa	1000000
		rated load mechanical load	cycles	1600000 20000000
EMC compatibility		mechanical load	cycles	
AC coil operating				yes
Rated AC voltage at	50/60Hz		V	400
AC operating voltage			•	400
no operating voltage	of 50/60Hz coil powered at 50Hz			
	pick-up			
	ρίοι αρ	min	%Us	80
			%Us	110
		max		-
	drop-out	max	7000	
	drop-out	max min	%Us	20
	drop-out			20 55
	of 50/60Hz coil powered at 60Hz	min	%Us	
		min	%Us	
	of 50/60Hz coil powered at 60Hz	min	%Us	
	of 50/60Hz coil powered at 60Hz	min max	%Us %Us	55
	of 50/60Hz coil powered at 60Hz	min max min	%Us %Us %Us	55 85
	of 50/60Hz coil powered at 60Hz pick-up	min max min	%Us %Us %Us %Us %Us	85 110 20
	of 50/60Hz coil powered at 60Hz pick-up drop-out	min max min max	%Us %Us %Us %Us	85 110
AC average coil cons	of 50/60Hz coil powered at 60Hz pick-up drop-out	min max min max min	%Us %Us %Us %Us %Us	85 110 20
AC average coil cons	of 50/60Hz coil powered at 60Hz pick-up drop-out	min max min max min	%Us %Us %Us %Us %Us	85 110 20
AC average coil cons	of 50/60Hz coil powered at 60Hz pick-up drop-out	min max min max min	%Us %Us %Us %Us %Us %Us	55 85 110 20 55
AC average coil cons	of 50/60Hz coil powered at 60Hz pick-up drop-out sumption at 20°C of 50/60Hz coil powered at 50Hz	min max min max min max	%Us %Us %Us %Us %Us %Us	55 85 110 20 55
AC average coil cons	of 50/60Hz coil powered at 60Hz pick-up drop-out	min max min max min max	%Us %Us %Us %Us %Us %Us	55 85 110 20 55





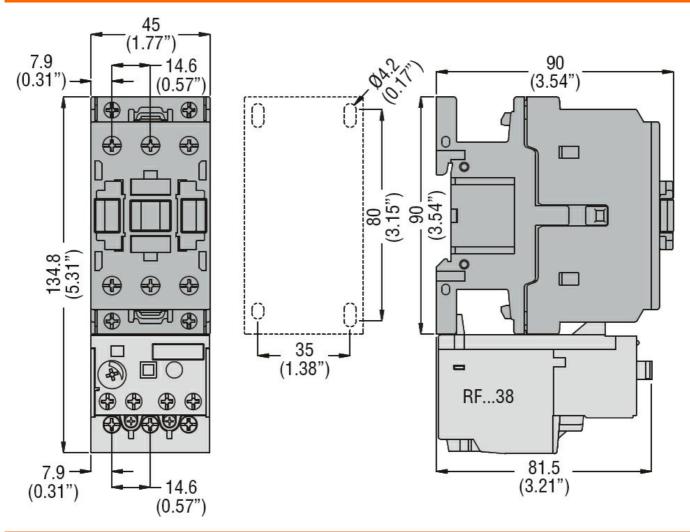
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		holding	VA	6.5
	of 60Hz coil powered at 60Hz			
	01 001 12 0011 poworod at 001 12	in-rush	VA	75
		holding	VA	9
Dissipation at holding ≤	20°C 50H ₇	riolaing	W	2.5
Max cycles frequency	20 6 301 12		VV	2.3
			cycles/h	2600
Mechanical operation			cycles/n	3600
Operating times	et est			
Average time for Us co				
	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	20
	Opening NC			
		min	ms	9
		max	ms	17
UL technical data				
Rated operational volta	ge AC (UL)		V	600
Full-load current (FLA)	for three-phase AC motor			_
		at 480V	Α	21
		at 600V	Α	22
Yielded mechanical per	rformance			
·	for single-phase AC motor			
	3 1 3 1	110/120V	HP	2
		230V	HP	5
	for three-phase AC motor			
	Tot under phase the motor	200/208V	HP	7.5
		220/230V	HP	7.5
		460/480V	HP	15
		575/600V	HP	20
General USE		373/0001	- ' ''	20
General USL	Contactor			
	Contactor	AC current	Α	45
Chart aircuit protection	fues 600V	AC current	^	45
Short-circuit protection				
	High fault			400
		Short circuit current	kA	100
		Fuse rating	Α	100
		Fuse class		J
	Standard fault			_
		Short circuit current	kA	5
		Fuse rating	Α	100
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			_
		min	°C	-60

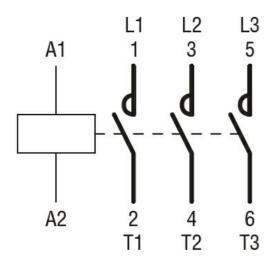
ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 400VAC

	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			



Wiring diagrams



Certifications and compliance

Compliance



BF2600A400

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	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