



## THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 460VAC



Product designation Product type designation			Power contactor BF26
Contact characteristics			DF20
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
		KV	· ·
Operational frequency	min	LI-	25
	min	Hz	25
IFC Conventional free circle areas a surrout like	max	Hz	400
IEC Conventional free air thermal current Ith		Α	45
Operational current le	A O A (<40°O)	۸	45
	AC-1 (≤40°C)	A	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)			
	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
	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			
- 1	≤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			
120 max current to in 200 200 mar 2/11 = Tome war 1 polos in conce	≤24V	Α	18
	48V	A	15
	75V	A	13
	110V	A	2
	220V	A	_
IFC many assument to in DC2 DC5 with L/D < 45 may with 2 males in agrice	220 V	<u> </u>	<del>_</del>
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series	<b>2041</b> /	۸	00
	≤24V	A	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
	220V	Α	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse			
Total Control Tubb	gG (IEC)	Α	50
	aM (IEC)	A	32
Making capacity (RMS value)	aivi (ILO)		260
		Α	200
Breaking capacity at voltage	44017	۸	200
	440V	A	208
	500V	A	184
	690V	Α	168
Resistance per pole (average value)		mΩ	2
Power dissipation per pole (average value)			
	Ith	W	4
	AC-3	W	1.4
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	Ibin	1.8
	max	Ibin	2.2
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.8
			= : <del>=</del>





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		max	Ibin	0.74
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			_
	<del></del>	max		6
	Flexible w/o lug conductor section		2	0.5
		min	mm²	2.5
	Flexible c/w lug conductor section	max	mm²	16
	Flexible C/W lug corludctor Section	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section	Hax	111111	10
	r lexible with inducted space tag sortauctor section	min	mm²	1
		max	mm²	10
Dayyar tarminal musta	ction according to IEC/EN COESO			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	420
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				0000000
Mechanical life			cycles	20000000
Electrical life Safety related data			cycles	1600000
•	10d according to EN/ISO 13489-1			
r enomiance level b	Tod according to ETV/ISO 13469-1	rated load	cycles	1600000
	me	echanical load	cycles	2000000
Mirror contats accord	ling to IEC/EN 609474-4-1	oriamoar load	Oyoloo	yes
EMC compatibility	g to 120/211 000 17 1 1 1			yes
AC coil operating				yee
Rated AC voltage at	60Hz		V	460
Rated AC voltage at AC operating voltage			V	460
			V	460
			V	460
AC operating voltage	of 60Hz coil powered at 60Hz	min	V %Us	80
	of 60Hz coil powered at 60Hz	min max		
	of 60Hz coil powered at 60Hz	max	%Us %Us	80 110
	of 60Hz coil powered at 60Hz pick-up	max min	%Us %Us %Us	80 110 20
AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max	%Us %Us	80 110
	of 60Hz coil powered at 60Hz pick-up drop-out	max min	%Us %Us %Us	80 110 20
AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max min max	%Us %Us %Us %Us	80 110 20 55
AC operating voltage	of 60Hz coil powered at 60Hz pick-up drop-out	max min max in-rush	%Us %Us %Us %Us	80 110 20 55
AC operating voltage  AC average coil cons	of 60Hz coil powered at 60Hz pick-up  drop-out  sumption at 20°C of 60Hz coil powered at 60Hz	max min max	%Us %Us %Us %Us VA	80 110 20 55 75 9
AC operating voltage  AC average coil cons  Dissipation at holding	of 60Hz coil powered at 60Hz pick-up  drop-out  sumption at 20°C of 60Hz coil powered at 60Hz  g ≤20°C 50Hz	max min max in-rush	%Us %Us %Us %Us	80 110 20 55
AC operating voltage	of 60Hz coil powered at 60Hz pick-up  drop-out  sumption at 20°C of 60Hz coil powered at 60Hz  g ≤20°C 50Hz	max min max in-rush	%Us %Us %Us %Us VA	80 110 20 55 75 9



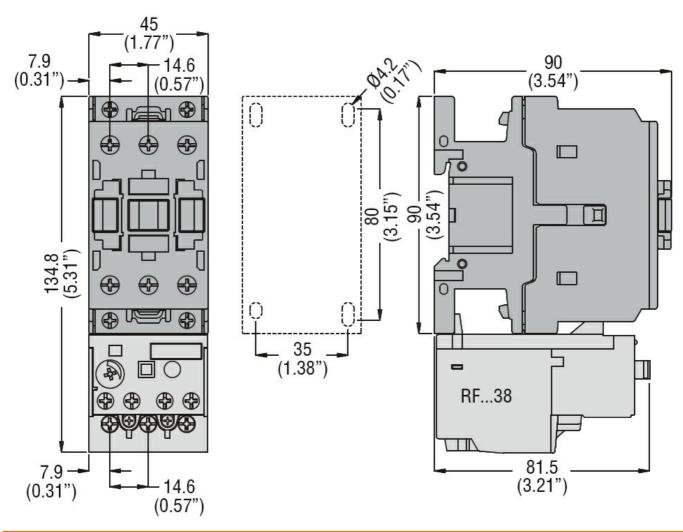


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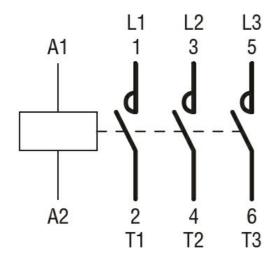
Average time for Us c	ontrol				
-	in AC				
		Closing NO			
			min	ms	8
			max	ms	24
		Opening NO			_
			min	ms	5
		Observe NO	max	ms	15
		Closing NC			0
			min max	ms	9 20
		Opening NC	Παλ	ms	20
		Opening NO	min	ms	9
			max	ms	17
UL technical data					
	) for three-phase AC mo	tor			
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe	erformance				_
	for single-phase AC n	notor			
			110/120V	HP	2
			230V	HP	5
	for three-phase AC m	otor	//		
			200/208V	HP	7.5
			220/230V	HP	7.5
			460/480V	HP HP	15
General USE			575/600V	ПР	20
General USE	Contactor				
	Contactor		AC current	Α	45
Short-circuit protection	n fuse, 600V		710 00110111	- / (	
, , , , , , , , , , , , , , , , , , ,	High fault				
	g		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	Э		0.0	
			min	°C	-50 -70
	Ctoro ao toro a oroturo		max	°C	70
	Storage temperature		min	°C	-60
			min	°C	80
Max altitude			max	m	3000
Resistance & Protecti	on			111	3000
Pollution degree	OII				3
Dimensions					
Partionolio 10					



## THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ,



### 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



### BF2600A46060

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

	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching