## BF2600A024



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 24VAC



Product designation			Power contactor
Product type designation			BF26
Contact characteristics			DI 20
Number of poles		nr.	3
Rated insulation voltage Ui		V	690
Rated impulse withstand voltage Uimp		kV	6
Operating frequency		ΚV	0
Operating nequency	Operational frequency min	Hz	25
	Operational frequency max	Hz	400
Conventional free air thermal current Ith		A	400 45
Operating current		~	45
Operating current	Operational current AC1 (≤40°C)	А	45
	Operational current AC3 (≤440V ≤55°C)	A	26
	Operational current AC4 (400V)	A	11.5
Rated operational power AC1 (T≤40°C)		~	11.5
	230V	kW	17
	400V	kW	30
	400V 500V	kW	37
	690V	kW	51
Rated operational power AC3 (T≤55°C)	0001		51
	230V	kW	7.3
	400V	kW	13
	400V 415V	kW	14
	440V	kW	14
	500V	kW	15.6
	690V	kW	18.5
Short-time allowable current for 10s (IEC/EN6		A	210
Protection fuse			210
	gG (IEC)	А	50
	aM (IEC)	A	32
Making capacity (RMS value)		A	260
Breaking capacity at voltage			200
Broaking capacity at voltage	Breaking capacity 440V	А	208
	Breaking capacity 500V	A	184
	Breaking capacity 690V	A	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
	THAX	1011	<u> </u>

## Tightening torque for coil terminal



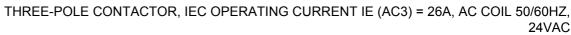
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		min	Nm	0.8
		max	Nm	1
		min	lbft	0.8
		max	lbft	0.74
	simultaneously connectable		nr.	2
Conductor section				
	AWG			
		min		14
		max		6
	Flexible w/o lug conductor section			0 5
		min	mm²	2.5
	Flowible of the conductor continu	max	mm²	16
	Flexible c/w lug conductor section	min	$mm^2$	4
		min	mm² mm²	1 10
	Elevible with insulated apade lug conductor of	max	111111	10
	Flexible with insulated spade lug conductor se	min	mm²	1
		max	mm²	10
Power terminal protec	tion according to IEC/EN 60529	max		IP20 when wired
Auxiliary contact chara				II 20 WHEN WICC
Operational current A			А	45
Operating current DC			7.	10
		110V	A	Screw / DIN rail 35mm
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Operating position				
		normal		Vertical plan
		allowable		±30°
Mounting				Screw / DIN rail 35mm
Weight			g	0.429
Operations				
Mechanical life			Cycles	2000000
Electrical life			Cycles	1600000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1			
		rated load	Cicli	1600000
		mechanical load	Cicli	2000000
	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			

%Us 0.8 min

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		max	%Us	1.1
	drop-out			
		min	%Us	0.2
		max	%Us	0.55
	of 50/60Hz coil powered at 60Hz	Пах	/000	0.00
	pick-up			
	ρισκ-αρ	min	%Us	0.85
		max	%Us	1.1
	drop-out	Шал	/003	1.1
	ulop-out	min	%Us	0.2
			%Us	0.2
	of COLLE acil nowared at COLLE	max	%05	0.55
	of 60Hz coil powered at 60Hz			
	pick-up		0/11	
		min	%Us	0.8
		max	%Us	1.1
	drop-out	-	o/!!	
		min	%Us	0.2
		max	%Us	0.55
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz			
	·	in-rush	VA	75
		holding	VA	9
Dissipation at holding	≤20°C 50Hz	Ŭ	W	2.5
Max cycles frequency				
Mechanical operations			Cycles/h	3600
Operating times			• ) • • • • •	
operating times				
Average time for LIs co	ontrol			
Average time for Us co				
Average time for Us co	in AC			
Average time for Us co		min	me	8
Average time for Us co	in AC	min	ms	8
Average time for Us co	in AC Closing NO	min max	ms ms	8 24
Average time for Us co	in AC	max	ms	24
Average time for Us co	in AC Closing NO	max	ms ms	24 5
	in AC Closing NO	max	ms	24
UL technical data	in AC Closing NO Opening NO	max	ms ms	24 5
UL technical data	in AC Closing NO	max min max	ms ms ms	24 5 15
UL technical data	in AC Closing NO Opening NO	max min max at 480V	ms ms ms	24 5 15 21
UL technical data Full-load current (FLA)	in AC Closing NO Opening NO	max min max	ms ms ms	24 5 15
UL technical data	in AC Closing NO Opening NO ) for three-phase AC motor	max min max at 480V	ms ms ms	24 5 15 21
UL technical data Full-load current (FLA)	in AC Closing NO Opening NO	max min max at 480V at 600V	ms ms ms	24 5 15 21
UL technical data Full-load current (FLA)	in AC Closing NO Opening NO ) for three-phase AC motor	max min max at 480V	ms ms ms	24 5 15 21
UL technical data Full-load current (FLA)	in AC Closing NO Opening NO ) for three-phase AC motor	max min max at 480V at 600V	ms ms Ms A A	24 5 15 21 22
UL technical data Full-load current (FLA)	in AC Closing NO Opening NO ) for three-phase AC motor	max min max at 480V at 600V at 110/120V	ms ms Ms A A	24 5 15 21 22 2
<mark>UL technical data</mark> Full-load current (FLA)	in AC Closing NO Opening NO ) for three-phase AC motor erformance for single-phase AC motor	max min max at 480V at 600V at 110/120V	ms ms Ms A A	24 5 15 21 22 2
UL technical data Full-load current (FLA)	in AC Closing NO Opening NO ) for three-phase AC motor erformance for single-phase AC motor	max min max at 480V at 480V at 600V at 110/120V at 230V	ms ms A A A hp hp	24 5 15 21 22 2 5
UL technical data Full-load current (FLA)	in AC Closing NO Opening NO ) for three-phase AC motor erformance for single-phase AC motor	max min max at 480V at 480V at 600V at 600V at 200/208V	ms ms A A hp hp	24 5 15 21 22 2 5 7.5
UL technical data Full-load current (FLA)	in AC Closing NO Opening NO ) for three-phase AC motor erformance for single-phase AC motor	max min max at 480V at 600V at 600V at 200/208V at 220/208V at 220/208V	ms ms A A hp hp hp	24 5 15 21 22 2 5 7.5 7.5

General USE

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

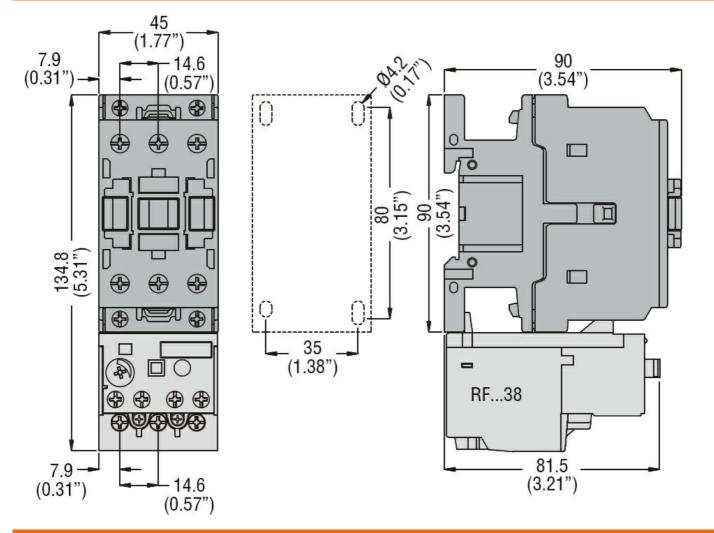
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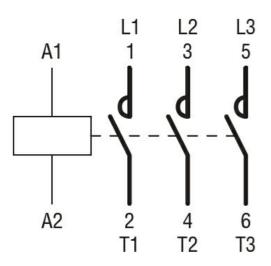
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Contactor





## Wiring diagrams



## Certifications and compliance Certifications

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	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
	cULus
	EAC
ETIM 6 classification	

EC000066 - Power contactor, AC switching

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