## BF2600A230



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 230VAC



Product designation			Power contactor
Product type designation			BF26
Contact characteristics			-
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		А	45
Operational current le			
	AC-1 (≤40°C)	А	45
	AC-1 (≤55°C)	А	36
	AC-1 (≤70°C)	А	32
	AC-3 (≤440V ≤55°C)	А	26
	AC-4 (400V)	А	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 $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	25
	48V	А	21
	75V	А	18
	110V	А	6
	220V	Α	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	28
	48V	А	28
	75V	А	25
	110V	А	22
	220V	Α	2
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
	≤24V	А	28
	48V	А	28
	75V	А	25
	110V	А	24

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	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	А	25	
	110V	А	24	
	220V	А	26	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series				
	≤24V	А	18	
	48V	А	15	
	75V	А	13	
	110V	А	2	
	220V	Α	_	
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 2 poles in series				
	≤24V	А	20	
	48V	А	20	
	75V	А	18	
	110V	А	13	
	220V	Α	3	
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 3 poles in series				
	≤24V	А	25	
	48V	А	25	
	75V	А	20	
	110V	А	18	
	220V	Α	19	
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 4 poles in series				
	≤24V	А	30	
	48V	А	30	
	75V	A	25	
	110V	Α	20	
	220V	Α	15	
Short-time allowable current for 10s (IEC/EN60947-1)		А	210	
Protection fuse				
	gG (IEC)	Α	50	
	aM (IEC)	A	32	
Making capacity (RMS value)		Α	260	
Breaking capacity at voltage				
	440V	A	208	
	500V	A	184	
	690V	A	168	
Resistance per pole (average value)		mΩ	2	
Power dissipation per pole (average value)	14	147		
	Ith	W	4	
	AC3	W	1.4	
Tightening torque for terminals		Nime	0 F	
	min	Nm Nm	2.5	
	max	Nm Ihin	3	
	min	lbin Ibin	1.8 2.2	
Tightening torque for coil terminal	max		۷.۷	
	min	Nm	0.8	
	max	Nm	0.8 1	
	min	Ibin	0.8	
	111111		0.0	

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	max	Ibin	0.74
simultaneously connectable		Nr.	2
AWG/KCMII			6
Elevible w/o lug conductor section	IIIdX		6
	min	mm²	2.5
			16
Flexible c/w lug conductor section			
	min	mm²	1
	max	mm²	10
Flexible with insulated spade lug conductor section			
	min	mm²	1
	max	mm²	10
ction according to IEC/EN 60529			IP20 when
,			properly wired
	normal		Vortical plan
			Vertical plan ±30°
	allowable		Screw / DIN rail
			35mm
		g	424
AWG/kcmil conductor section			
	max		6
		-	2000000
		cycles	1600000
Ud according to EN/ISO 13489-1	اممام منعت	avalaa	1600000
		•	2000000
		Cycles	yes
			yes
			yes
50/60Hz		V	230
of 50/60Hz coil powered at 50Hz			
pick-up			
	min	%Us	80
	max	%Us	110
drop-out			
	min	%Us	20
	max	%Us	55
of 50/60Hz coil powered at 60Hz			55
of 50/60Hz coil powered at 60Hz pick-up	max	%Us	
•	maxmin	%Us %Us	85
pick-up	max	%Us	
•	maxmin	%Us %Us	85
	ction according to IEC/EN 60529 AWG/kcmil conductor section Od according to EN/ISO 13489-1 n ing to IEC/EN 609474-4-1 so/60Hz of 50/60Hz coil powered at 50Hz pick-up	AWG/Kcmil max Flexible w/o lug conductor section min max Flexible c/w lug conductor section min max Flexible with insulated spade lug conductor section min max Flexible with insulated spade lug conductor section min max ction according to IEC/EN 60529 AWG/kcmil conductor section max allowable AWG/kcmil conductor section max 0d according to EN/ISO 13489-1 rated load mechanical load ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up min max	simultaneously connectable Nr.          AWG/Kcmil       max         Flexible w/o lug conductor section       min         max       mm²         Flexible c/w lug conductor section       min         min       mm²         Flexible with insulated spade lug conductor section       min         max       mm²         flexible with insulated spade lug conductor section       min         min       mm²         max       mm²         flexible with insulated spade lug conductor section       min         min       mm²         g       AWG/kcmil conductor section         max       max         g       AWG/kcmil conductor section         max       max         g       cycles         cycles       cycles         cycles       cycles         ing to IEC/EN 609474-4-1       mechanical load         so/60Hz       V         of 50/60Hz coil powered at 50Hz       v         pick-up       min       %Us

of 50/60Hz coil powered at 50Hz

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		in-rush	VA	75
			VA VA	
	of 50/0011- and a second of 0011-	holding	VA	9
	of 50/60Hz coil powered at 60Hz	2	١./٨	70
		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		W	2.5
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times				
Average time for Us co	ontrol			
	in AC			
	Closing NO			
	Ŭ	min	ms	8
		max	ms	24
	Opening NO	max		
	opoining roo	min	ms	5
		max	ms	15
	Closing NC	IIIdA	113	.0
		min	ms	9
				20
		max	ms	20
	Opening NC	an in		0
		min	ms	9
UL technical data		max	ms	17
	for three phase AC motor			
	) for three-phase AC motor			
	o for three-phase AC motor	at 480V	A	21
Full-load current (FLA)		at 480V at 600V	A A	21 22
	erformance			
Full-load current (FLA)		at 600V	A	22
Full-load current (FLA)	erformance	at 600V 110/120V	A HP	
Full-load current (FLA)	erformance for single-phase AC motor	at 600V	A	22
Full-load current (FLA)	erformance	at 600V 110/120V 230V	A HP	22
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V	A HP	22
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V	A HP HP	22 2 5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V	A HP HP HP	22 2 5 7.5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V	A HP HP HP HP	22 2 5 7.5 7.5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	A HP HP HP HP HP	22 2 5 7.5 7.5 15
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	A HP HP HP HP HP	22 2 5 7.5 7.5 15
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	A HP HP HP HP HP HP	22 2 5 7.5 7.5 15 20
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	A HP HP HP HP HP	22 2 5 7.5 7.5 15
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	A HP HP HP HP HP HP	22 2 5 7.5 7.5 15 20
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	A HP HP HP HP HP A	22 2 5 7.5 7.5 15 20 45
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current	A HP HP HP HP HP A	22 2 5 7.5 7.5 15 20 45 100
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating	A HP HP HP HP HP A	22 2 5 7.5 7.5 15 20 45 100 100
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current	A HP HP HP HP HP A	22 2 5 7.5 7.5 15 20 45
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	A HP HP HP HP HP A KA A	22 2 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	A HP HP HP HP HP A KA A	22 2 5 7.5 7.5 15 20 45 100 100 J 5
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	A HP HP HP HP HP A KA A	22 2 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical per General USE Short-circuit protection	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	A HP HP HP HP HP A KA A	22 2 5 7.5 7.5 15 20 45 100 100 J 5
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor a fuse, 600V High fault Standard fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	A HP HP HP HP HP A KA A	22 2 5 7.5 7.5 15 20 45 100 100 J 5
Full-load current (FLA) Yielded mechanical per General USE Short-circuit protection	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	A HP HP HP HP HP A KA A	22 2 5 7.5 7.5 15 20 45 100 100 J 5

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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

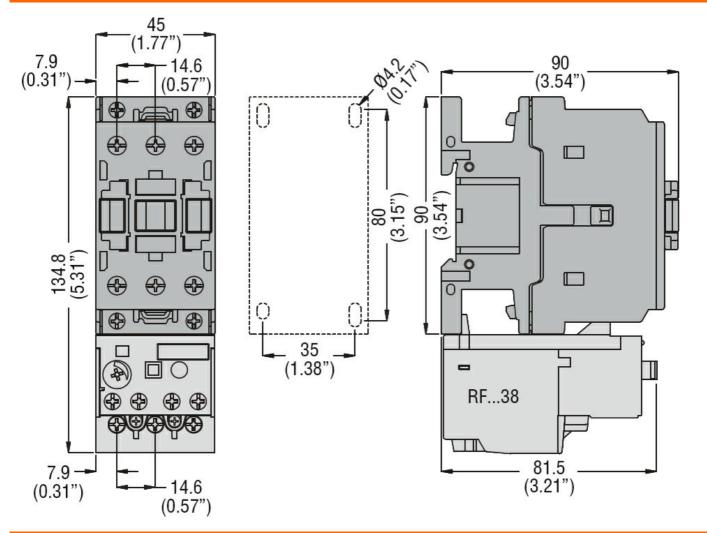


THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 230VAC

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	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3

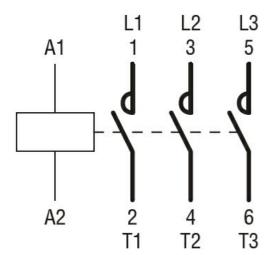
Dimensions



Wiring diagrams



BF2600A230 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 230VAC



## Certifications and compliance

ENERGY AND AUTOMATION

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
	cULus
	EAC
ETIM classification	n

**ETIM 8.0** 

EC000066 -Power contactor, AC switching