BF2600A110



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 110VAC



Product designation			Power contactor
Product type designation			BF26
Contact characteristics			BI 20
Number of poles		pr	3
		nr.	
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)	A	36
	AC-1 (≤55°C) AC-1 (≤70°C)		32
		A	
	AC-3 (≤440V ≤55°C)	A	26
	AC-4 (400V)	A	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)			1010
	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	А	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	А	28
	48V	A	28
	75V	A	25
	110V	A	22
	220V	A	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	2201	7.	20
	≤24V	А	28
	48V	A	28
	75V	А	25
	110V	А	24
	220V	А	26
IEC max current le in DC3-DC5 with $L/R \le 15$ ms 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	A	18
	110V	A	13
	220V	A	3
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series			
	≤24V	A	25
	48V	A	25
	75V	A	20
	110V	A	18
$\frac{1}{100}$ may surrent to in DC2 DC5 with $\frac{1}{100} < 15$ ms with 4 poles in series	220V	A	19
IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series	≤24V	٨	20
	≤24V 48V	A A	30 30
	48V 75V	A	25
	110V	A	20
	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)	2201	A	210
Protection fuse			2.0
	gG (IEC)	А	50
	aM (IEC)	A	32
Making capacity (RMS value)		Α	260
Breaking capacity at voltage			
	440V	А	208
	500V	А	184
	690V	А	168
Resistance per pole (average value)		mΩ	2
Power dissipation per pole (average value)			
	lth	W	4
	AC3	W	1.4
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	Ibin	1.8
	max	Ibin	2.2
The first state of the state of			

Tightening torque for coil terminal

rightening torqu	le for con terminal		

0.8

0.8

1

Nm

Nm

lbft

min

max

min



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electric	THREE-POLE CONTACTOR, IEC OPERATING CUR	RENT IE (AC3) = 26A,	
ENERGY AND AUTOMATION				110VAC
		max	lbft	0.74
Max number of wires	simultaneously connectable		nr.	2
Conductor section				
	Flexible w/o lug conductor section			
		min	mm²	2.5
		max	mm²	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
Power terminal prote	ction according to IEC/EN 60529			IP20 when wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°

	normal allowable		Vertical plan ±30°
Fixing			Screw / DIN rail 35mm
Weight		g	426
Operations		-	
Mechanical life		cycles	2000000
Electrical life		cycles	1600000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	1600000
	mechanical load	cycles	20000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 50/60Hz, 60Hz			
	min	V	12
	max	V	600
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
pick-up			
	max	%Us	110
drop-out			
	min	%Us	20
	max	%Us	55
of 50/60Hz coil powered at 60Hz			
pick-up			
	min	%Us	85
	max	%Us	110
drop-out			
	min	%Us	20
	max	%Us	55
AC operating voltage at 20°C			
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

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110VAC

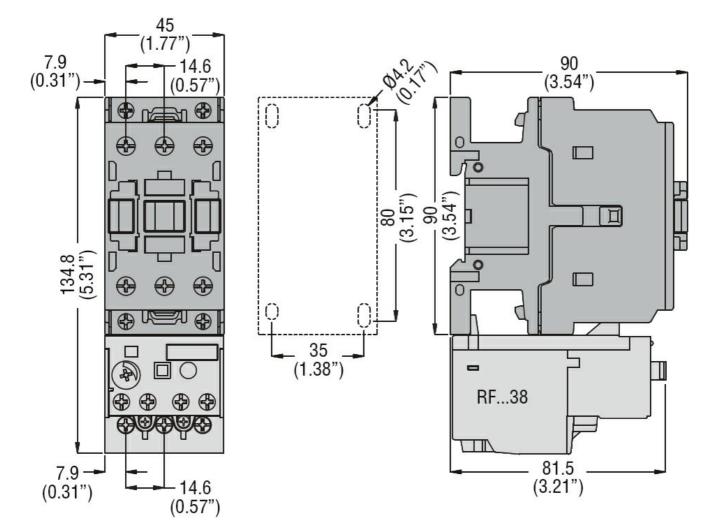
	of 60Hz coil powered at 60Hz			
		in-rush	VA	75
		holding	VA	9
Dissipation at holding	≤20°C 50Hz		W	2.5
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times			0,000,11	0000
Average time for Us co	antrol			
The raye time for 05 of	in AC			
	Closing NO			
		min	ms	8
		max	ms	24
	Opening NO	IIIdA	1115	24
		min	me	5
			ms	
		max	ms	15
	Closing NC		-	0
		min	ms	9
		max	ms	20
	Opening NC		-	0
		min	ms	9
		max	ms	17
UL technical data				
Full-load current (FLA)) for three-phase AC motor			
		at 480V	А	21
		at 600V	A	22
Yielded mechanical pe				
	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
		460/480V	hp	15
		575/600V	hp	20
General USE				
	Contactor			
		AC current	А	45
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°Č	70
	Storage temperature	Шах	U U	
		min	°C	-60
		max	°C	80
Max altitude		IIIdX		3000
Resistance & Protection	on		m	5000
				3
Pollution degree				ა
Dimensions				

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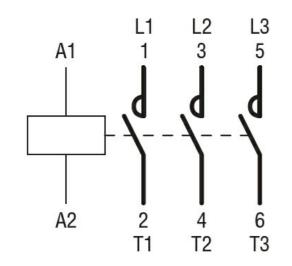
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Wiring diagrams



Certifications and compliance

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	

Compliance

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	UL 60947-4-1
Certificates	
	CCC
	cULus
	EAC