

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



Product designation Product type designation			Power contactor BF26
Contact characteristics			B1 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	A	21
	75V	A	18
	110V	A	6
IFC may current le in DC1 with L/D < 1 mg with 2 notes in series	220V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	<0.417	۸	20
	≤24V 48V	A	28
	75V	A A	28
	110V	A	25 22
	220V	A	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	220 V	A	
	≤24V	Α	28
	≤24 V 48 V	A	28
	75V	A	25 25
	110V	A	24
	1100	^	4 7



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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	Α	15
	75V	Α	13
	110V	Α	2
	220V	Α	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	≤24V	Α	20
	48V	Α	20
	75V	A	18
	110V	A	13
	220V	A	3
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	220 V		J
TEC max current le in DO3-DO3 with L/R > 13ms with 3 poles in series	≤24V	۸	25
	≤24 V 48 V	A	
		A	25
	75V	A	20
	110V	A	18
	220V	A	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			
	440V	Α	208
	500V	Α	184
	690V	Α	168
Resistance per pole (average value)		mΩ	2
Power dissipation per pole (average value)			_
. The storpasion por polo (arolago raido)	Ith	W	4
	AC-3	W	1.4
Tightening torque for terminals	70 0	V V	
rightening torque for terminals	min	Nm	2.5
			2.5 3
	max	Nm Ibin	
	min	lbin	1.8
Tightoning tours for sail tours in a	max	lbin	2.2
Tightening torque for coil terminal			0.0
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.8



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

Max number of wires simultaneously connectable Conductor section	lbin	0.74
'anduator agation	Nr.	2
AWG/Kcmil		6
Flexible w/o lug conductor section		0
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 protection according to IEC/EN 60529		IP20 when
		properly wired
Mechanical features Operating position		
operating position normal		Vertical plan
allowable		±30°
		Screw / DIN rail
Fixing		35mm
Veight	g	426
Conductor section		
AWG/kcmil conductor section		
max		6
Operations Control of the Control of		0000000
Mechanical life	cycles	20000000
Electrical life Safety related data	cycles	1600000
Performance level R10d according to FN/ISO 13489-1		
Performance level B10d according to EN/ISO 13489-1	cycles	1600000
rated load	cycles cycles	1600000 2000000
rated load mechanical load	cycles cycles	20000000
rated load	•	
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1	•	20000000 yes
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz	•	20000000 yes
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage	cycles	20000000 yes yes
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz	cycles	20000000 yes yes
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up	cycles V	20000000 yes yes 24
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min	v V	20000000 yes yes 24
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max	cycles V	20000000 yes yes 24
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max drop-out	V V %Us %Us	20000000 yes yes 24 80 110
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max	v V %Us %Us %Us	20000000 yes yes 24 80 110 20
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max drop-out min max	V V %Us %Us	20000000 yes yes 24 80 110
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max drop-out min	v V %Us %Us %Us	20000000 yes yes 24 80 110 20
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max drop-out min max AC average coil consumption at 20°C	v V %Us %Us %Us	20000000 yes yes 24 80 110 20
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max drop-out min max AC average coil consumption at 20°C of 60Hz coil powered at 60Hz	v %Us %Us %Us %Us %Us	20000000 yes yes 24 80 110 20 55
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max drop-out min max AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding Dissipation at holding ≤20°C 50Hz	v %Us %Us %Us %Us	20000000 yes yes 24 80 110 20 55
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max drop-out min max AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding Dissipation at holding ≤20°C 50Hz Max cycles frequency	v %Us %Us %Us %Us VA VA VA	20000000 yes yes 24 80 110 20 55 75 9 2.5
rated load mechanical load Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min max drop-out min max AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding Dissipation at holding ≤20°C 50Hz	v %Us %Us %Us %Us VA	20000000 yes yes 24 80 110 20 55 75 9 2.5



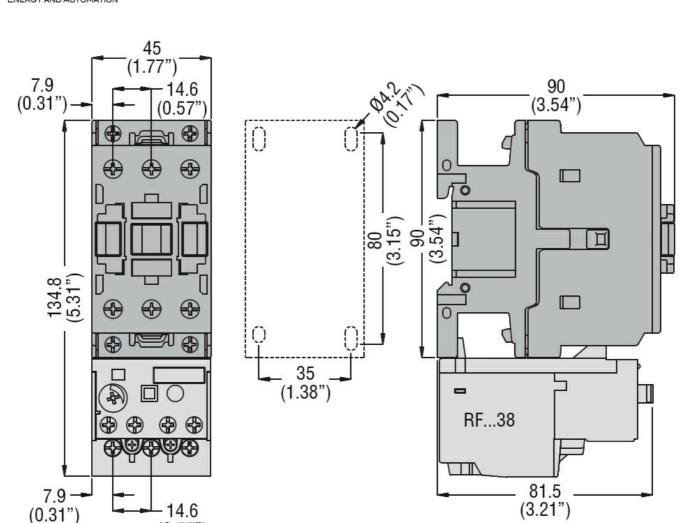


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Average time for Us co	ontrol				
-	in AC				
		Closing NO			
			min	ms	8
			max	ms	24
		Opening NO			
			min	ms	5
			max	ms	15
		Closing NC			
			min	ms	9
			max	ms	20
		Opening NC			
			min	ms	9
			max	ms	17
UL technical data					
Full-load current (FLA)) for three-phase AC mot	or			
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe					
	for single-phase AC m	otor			_
			110/120V	HP	2
			230V	HP	5
	for three-phase AC mo	otor			
			200/208V	HP	7.5
			220/230V	HP	7.5
			460/480V	HP	15
0			575/600V	HP	20
General USE	Ott				
	Contactor		A O	^	4.5
Chart sive it protection	- f COOV		AC current	A	45
Short-circuit protection					
	High fault		Chart sine vit a vene at	IzΛ	400
			Short circuit current	kA ^	100
			Fuse rating	Α	100
	Standard fault		Fuse class		J
	Statiuatu lauit		Short circuit current	kA	5
			Fuse rating	A	100
Ambient conditions			i use raing		100
Temperature					
remperature	Operating temperature				
	operating temperature		min	°C	-50
			max	°C	70
	Storage temperature		max		
	Storago tomporataro		min	°C	-60
			max	°C	80
Max altitude			max	m	3000
Resistance & Protection	on				
Pollution degree					3
Dimensions					

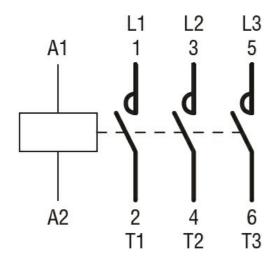


ENERGY AND AUTOMATION



Wiring diagrams

(0.31")



14.6

(0.57")

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



BF2600A02460

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

	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classificatio	n	

ETIM 8.0

EC000066 -Power contactor, AC switching