



Product designation			Power contactor
Product type designation			BF26
Contact characteristics			
Number of poles		Nr.	4
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-1 (T≤40°C)			
	230V	kW	17
	400V	kW	30
	500V	kW	37
	690V	kW	51
Short-time allowable current for 10s (IEC/EN60947-1)		А	210
Protection fuse			
	gG (IEC)	А	50
	aM (IEC)	А	32
Making capacity (RMS value)		А	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
	AC-3	W	1.4
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	lbin	1.8
	max	lbin	2.2
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.8
	max	lbin	0.74
Max number of wires simultaneously connectable		Nr.	2



Conductor section AWG/Kcmil

	AWG/Kcmil			
		max		6
	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 condu	ictor section		
		min	mm²	1
		max	mm²	10
				IP20 when
Power terminal prote	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
1 01		normal		Vertical plan
		allowable		±30°
<u> </u>				Screw / DIN rai
Fixing				35mm
Weight			g	665
Conductor section			3	
	AWG/kcmil conductor section			
		max		6
Operations		IIIAA		0
Mechanical life			cycles	20000000
Electrical life				1600000
			cycles	1000000
Safety related data				
Performance level B				
	10d according to EN/ISO 13489-1			4000000
	10d according to EN/ISO 13489-1	rated load	cycles	1600000
		rated load mechanical load	cycles cycles	20000000
Mirror contats accord	ding to IEC/EN 609474-4-1		-	
Mirror contats accord			-	20000000
Mirror contats accord EMC compatibility DC coil operating	ding to IEC/EN 609474-4-1		-	20000000 YES
Mirror contats accord EMC compatibility DC coil operating	ding to IEC/EN 609474-4-1		-	20000000 YES
Mirror contats accord EMC compatibility DC coil operating DC rated control volt	ding to IEC/EN 609474-4-1 age		cycles	20000000 YES yes
Mirror contats accord EMC compatibility DC coil operating DC rated control volt	ding to IEC/EN 609474-4-1 age		V	20000000 YES yes
Mirror contats accord EMC compatibility DC coil operating DC rated control volt	ding to IEC/EN 609474-4-1 age		cycles	20000000 YES yes
	ding to IEC/EN 609474-4-1 age	mechanical load	V	20000000 YES yes 60
Mirror contats accord EMC compatibility DC coil operating DC rated control volt	ding to IEC/EN 609474-4-1 age pick-up	mechanical load	v v v	20000000 YES yes 60 80
Mirror contats accord EMC compatibility DC coil operating DC rated control volt	ding to IEC/EN 609474-4-1 age	mechanical load	v v v	20000000 YES yes 60 80
Mirror contats accord EMC compatibility DC coil operating DC rated control volt	ding to IEC/EN 609474-4-1 age pick-up	mechanical load	v v vus vus	20000000 YES yes 60 80 125
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage	ding to IEC/EN 609474-4-1 age pick-up drop-out	mechanical load min max min	cycles V %Us %Us %Us	20000000 YES yes 60 80 125
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage	ding to IEC/EN 609474-4-1 age pick-up drop-out	mechanical load min max min max	cycles V %Us %Us %Us %Us	20000000 YES yes 60 80 125 10 40
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage	ding to IEC/EN 609474-4-1 age pick-up drop-out	mechanical load min max min max in-rush	cycles V %Us %Us %Us %Us %Us	20000000 YES yes 60 80 125 10 40 5.4
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage	ding to IEC/EN 609474-4-1 age pick-up drop-out aption ≤20°C	mechanical load min max min max	cycles V %Us %Us %Us %Us	20000000 YES yes 60 80 125 10 40
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage Average coil consum	ding to IEC/EN 609474-4-1 age pick-up drop-out ption ≤20°C	mechanical load min max min max in-rush	cycles V %Us %Us %Us %Us %Us W W	20000000 YES yes 60 80 125 10 40 5.4 5.4
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage Average coil consum Max cycles frequenc Mechanical operatior	ding to IEC/EN 609474-4-1 age pick-up drop-out ption ≤20°C	mechanical load min max min max in-rush	cycles V %Us %Us %Us %Us %Us	20000000 YES yes 60 80 125 10 40 5.4 5.4
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage Average coil consum Max cycles frequenc Mechanical operatior Operating times	ding to IEC/EN 609474-4-1 age pick-up drop-out ption ≤20°C	mechanical load min max min max in-rush	cycles V %Us %Us %Us %Us %Us W W	20000000 YES yes 60 80 125 10 40 5.4 5.4
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage Average coil consum Max cycles frequenc Mechanical operatior Operating times	ding to IEC/EN 609474-4-1 age pick-up drop-out ption ≤20°C y n control	mechanical load min max min max in-rush	cycles V %Us %Us %Us %Us %Us W W	20000000 YES yes 60 80 125 10 40 5.4 5.4
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage Average coil consum Max cycles frequenc Mechanical operatior Operating times	ding to IEC/EN 609474-4-1 age pick-up drop-out ption ≤20°C y n control in AC	mechanical load min max min max in-rush	cycles V %Us %Us %Us %Us %Us W W	20000000 YES yes 60 80 125 10 40 5.4 5.4
Mirror contats accord EMC compatibility DC coil operating DC rated control volt DC operating voltage Average coil consum Max cycles frequenc Mechanical operatior Operating times	ding to IEC/EN 609474-4-1 age pick-up drop-out ption ≤20°C y n control	mechanical load	cycles V %Us %Us %Us %Us W W W	20000000 YES yes 60 80 125 10 40 5.4 5.4 3600
Mirror contats accord EMC compatibility DC coil operating DC rated control volt	ding to IEC/EN 609474-4-1 age pick-up drop-out ption ≤20°C y n control in AC	mechanical load min max min max in-rush	cycles V %Us %Us %Us %Us %Us W W	20000000 YES yes 60 80 125 10 40 5.4 5.4

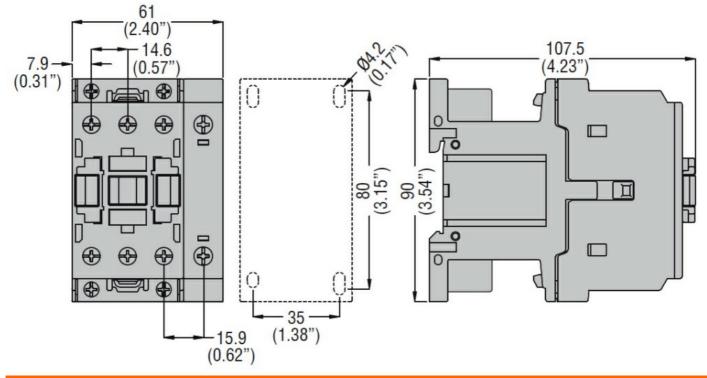
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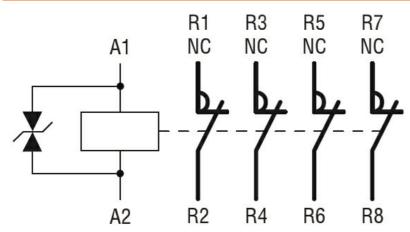
		Opening NO			
			min	ms	5
			max	ms	15
		Closing NC			
		5 5 5	min	ms	9
			max	ms	20
		Opening NC			
		512 5 2	min	ms	9
			max	ms	17
	in DC			-	
		Closing NC			
		ereen groe	min	ms	23
			max	ms	28
		Opening NC		inio	20
		oponing No	min	ms	46
			max	ms	56
UL technical data			max	mo	00
Full-load current (FLA)	for three-phase AC m	otor			
	ior thee-phase Ao m	5101	at 480V	А	21
			at 600V	A	
Violded mechanical ne			al 000 v	A	22
Yielded mechanical pe					
	for single-phase AC	motor	440/4001/		0
			110/120V	HP	2
			230V	HP	5
	for three-phase AC n	notor			
			200/208V	HP	7.5
			220/230V	HP	7.5
			460/480V	HP	15
			575/600V	HP	20
General USE					
	Contactor				
			AC current	A	45
Ambient conditions					
Temperature					
	Operating temperatur	re			
			min	°C	-50
			max	°C	70
	Storage temperature				
			min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protectio	n				
Pollution degree					3
Dimensions					

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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	
	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classification	1	
ETIM 8.0		EC000066 - Power contactor, AC switching