



Contact characteristics Number of poles Nr. 4 4 Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp kV 6 Operational frequency min Hz 25 max 25 max IEC Conventional free air thermal current Ith A 45 Operational current Ie AC-1 (≤40°C) A 36 AC-1 (≤55°C) A 36 AC-1 (≤55°C) A 36 AC-1 (≤55°C) A 26 AC-1 (≤400°C) A 26 AC-4 (4000°C) A 11.5 Rated operational power AC-1 (T≤40°C) 230V kW 17 400°C kW 30 500°C kW 37 690°C kW 37 690°C kW 51 IEC max current Ie in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 25 48 A 21 75°C A 18 110°C A 6 220°C A - 18 110°C A 6 220°C A - 20°C A 220°C A - 20°C A 22°C	Product designation Product type designation			Power contactor BF26
Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp My 6	Contact characteristics			
Rated impulse withstand voltage Ulimp	Number of poles		Nr.	4
Rated impulse withstand voltage Ulimp	Rated insulation voltage Ui IEC/EN		V	690
Min	Rated impulse withstand voltage Uimp		kV	6
IEC Conventional free air thermal current lth	Operational frequency			
IEC Conventional free air thermal current lth Operational current le		min	Hz	25
Operational current le AC-1 (≤40°C)		max	Hz	400
AC-1 (≤40°C) A 45 AC-1 (≤55°C) A 36 AC-1 (≤55°C) A 32 AC-3 (≤440V ≤55°C) A 26 AC-4 (400V) A 11.5 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 A 25 48V A 21 75V A 18 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series	IEC Conventional free air thermal current Ith		Α	45
AC-1 (≤55°C)	Operational current le			
AC-1 (≤55°C)	·	AC-1 (≤40°C)	Α	45
AC-1 (≤70°C) A 32 AC-3 (≤440V ≤55°C) A 26 AC-4 (400V) A 11.5 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 A 25 48V A 21 75V A 18 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 26 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series		· · ·	Α	36
AC-3 (≤440V ≤55°C) A 26 AC-4 (400V) A 11.5 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 A 25 48V A 21 75V A 18 110V A 6 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series		,	Α	32
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 A 25 48V A 21 75V A 18 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 2 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series		,	Α	26
230V kW 17 400V kW 30 500V kW 37 690V kW 51		•	Α	11.5
A00V kW 30 500V kW 37 690V kW 51	Rated operational power AC-1 (T≤40°C)	,		
Soov kW 37 690V kW 51		230V	kW	17
Section Sec		400V	kW	30
Section Sec		500V	kW	37
\$\leq 24V		690V	kW	51
48V	IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
T5V		≤24V	Α	25
110V		48V	Α	21
EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V		75V	Α	18
Section Sec		110V	Α	6
≤24V		220V	Α	_
	IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
T5V A 25 110V A 22 220V A 2 220V A 28 48V A 28 48V A 25 110V A 24 220V A 20 220V A 20 220V A 28 48V A 28 75V A 25 110V A 24 24 24 24 24 24 25 110V A 24 24 24 24 24 24 24		≤24V	Α	28
110V A 22 220V A 2 2 220V A 2 2 2 2 2 2 2 2 2		48V	Α	28
EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V		75V	Α	25
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 28 48V A 28 48V A 28 48V A 28 75V A 25 110V A 25 110V A 24		110V	Α	22
≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 220V A 20 224V A 28 48V A 28 48V A 28 48V A 28 75V A 25 110V A 24 25 110V A 24 24 24 25 110V A 24 24 24 24 25 24 25 24 25 24 25 24 24		220V	Α	2
≤24V A 28 48V A 28 75V A 25 110V A 24 220V A 20 220V A 20 224V A 28 48V A 28 48V A 28 48V A 28 75V A 25 110V A 24 25 110V A 24 24 24 25 110V A 24 24 24 24 25 24 25 24 25 24 25 24 24	IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
T5V A 25 110V A 24 220V A 20		≤24V	Α	28
110V A 24 220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24		48V	Α	28
220V A 20 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24		75V	Α	25
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 24		110V	Α	24
≤24V A 28 48V A 28 75V A 25 110V A 24		220V	Α	20
48V A 28 75V A 25 110V A 24	IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
75V A 25 110V A 24		≤24V	Α	28
110V A 24		48V	Α	28
		75V	Α	25
220V A 26		110V	Α	24
		220V	Α	26



IEC max current le in E	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	_
IFC may current le in F	DC3-DC5 with L/R ≤ 15ms with 2 poles in series	220 V	, , ,	
ILO IIIAX CUITEIILIE III L	703-DC3 With E/IV = 13ths with 2 poles in series	<0.117	٨	20
		≤24V	A	20
		48V	Α	20
		75V	Α	18
		110V	Α	13
		220V	Α	3
IEC max current le in E	DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
		≤24V	Α	25
		48V	Α	25
		75V	Α	20
		110V	A	18
		220V	A	19
IEC may aurrent le in F	OC3 DC5 with L/D < 15mg with 1 nalog in carios	2201	^	13
IEC IIIax current le in L	DC3-DC5 with L/R ≤ 15ms with 4 poles in series	20.41	Δ.	20
		≤24V	Α	30
		48V	Α	30
		75V	Α	25
		110V	Α	20
		220V	Α	15
Short-time allowable cu	urrent for 10s (IEC/EN60947-1)		Α	210
Protection fuse	· · · · · · · · · · · · · · · · · · ·			
		gG (IEC)	Α	50
		aM (IEC)	A	32
Making capacity (RMS	value)	aivi (ILO)		260
				200
Breaking capacity at vo	ntay e	4.401.1		000
		440V	Α	208
		500V	Α	184
		690V	Α	168
Resistance per pole (a	verage value)		mΩ	2
Power dissipation per p	pole (average value)			
· · ·	- ,	lth	W	4
		AC-3	W	1.4
Tightening torque for te	erminals	,,,,,		
riginorning torque for te	, in the second	min	Nim	2.5
		min	Nm	2.5
		max	Nm	3
		min	lbin 	1.8
		max	Ibin	2.2
Tightening torque for co	oil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.8
		max	lbin	0.74
Max number of wires si	imultaneously connectable		Nr.	2
Conductor section				
CONTRACTOR SECTION	AMC/Komil			
	AWG/Kcmil			0
		max		6
	Flexible w/o lug conductor section			
		min	mm²	2.5



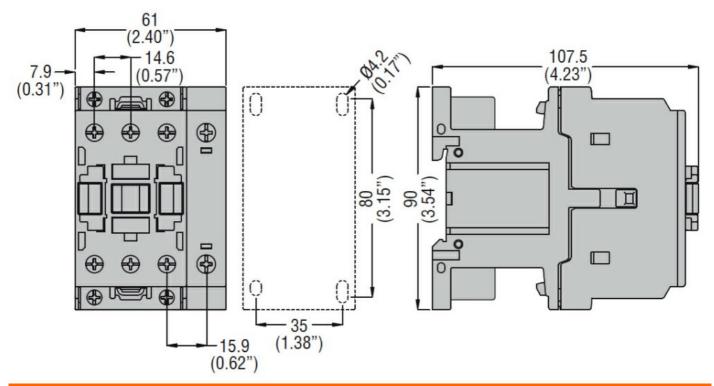


Weight Samm Samm Samm Weight Samm Samm Weight Samm Samm Weight Weigh				
Piezible with insulated spade lug conductor section Piezible with insulated spade lug conductor s			mm²	16
Flexible with insulated spade lug conductor section			2	
Plexible with insulated spade lug conductor section min mm² 1 1 1 1 1 1 1 1 1				
Max Max			mm²	10
Power terminal protection according to IEC/EN 60529 IP20 when properly wired IP20 when properly				
Power terminal protection according to IEC/EN 60529 IP20 when properly wired moderating position IP20 with moderating IP20 when properly wired moderating IP20 when properly wired moderating IP20 with mo				
Property wired Mechanical features Me		max	mm²	
Mechanical features	Power terminal protect	tion according to IEC/EN 60529		
Operating position normal allowable	Machanical features	-		properly wired
Priving Pri				
Fixing Screw / DIN rall 35mm	Operating position	normal		Vertical plan
Screw / DIN rail Screw / DIN DIN rail Screw / DIN DIN DIN rail Screw / DIN DIN DIN DIN Rail Screw / DIN				
FixIng		allowable		
Weight	Fixing			
AWG/kcmil conductor section max 6	Weight		α	
AWG/kcmil conductor section max			9	000
Operations Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data rated load cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 rated load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC operating AC operating voltage OF cated control voltage y 48 DC rated control voltage y 48 DC operating voltage DC rated control voltage y 48 DC operating voltage Machanical consumption ≤20°C min %Us 80 Machanical operation cycles/h 4600 Average time for Us control In AC min Ms 2,4 Closing NO min min x 2,4 Accou	Conductor Scotlon	AWG/kcmil conductor section		
Operations Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 cycles 200000000 Mirror contats according to IEC/EN 609474-4-1 yes 200000000 20000000 200000000 20000000 20000000 20000000 20000000 20000000 20000000 200000000 200000000 200000000 <td< td=""><td></td><td></td><td></td><td>6</td></td<>				6
Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load mechanical load cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC operating Voltage AC operating voltage DC rated control voltage V 48 DC operating voltage DC operating voltage Pick-up min %Us 80 Max %Us 110 drop-out min %Us 80 Max %Us 10 Max %Us 10 Max %Us 10 Max %Us 10 Max %Us 40 Average time for Us control in AC Closing NO min ms	Operations	IIIdA		
Electrical life	•		cycles	20000000
Safety related data Performance level B10d according to EN/ISO 13489-1 rated load mechanical load cycles 1600000 cycles 200000000 Mirror contats according to IEC/EN 609474-4-1 yes yes EMC compatibility yes EMC coil operating AC operating voltage arx %Us 55 DC coil operating v 48 48 DC operating voltage pick-up min %Us 80 Max %Us 110 40 drop-out min %Us 10 drop-out min %Us 10 Average coil consumption ≤20°C in-rush holding w 2.4 Max cycles frequency max w 2.4 Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC min ms 8 max ms 24				
Performance level B10d according to EN/ISO 13489-1 rated load mechanical load of cycles 1600000 mechanical load ocycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC operating Verance AC operating voltage by the color operating of 50/60Hz coil powered at 50Hz drop-out DC coil operating verance DC rated control voltage verance DC operating voltage verance pick-up min %Us 80 max %Us 110 drop-out min %Us 10 drop-out min %Us 10 Average coil consumption ≤20°C in-rush holding w 2.4 Max cycles frequency cycles/h 3600 Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC min ms 8 min ms 8 max ms 24			Oy 0103	1000000
rated load mechanical load cycles 20000000		0d according to FN/ISO 13489-1		
Mirror contats according to IEC/EN 609474-4-1 mechanical load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating Verage of 50/60Hz coil powered at 50Hz drop-out wuster of 50/60Hz drop-out </td <td>T CHOITIANOC ICVOLDIN</td> <td></td> <td>cycles</td> <td>1600000</td>	T CHOITIANOC ICVOLDIN		cycles	1600000
Mirror contats according to IEC/EN 609474-4-1 EMC compatibility AC coil operating AC operating voltage of 50/60Hz coil powered at 50Hz drop-out max %Us 55 DC coil operating DC rated control voltage pick-up min %Us 80 max %Us 110 drop-out min %Us 110 drop-out min min %Us 10 max %Us 40 Average coil consumption ≤20°C in-rush W 2.4 holding W 2.4 Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24			-	
EMC compatibility AC coil operating AC operating voltage of 50/60Hz coil powered at 50Hz drop-out max %Us 55	Mirror contats accordi		- Cy 0100	
AC coil operating AC operating voltage of 50/60Hz coil powered at 50Hz drop-out max %Us 55 DC coil operating DC rated control voltage DC operating voltage pick-up min %Us 80 max %Us 110 drop-out min %Us 110 drop-out min %Us 10 max %Us 40 Average coil consumption ≤20°C in-rush W 2.4 holding W 2.4 Max cycles frequency Mechanical operation Cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24		19 10 12 0/214 000 11 1 1 1		•
AC operating voltage of 50/60Hz coil powered at 50Hz drop-out max %Us 55 DC coil operating DC rated control voltage DC operating voltage pick-up min %Us 80 max %Us 110 drop-out min %Us 10 max %Us 10 max %Us 40 Average coil consumption ≤20°C in-rush W 2.4 holding W 2.4 holding W 2.4 Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24				yee
of 50/60Hz coil powered at 50Hz drop-out max %Us 55				
Max WUS 55	rio operaning remage	of 50/60Hz coil powered at 50Hz		
DC coil operating DC rated control voltage V				
DC coil operating DC operating voltage V 48 DC operating voltage min %Us 80 max %Us 110 drop-out min %Us 10 max %Us 40 Average coil consumption ≤20°C in-rush W 2.4 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 min ms 8 max ms 24		·	%Us	55
DC rated control voltage Pick-up Pick-u	DC coil operating			
pick-up		ge	V	48
pick-up	DC operating voltage	-		
min %Us 80 max %Us 110	, ,	pick-up		
drop-out min %Us 10 max %Us 40 Average coil consumption ≤20°C in-rush W 2.4 holding W 2.4 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24			%Us	80
min %Us 10 max %Us 40 Average coil consumption ≤20°C in-rush W 2.4 holding W 2.4 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24		max	%Us	110
Average coil consumption ≤20°C in-rush w 2.4 holding w 2.4 Max cycles frequency w 2.4 Mechanical operation cycles/h 3600 Operating times x x y coles/h 3600 Average time for Us control in AC x x y coles/h 3600 Closing NO min ms 8 max ms 24		drop-out		
Average coil consumption ≤20°C in-rush W 2.4 holding W 2.4 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24		min	%Us	10
in-rush W 2.4 holding W 2.4 Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24			%Us	40
Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24	Average coil consump	tion ≤20°C		
Max cycles frequency Mechanical operation cycles/h 3600 Operating times Average time for Us control				
Mechanical operation cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24		holding	W	2.4
Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24	Max cycles frequency			
Average time for Us control in AC Closing NO min ms 8 max ms 24	Mechanical operation		cycles/h	3600
in AC Closing NO min ms 8 max ms 24				
Closing NO min ms 8 max ms 24	Average time for Us co			
min ms 8 max ms 24				
max ms 24				
		min	ms	
Opening NO			ms	24
		Opening NO		

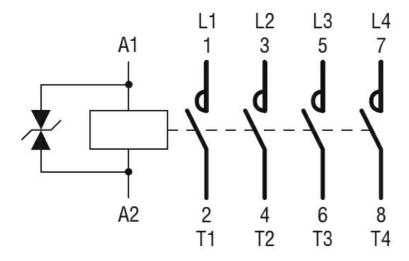


			min	ms	5
			max	ms	15
		Closing NC			
			min	ms	9
			max	ms	20
		Opening NC			
			min	ms	9
			max	ms	17
	in DC				
		Closing NO			
			min	ms	76
			max	ms	92
		Opening NO			4.0
			min	ms	16
			max	ms	20
UL technical data	for three where AO	otor			
ruii-ioad current (FLA)	for three-phase AC m	UlUl	- (400) /	٨	0.4
			at 480V	A	21
Walle Land a day and a			at 600V	Α	22
Yielded mechanical pe					
	for single-phase AC	motor	440/400\/	LID	0
			110/120V	HP	2
	for three phase AC p		230V	HP	5
	for three-phase AC n	notor	200/2001	HP	7.5
			200/208V 220/230V	HP	7.5 7.5
			460/480V	HP	7.5 15
			575/600V	HP	20
General USE			37 37 000 V	- ' ''	
Ochciai OOL	Contactor				
	Contactor		AC current	Α	45
Short-circuit protection	n fuse 600V		710 odrioni	- / \	
Chort official protection	High fault				
	riigiriaan		Short circuit current	kA	100
			Fuse rating	A	100
			Fuse class	, ,	J
	Standard fault				<u>-</u>
	_ 10.140.4 100.1		Short circuit current	kA	5
			Fuse rating	A	100
Ambient conditions					
Temperature					
-	Operating temperatu	re			
			min	°C	-50
			max	°C	70
	Storage temperature				
			min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protection	on				
Pollution degree					3
Dimensions					





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



BF26T4L048

FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 45A, DC COIL LOW CONSUMPTION, 48VDC

ETIM 8.0

EC000066 -Power contactor, AC switching