



No. 3   No. 5   No. 5   No. 6   No.	Product designation Product type designation			Power contactor BF26
Rated insulation voltage Ui IEC/EN         V         690           Rated impulse withstand voltage Uimp         kV         6           Operational frequency         min         Hz         25           IEC Conventional free air thermal current lth         A 45         45           Operational current le         AC-1 (≤40°C) A 36         AC-1 (≤55°C) A 36           AC-1 (≤70°C) A 32         AC-3 (≤440∨ ≤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 15.6         690V kW 15.6           690V kW 15.6         690V kW 37         800V kW 37           690V kW 37         690V kW 51         800V kW 51           IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series         ≤24V A 25           48V A 28         48V A 28           75V A 28         48V A 28           110V A 22         220V A 22           120V A 22         220V A 22           120V A 28         48V A 28           48V A 28         48V A 28           75V A 28         48V A 28           48V A 28         48V A 28           75V A 25         48V A 28           48V A 28         48V A 28           48V A 28				
Rated impulse withstand voltage Uimp	Number of poles		Nr.	3
Department   Frequency   min   Hz   25   max   Hz   400      EC Conventional free air thermal current lith	Rated insulation voltage Ui IEC/EN		V	690
Min	Rated impulse withstand voltage Uimp		kV	6
EC Conventional free air thermal current Ith	Operational frequency			
EC Conventional free air thermal current Ith		min	Hz	25
Operational current le         AC-1 (≤40°C) A 45         AC-1 (≤55°C) A 36         AC-1 (≤70°C) A 32         AC-3 (≤4400 ≤55°C) A 26         AC-4 (4000V) A 11.5         Rated operational power AC-3 (T≤55°C)         230V kW 7.3         400V kW 13         415V kW 14         440V kW 15.6         690V kW 15.6         Rated operational power AC-1 (T≤40°C)         230V kW 17         400V 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 28         75V A 25         110V A 22         220V A 2         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 28         48V A 25         48V A 28 </td <td></td> <td>max</td> <td>Hz</td> <td>400</td>		max	Hz	400
AC-1 (≤40°C)	IEC Conventional free air thermal current Ith		Α	45
AC-1 (≤55°C) A 36 AC-1 (≤70°C) A 22 AC-3 (≤440V ≤55°C) A 26 AC-4 (4000V) 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 15.6 690V kW 37 690V kW 37 690V kW 55  Rated operational power AC-1 (T≤40°C)  230V kW 17 400V kW 30 500V 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 1110V A 22 220V A 2 1EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series  ≤24V A 28 48V A 28 75V A 25 1110V A 22 220V A 2 1110V A 22 220V A 2 1110V A 22 220V A 2	Operational current le			
AC-1 (≤70°C) A 32 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 15.5  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 2 110V A 28 48V A 28 75V A 25 1110V A 22 220V A 2		AC-1 (≤40°C)	Α	45
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 15.5  Rated operational power AC-1 (T≤40°C)  230V kW 15.5  Rated operational power AC-1 (T≤40°C)  230V kW 37 690V 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 28 110V A 22 220V A 2  IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		AC-1 (≤55°C)	Α	36
AC-4 (400V)		AC-1 (≤70°C)	Α	32
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 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 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		AC-3 (≤440V ≤55°C)	Α	26
230V   kW   7.3   400V   kW   13   415V   kW   14   440V   kW   14   500V   kW   15.6   690V   kW   15.6   690V   kW   18.5   8   8   8   8   8   8   8   8   8		AC-4 (400V)	Α	11.5
400V   kW   13   415V   kW   14   440V   kW   14   440V   kW   14   500V   kW   15.6   699V   kW   15.6   699V   kW   18.5   8   8   8   8   8   8   8   8   8	Rated operational power AC-3 (T≤55°C)			_
415V		230V	kW	7.3
A40V   kW   14   500V   kW   15.6   690V   kW   15.6   690V   kW   18.5		400V	kW	13
Soov   kW   15.6   690V   kW   18.5		415V	kW	14
Rated operational power AC-1 (T≤40°C)   230V   kW   17   400V   kW   30   500V   kW   37   690V   kW   51		440V	kW	14
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 25 110V A 25 110V 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 22 220V A 2  IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		500V	kW	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		690V	kW	18.5
	Rated operational power AC-1 (T≤40°C)			
S00V   kW   37   690V   kW   51		230V	kW	17
EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series   ≤24V		400V	kW	30
SEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series   S24V   A   25				
		690V	kW	51
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			Α	
110V   A   6   220V   A   -			Α	
EC max current le in DC1 with L/R $\leq$ 1ms with 2 poles in series   $\leq$ 24V   A   28   48V   A   28   75V   A   25   110V   A   22   220V   A   2   220V   A   2   2   220V   A   2   2   220V   A   2   2   24V   A   28   48V   A   28   48V   A   28   48V   A   28   48V   A   28   75V   A   25   25   25   25   25   25   25				
Section   Sec				6
	<u></u>	220V	Α	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series  ≤24V A 28 48V A 28 75V A 25				
≤24V A 28 48V A 28 75V A 25	150	220V	A	2
48V A 28 75V A 25	IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		_	
75V A 25				
110V A 24				
		110V	Α	24



	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)			<del>_</del>
. 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





		max	Ibin	0.74
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section		2	
		min	mm²	2.5
	Clavible abular conductor costice	max	mm²	16
	Flexible c/w lug conductor section	min	mm²	1
		min max	mm²	10
	Flexible with insulated spade lug conductor section		111111	10
	r lexible with insulated space lug conductor section	min	mm²	1
		max	mm²	10
D (				IP20 when
Power terminal protec	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	424
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data	Ind according to EN/ISO 12490 1			
Performance level b	0d according to EN/ISO 13489-1	rated load	ovoloc	1600000
	m	nechanical load	cycles cycles	2000000
Mirror contats accord	ing to IEC/EN 609474-4-1	lecriariicai ioau	Cycles	yes
EMC compatibility	mg to 120/214 000474 4 1			yes
AC coil operating				yes
Rated AC voltage at 6	60Hz		V	120
AC operating voltage				
, ,	of 60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	55
AC average coil cons	•			
	of 60Hz coil powered at 60Hz		3.74	75
		in-rush	VA VA	75
Dissipation at In-1-1	<20°C F0∐ <del>-</del>	holding	VA	9
Dissipation at holding			W	2.5
Max cycles frequency Mechanical operation			cycles/h	3600
Operating times			Cycle5/11	3000
operating times				

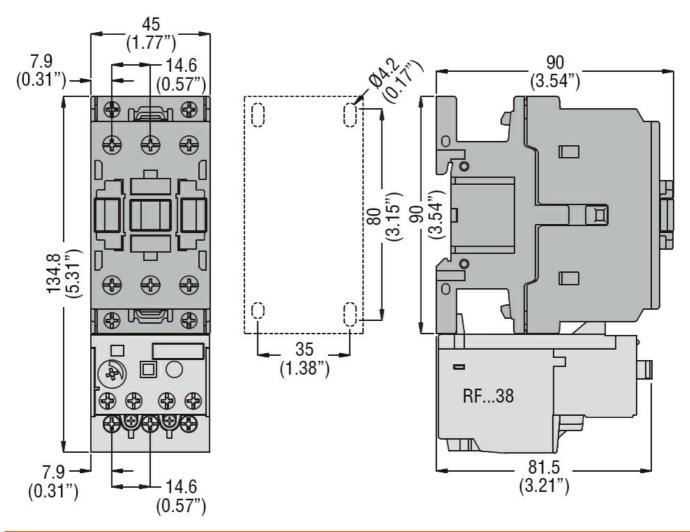




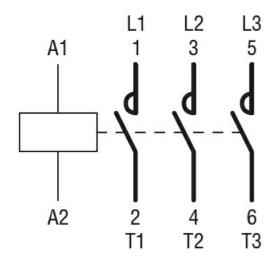
Average time for Us of	ontrol				
J	in AC				
		Closing NO			
			min	ms	8
			max	ms	24
		Opening NO			
			min	ms	5
		01 : 110	max	ms	15
		Closing NC			0
			min	ms	9 20
		Opening NC	max	ms	20
		Opening 140	min	ms	9
			max	ms	17
UL technical data					
	) for three-phase AC mot	tor			
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe					
	for single-phase AC m	notor			
			110/120V	HP	2
	<u> </u>		230V	HP	5
	for three-phase AC mo	otor	000/0001/	LID	7.5
			200/208V	HP	7.5
			220/230V 460/480V	HP HP	7.5 15
			575/600V	HP	20
General USE			373/0007	1 11	
Ochciai OOL	Contactor				
	Comactor		AC current	Α	45
Short-circuit protection	n fuse, 600V				
•	High fault				
	J		Short circuit current	kA	100
			Fuse rating	Α	100
			Fuse class		J
	Standard fault				
			Short circuit current	kA	5
			Fuse rating	Α	100
Ambient conditions					
Temperature	Operating temperature				
	Operating temperature	<del>;</del>	min	°C	-50
			max	°C	-50 70
	Storage temperature		IIIdX		70
	Otorage temperature		min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protecti	on				
Pollution degree					3
Dimensions					



# **ENERGY AND AUTOMATION**



#### 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



#### BF2600A12060

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

	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classification	1	

ETIM 8.0

EC000066 -Power contactor, AC switching