

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 24VAC



			•
Product designation			Power contacto
Product type designation			BF26
Contact characteristics			
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		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)	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 $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	25
	48V	А	21
	75V	А	18
	110V	А	6
	220V	A	-
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	28
	48V	А	28
	75V	А	25
	110V	А	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



BF2600A024

	220V	A	20
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	Α	28
	48V	А	28
	75V	А	25
	110V	A	24
	220V		26
	2200	A	20
IEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series			
	≤24V	A	18
	48V	А	15
	75V	А	13
	110V	А	2
	220V	А	_
IEC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series	2201	7	
The max current is in DC3-DC3 with $L/R \le 15$ ms with 2 poles in series	<0.417	•	00
	≤24V	A	20
	48V	A	20
	75V	А	18
	110V	А	13
	220V	А	3
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series			
	≤24V	А	25
	48V	A	25
	75V	А	20
	110V	А	18
	220V	Α	19
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series			
	≤24V	А	30
	48V	A	30
	40V 75V	A	
			25
	110V	А	20
	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse			
	gG (IEC)	А	50
	aM (IEC)	A	32
Making capacity (RMS value)		A	260
		A	200
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)			
	Ith	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
Tightening torque for coil terminal			
		Nim	0.0
	min	Nm	0.8
	max	Nm	1
	min	Ibin	0.8



BF2600A024

Moy number of when	imultaneously compostable	max	lbin	0.74
	imultaneously connectable		Nr.	2
Conductor section	AWG/Kcmil			
	Awg/Kcmii	may		6
	Flexible w/o lug conductor section	max		0
	Trexible 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	۱		
		min	mm²	1
		max	mm²	10
Power terminal protect	tion according to IEC/EN 60529			IP20 when
•				properly wired
Mechanical features				
Operating position				Mantaalistas
		normal		Vertical plan
		allowable		±30° Screw / DIN rail
Fixing				35mm
Weight			g	429
Conductor section			9	720
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data				
Performance level B10	Dd according to EN/ISO 13489-1			
		rated load	cycles	1600000
	r	mechanical load	cycles	2000000
	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 50	0/60Hz		V	24
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up		0/11-	0.0
		min	%Us	80 110
	drop-out	max	%Us	110
	αιορ-σαι	min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz	max	/003	
	pick-up			
	hini ah	min	%Us	85
		max	%Us	110
		11104		
	drop-out	Шал	/000	
	drop-out	min	%Us	20

of 50/60Hz coil powered at 50Hz



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 24VAC

BF2600A024

ENERGY AND AUTOMATION					2	4VAC
			in-rush	VA	75	
			holding	VA	9	
	of 50/60Hz coil p	owered at 60Hz			•	
			in-rush	VA	70	
			holding	VA	6.5	
	of 60Hz coil pow	vered at 60Hz	<u></u>			
	·		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						
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 A	C motor				

Full-load current (FL	A) for three-phase AC motor			
		at 480V	А	21
		at 600V	А	22
Yielded mechanical	performance			
	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
Short-circuit protecti	ion fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	А	100
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	А	100
Ambient conditions				
. ,				

Temperature

Operating temperature

-50

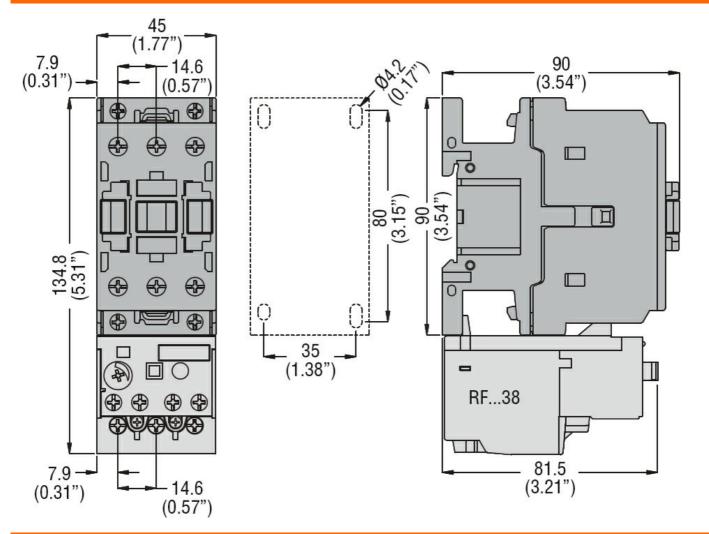
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BF2600A024

	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3

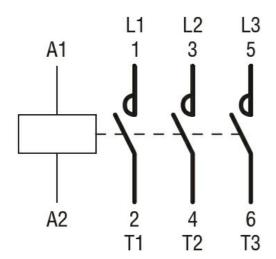
Dimensions



Wiring diagrams



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 24VAC



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	

ETIM 8.0

EC000066 -Power contactor, AC switching



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 48VAC



Product designation			Power contactor
Product type designation Contact characteristics			BF26
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		ΝV	0
Operational nequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	max	A	45
Operational current le		7.	10
	AC-1 (≤40°C)	А	45
	AC-1 (≤55°C)	A	36
	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	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 $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	25
	48V	А	21
	75V	А	18
	110V	А	6
	220V	Α	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	28
	48V	А	28
	75V	А	25
	110V	А	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



BF2600A048

	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	A	25	
	110V	A	24	
	220V	A	26	
IFC may summant to in DC2 DC5 with L/D < 15 me with 1 meters in series	220 V	A	20	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series				
	≤24V	A	18	
	48V	А	15	
	75V	A	13	
	110V	Α	2	
	220V	А	_	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series				
	≤24V	А	20	
	48V	A	20	
	40V 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	А	25	
	48V	А	25	
	75V	А	20	
	110V	А	18	
	220V	A	19	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	2201		10	
	≤24V	А	30	
	48V	А	30	
	75V	А	25	
	110V	А	20	
	220V	A	15	
Short-time allowable current for 10s (IEC/EN60947-1)		А	210	
Protection fuse				
	gG (IEC)	А	50	
	aM (IEC)	A	32	
Making capacity (RMS value)		A	260	
		~	200	
Breaking capacity at voltage			000	
	440V	A	208	
	500V	А	184	
	690V	Α	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	A03	٧V	1.7	
		N I .	0.5	
	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	Ibin	0.8	
	11111		0.0	



BF2600A048

		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			0
	Elevitele/e hue eeu ductee ee etier	max		6
	Flexible w/o lug conductor section	min	mm²	2.5
		min max	mm²	2.5 16
	Flexible c/w lug conductor section	max	111111	10
		min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section	max		10
		min	mm²	1
		max	mm²	10
Dower terminal protect	tion according to IEC/EN 60520			IP20 when
Power terminal protec	tion according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rai
			~	35mm
Weight Conductor section			g	430
Conductor section	AWG/kcmil conductor section			
		max		6
Operations		max		0
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data				
	0d according to EN/ISO 13489-1			
	,	rated load	cycles	1600000
	me	echanical load	cycles	20000000
Mirror contats accordi	ng to IEC/EN 609474-4-1		-	yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 5	0/60Hz		V	48
	0/60Hz		V	48
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz		V	48
Rated AC voltage at 5				
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz	min	%Us	80
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up	min max		
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz	max	%Us %Us	80 110
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up	max min	%Us %Us %Us	80 110 20
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out	max	%Us %Us	80 110
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min	%Us %Us %Us	80 110 20
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out	max min max	%Us %Us %Us %Us	80 110 20 55
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min	%Us %Us %Us %Us	80 110 20 55 85
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	max min max	%Us %Us %Us %Us	80 110 20 55
Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min	%Us %Us %Us %Us	80 110 20 55 85

of 50/60Hz coil powered at 50Hz



UNIACION, IEC OPERATING C	JORRENT IE (ACS)) – 20A,	AC COIL	48VAC
	in-rush	VA	75	
	holding	VA	9	
powered at 60Hz				
	· · · · · ·	1/1	70	

		noiding	VA	g
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz			
		in-rush	VA	75
		holding	VA	9
Dissipation at holding	n ≤20°C 50Hz		W	2.5
Max cycles frequenc				
			ovoloo/b	2600
Mechanical operation	1		cycles/h	3600
Operating times				
Average time for Us	control			
	in AC			
	Closing NO			
	5	min	ms	8
		max	ms	24
		Шах	1115	24
	Opening NO			_
		min	ms	5
		max	ms	15
	Closing NC			
	-	min	ms	9
		max	ms	20
	Opening NC	max		
			ma	0
		min	ms	9
		max	ms	17
UL technical data				
Full-load current (FL	A) for three-phase AC motor			
•		at 480V	А	21
		at 600V	A	22
Yielded mechanical	nerformance	4.0001		
noided mechanical				
	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
Short-circuit protection	on fuse, 600V			
	High fault	Oh ont almost it is set to	I - A	100
		Short circuit current	kA	100
		Fuse rating	А	100
		Fuse class		J
	Standard fault			
	···· · · · · · · · · ·	Short circuit current	kA	5
		Fuse rating	A	100
		ruse rating	A	100
Ambient conditions				
Temperature				
	Operating temperature			
			°C	50

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°C

min

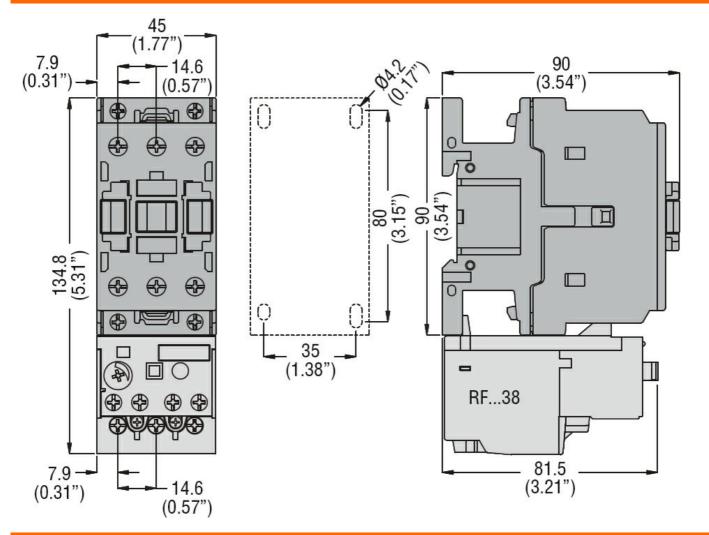
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BF2600A048

	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3

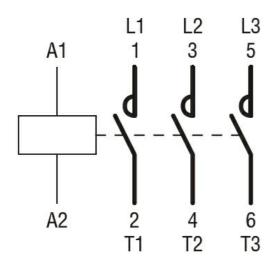
Dimensions



Wiring diagrams



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 48VAC



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	
	000
	cULus
	EAC
ETIM classification	

ETIM 8.0

EC000066 -Power contactor, AC switching





Product designation		Power contactor
Product type designation		BF26
Contact characteristics		
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	А	45
Operational current le		
AC-1 (≤40°C)	А	45
AC-1 (≤55°C)	А	36
AC-1 (≤70°C)		32
AC-3 (≤440V ≤55°C)	А	26
AC-4 (400V)	А	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 $L/R \le 1$ ms with 1 poles in series		
≤24V	А	25
48V	А	21
75V	А	18
110V		6
220V	А	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series		
≤24V	А	28
48V	А	28
75V	А	25
110V	А	22
220V	А	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



	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	А	25	
	110V	А	24	
	220V	А	26	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series				
	≤24V	А	18	
	48V	А	15	
	75V	А	13	
	110V	А	2	
	220V	А	-	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series				
	≤24V	А	20	
	48V	А	20	
	75V	А	18	
	110V	А	13	
	220V	Α	3	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series				_
	≤24V	А	25	
	48V	А	25	
	75V	А	20	
	110V	А	18	
	220V	А	19	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series				
	≤24V	А	30	
	48V	А	30	
	75V	А	25	
	110V	А	20	
	220V	A	15	
Short-time allowable current for 10s (IEC/EN60947-1)		A	210	
Protection fuse				
	gG (IEC)	Α	50	
	aM (IEC)	A	32	
Making capacity (RMS value)		А	260	
Breaking capacity at voltage		-		
	440V	A	208	
	500V	A	184	
	690V	<u>A</u>	168	
Resistance per pole (average value)		mΩ	2	
Power dissipation per pole (average value)				
	Ith	W	4	
	AC3	W	1.4	
Tightening torque for terminals		N.I	0.5	
	min	Nm	2.5	
	max	Nm	3	
	min	lbin Ibin	1.8	
Tightoning torque for coll torminal	max	Ibin	2.2	
Tightening torque for coil terminal		Nime	0.0	
	min	Nm Nm	0.8 1	
	max	Nm Ihin	1	
	min	Ibin	0.8	

BF2600A110



BF2600A110

Mox number of wire-		max	Ibin Nr.	0.74
	simultaneously connectable		INF.	2
Conductor section	AWG/Kcmil			
	AWG/RCIIII	max		6
	Flexible w/o lug conductor section	IIIdA		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 protec	ction according to IEC/EN 60529			IP20 when properly wired
Mechanical features				property writed
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	426
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	2000000
Electrical life			cycles	1600000
Safety related data	0d according to EN/ISO 13489-1			
Fenomiance level DT		rated load	cycles	1600000
	m	nechanical load	cycles	20000000
			0,0100	20000000
Mirror contats accordi				ves
	ing to IEC/EN 609474-4-1			yes ves
EMC compatibility				yes yes
EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1		V	-
EMC compatibility	ing to IEC/EN 609474-4-1		V	yes
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1		V	yes
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz		V	yes 110
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz	min	%Us	yes 110 80
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up			yes 110
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz	min max	%Us %Us	yes 110 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up	min max min	%Us %Us %Us	yes 110 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out	min max	%Us %Us	yes 110 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	min max min	%Us %Us %Us	yes 110 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out	min max min max	%Us %Us %Us %Us	yes 110 80 110 20 55
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	min max min max min	%Us %Us %Us %Us	yes 110 80 110 20 55 85
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	min max min max	%Us %Us %Us %Us	yes 110 80 110 20 55
EMC compatibility AC coil operating Rated AC voltage at 5	ing to IEC/EN 609474-4-1 50/60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	min max min max min	%Us %Us %Us %Us	yes 110 80 110 20 55 85

of 50/60Hz coil powered at 50Hz

BF2600A110



BF2600A110

ENERGY AND AUTOMATION				
		in wah	\/A	75
		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	70
		holding	VA	6.5
	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				
Average time for Us co	ontrol			
-	in AC			
	Closing NO			
	ő	min	ms	8
		max	ms	24
	Opening NO	max		_ ·
		min	ms	5
		max	ms	15
	Closing NC	Шал	1113	15
	Closing NC	min	ms	9
		max	ms	20
	Opening NC			•
		min	ms	9
Little construction of the last		max	ms	17
UL technical data				
Full-load current (FLA)	for three-phase AC motor	((00) (_	0 /
		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
Short-circuit protection	fuse 600V			
	High fault			
	- ign iddit	Short circuit current	kA	100
		Fuse rating	A	100
		Fuse class	А	
	Standard fault	ruse class		J
	Standard fault	Chart size it sums it	1. A	F
		Short circuit current	kA	5
		-		400
		Fuse rating	А	100
Ambient conditions		Fuse rating	A	100
Ambient conditions Temperature		Fuse rating	A	100
	Operating temperature			
	Operating temperature	Fuse rating min	A °C	-50

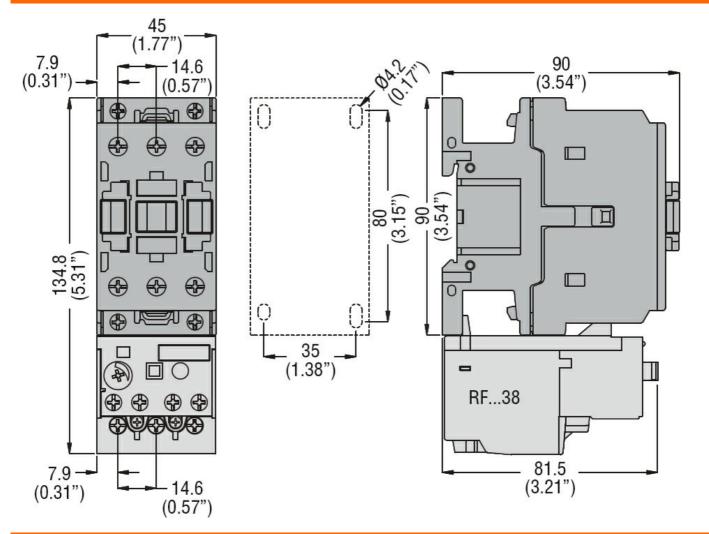
BF2600A110 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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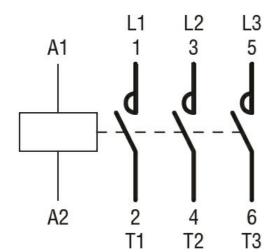
	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3

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	

ETIM 8.0

EC000066 -Power contactor, AC switching



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 230VAC



ation			Power contactor
esignation			BF26
teristics			
es		Nr.	3
n voltage Ui IEC/EN		V	690
withstand voltage Uimp		kV	6
quency			
	min	Hz	25
	max	Hz	400
nal free air thermal current Ith		А	45
rent le			
	AC-1 (≤40°C)	А	45
	AC-1 (≤55°C)	А	36
	AC-1 (≤70°C)	Α	32
	AC-3 (≤440V ≤55°C)	Α	26
	AC-4 (400V)	Α	11.5
nal 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
nal power AC-1 (T≤40°C)			
	230V	kW	17
	400V	kW	30
	500V	kW	37
	690V	kW	51
t le in DC1 with L/R \leq 1ms with 1 poles in series	-0.0.4		0.5
	≤24V	A	25
	48V	A	21
	75V 110V	A	18
	220V	A A	6
It le in DC1 with $L/R \le 1$ ms with 2 poles in series	2200	A	_
It le in DC1 with $L/R \le 1115$ with 2 poles in series	<2417	^	20
	≤24V 48V	A A	28 28
	48V 75V	A	28 25
	110V	A	22
	220V	A	2
It le in DC1 with $L/R \le 1$ ms with 3 poles in series	220 V	17	<u> </u>
	≤24V	А	28
	48V	A	28
			25
			24
	75V 110V	A A	



	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
•	≤24V	А	28	
	48V	А	28	
	75V	А	25	
	110V	А	24	
	220V	А	26	
IEC max current le in DC3-DC5 with L/R ≤ 15ms 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	Α	20	
	48V	Α	20	
	75V	А	18	
	110V	А	13	
	220V	Α	3	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series				
	≤24V	А	25	
	48V	А	25	
	75V	А	20	
	110V	А	18	
	220V	Α	19	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series				
	≤24V	А	30	
	48V	А	30	
	75V	A	25	
	110V	Α	20	
	220V	A	15	
Short-time allowable current for 10s (IEC/EN60947-1)		А	210	
Protection fuse				
	gG (IEC)	A	50	
	aM (IEC)	A	32	
Making capacity (RMS value)		Α	260	
Breaking capacity at voltage				
	440V	A	208	
	500V	A	184	
	690V	<u>A</u>	168	
Resistance per pole (average value)		mΩ	2	
Power dissipation per pole (average value)				
	Ith	W	4	
The first first first first first first	AC3	W	1.4	
Tightening torque for terminals		N I.a.	0 5	
	min	Nm	2.5	
	max	Nm Ihin	3	
	min	lbin Ibin	1.8	
Tightoning torque for cell terminal	max	Ibin	2.2	
Tightening torque for coil terminal	min	Nim	0 0	
	min	Nm Nm	0.8 1	
	max	Nm Ibin	1 0.8	
	min	Ibin	0.8	



BF2600A230

Max number of wires		max	lbin Nr	0.74
Max number of wires s	simultaneously connectable		Nr.	2
Conductor section	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section	IIIdA		0
		min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section			
	5	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section	1		
		min	mm²	1
		max	mm²	10
Power terminal protect	tion according to IEC/EN 60529			IP20 when
				properly wired
Mechanical features				
Operating position		normal		Vortical plan
		normal allowable		Vertical plan ±30°
		allowable		Screw / DIN rail
Fixing				35mm
Weight			g	424
Conductor section			0	
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	2000000
Electrical life			cycles	1600000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1			
		rated load	cycles	1600000
		mechanical load	cycles	2000000
	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating	:0/c0H-		V	220
Rated AC voltage at 5 AC operating voltage	00/00112		V	230
AC operating voltage	of 50/60Hz coil powered at 50Hz			
	pick-up			
	how ab	min	%Us	80
		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			
	drop-out	min	%Us %Us	20 55

of 50/60Hz coil powered at 50Hz

BF2600A230



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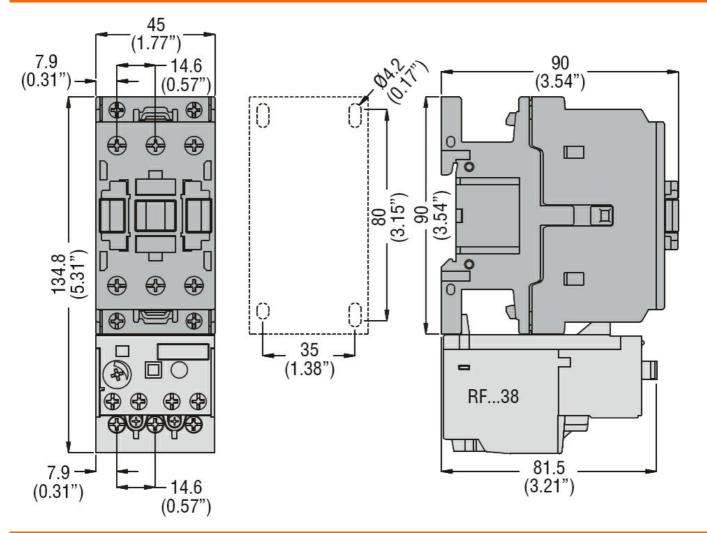
		in-rush	VA	75
		holding	VA VA	9
	of EQ/COLIE and noward at COLIE	noiuing	VA	9
	of 50/60Hz coil powered at 60Hz	la mak	١/٨	70
		in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz			
		in-rush	VA	75
		holding	VA	9
Dissipation at holding :	≤20°C 50Hz		W	2.5
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times				
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	тах		
		min	ms	9
		max	ms	20
	Opening NC	Шал	1115	20
	Opening NC	min	me	9
			ms	9 17
UL technical data		max	ms	17
	for three phase AC motor			
	for three-phase AC motor	ot 490\/	٨	24
	for three-phase AC motor	at 480V	A	21
Full-load current (FLA)		at 480V at 600V	A A	21 22
	erformance			
Full-load current (FLA)		at 600V	A	22
Full-load current (FLA)	erformance	at 600V 110/120V	A HP	22
Full-load current (FLA)	erformance for single-phase AC motor	at 600V	A	22
Full-load current (FLA)	erformance	at 600V 110/120V 230V	A HP HP	22 2 5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V	A HP HP HP	22 2 5 7.5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V	A HP HP HP HP	22 2 5 7.5 7.5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V	A HP HP HP	22 2 5 7.5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V	A HP HP HP HP	22 2 5 7.5 7.5
Full-load current (FLA)	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	A HP HP HP HP HP	22 2 5 7.5 7.5 15
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	A HP HP HP HP HP	22 2 5 7.5 7.5 15
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	A HP HP HP HP HP	22 2 5 7.5 7.5 15
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	A HP HP HP HP HP HP	22 2 5 7.5 7.5 15 20
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	A HP HP HP HP HP HP	22 2 5 7.5 7.5 15 20
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	A HP HP HP HP HP A	22 2 5 7.5 7.5 15 20 45
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current	A HP HP HP HP HP A KA	22 2 5 7.5 7.5 15 20 45 100
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating	A HP HP HP HP HP A	22 2 5 7.5 7.5 15 20 45 100 100
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Short circuit current	A HP HP HP HP HP A KA	22 2 5 7.5 7.5 15 20 45 100
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	A HP HP HP HP HP A KA A	22 2 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical pe	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	A HP HP HP HP HP A KA A	22 5 7.5 7.5 15 20 45 45 100 100 J 5
Full-load current (FLA) Yielded mechanical pe General USE Short-circuit protection	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	A HP HP HP HP HP A KA A	22 2 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical per General USE Short-circuit protection Ambient conditions	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	A HP HP HP HP HP A KA A	22 5 7.5 7.5 15 20 45 45 100 100 J 5
Full-load current (FLA) Yielded mechanical pe General USE Short-circuit protection	erformance for single-phase AC motor for three-phase AC motor Contactor a fuse, 600V High fault Standard fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	A HP HP HP HP HP A KA A	22 5 7.5 7.5 15 20 45 45 100 100 J 5
Full-load current (FLA) Yielded mechanical per General USE Short-circuit protection Ambient conditions	erformance for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	A HP HP HP HP HP A KA A	22 5 7.5 7.5 15 20 45 45 100 100 J 5



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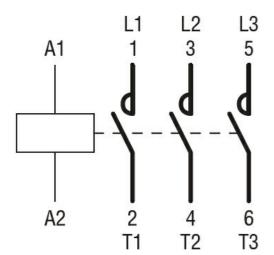
	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3

Dimensions



Wiring diagrams





Certifications and compliance

ENERGY AND AUTOMATION

e en anea a en la la	o emplicance
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	n en

ETIM 8.0

EC000066 -Power contactor, AC switching





Product designation			Power contactor
Product type designation			BF26
Contact characteristics			<u>^</u>
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)	A	45
	AC-1 (≤55°C)	A	36
	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)	0001/		7.0
	230V	kW	7.3
	400V	kW	13
	415V	kW	14
	440V	kW	14
	500V 690V	kW kW	15.6 18.5
Deted exerctional neuror AC 1 (T<40°C)	090 V	ĸvv	10.0
Rated operational power AC-1 (T≤40°C)	230V	kW	47
	230V 400V	kw	17 30
	400V 500V	kW	30
	690V	kW	51
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	090 V	K V V	51
The max current le in DCT with L/R S This with T poles in series	≤24V	А	25
	48V	A	21
	48 V 75 V	A	18
	110V	A	6
	220V	A	-
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	2201	7.	
	≤24V	А	28
	48V	A	28
	48V 75V	A	25
	110V	A	22
	220V	A	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	2201		-
	≤24V	А	28
	48V	A	28
	75V	A	25
	110V	A	24
	1101	/ \	<u> </u>



230VAC - IEC/EN/BS 60335-1

BF2600A230V260

	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	А	25	
	110V	А	24	
	220V	А	26	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series				·
	≤24V	А	18	
	48V	А	15	
	75V	А	13	
	110V	А	2	
	220V	А	_	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series				
	≤24V	А	20	
	48V	A	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	2201	7.	0	
	≤24V	А	25	
	48V	A	25	
	75V	A	20	
	110V	A	18	
	220V	A	19	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series	220 V	~	19	
The max current le in DC3-DC3 with L/K = 15ms with 4 poles in series	≤24V	А	30	
	48V	A	30	
	48V 75V	A	30 25	
	110V		20	
	220V	A	20 15	
Chart time allowable surrout for 10s (IEC/ENC0047.4)	2200	A A		
Short-time allowable current for 10s (IEC/EN60947-1)		A	210	
Protection fuse			50	
	gG (IEC)	A	50	
	aM (IEC)	<u>A</u>	32	
Making capacity (RMS value)		Α	260	
Breaking capacity at voltage		-		
	440V	A	208	
	500V	A	184	
	690V	A	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	
Tightening torque for coil terminal				
	min	Nm	0.8	
	max	Nm	1	
	min	Ibin	0.8	



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 230VAC - IEC/EN/BS 60335-1

BF2600A230V260

lbin 0.74 max Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil max 6 Flexible w/o lug conductor section min mm² 2.5 mm² 16 max Flexible c/w lug conductor section mm² 1 min max mm² 10 Flexible with insulated spade lug conductor section mm² 1 min mm² 10 max IP20 when Power terminal protection according to IEC/EN 60529 properly wired Mechanical features Operating position Vertical plan normal ±30° allowable Screw / DIN rail Fixing 35mm Weight 424 g Conductor section AWG/kcmil conductor section max 6 Operations 20000000 Mechanical life cycles Electrical life 1600000 cycles Safety related data Performance level B10d according to EN/ISO 13489-1 1600000 rated load cycles mechanical load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating Rated AC voltage at 60Hz V 230 AC operating voltage of 60Hz coil powered at 60Hz pick-up %Us 80 min max %Us 110 drop-out min %Us 20 %Us 55 max AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 VA 9 holding 2.5 Dissipation at holding ≤20°C 50Hz W Max cycles frequency Mechanical operation cycles/h 3600 Operating times

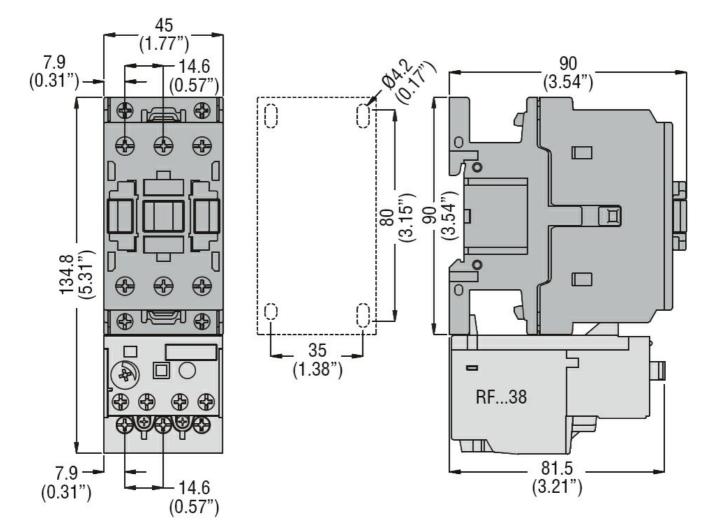


in AC Closing NO min ms 8 Opening NO min ms 5 Closing NC min ms 9 max ms 20 Opening NC min ms 9 max ms 20 Opening NC min ms 9 max ms 20 Opening NC min ms 9 max ms 17 U. technical data U. technical data	Average time for Us of	control				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-					
Appending 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 min ms 9 Full-load current (FLA) for three-phase AC motor at 480V A 21 at 600V A 22 22 Yielded mechanical performance for single-phase AC motor HP 2 200/208V HP 7.5 220/208V HP 7.5 200/208V HP 7.5 220/208V HP 2.5 for three-phase AC motor 200/208V HP 7.5 200/208V HP 7.5 220/208V HP 2.5 General USE Contactor A 45 5 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A			Closing NO			
Opening NO min ms 5 max ms 15 Closing NC min ms 9 max ms 20 Opening INC min ms 9 max ms 17 UL technical data min ms 9 max ms 17 10 UL technical data min ms 9 max ms 17 10 UL technical data min ms 9 max ms 17 10 Vielded mechanical performance min ms 22 Yielded mechanical performance for three-phase AC motor 200/208V HP 7.5 2200/200V HP 7.5 220/230V HP 7.5 General USE Contactor AC current A 45 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A				min	ms	
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$\begin{tabular}{ c c c c } & & & & & & & & & & & & & & & & & & &$			Opening NO			
Closing NC min ms 9 Opening NC min ms 9 max ms 9 for three-phase AC motor 200/208V HP 7.5 220/203OV HP 7.5 220/203OV HP 7.5 General USE					ms	
min ms 9 max 9 m			.	max	ms	15
$\begin{array}{c c c c c c c } & max & ms & 20 \\ \hline max & ms & 9 \\ max & ms & 17 \\ \hline \\ $			Closing NC			<u> </u>
Opening NC min ms 9 max ms 17 UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 21 Teleformance for single-phase AC motor 200/208V HP 2.5 for three-phase AC motor 200/208V HP 7.5 200/208V HP 7.5 200/208V HP 7.5 Contactor 200/208V HP 7.5 General USE Contactor A 45 Short-circuit protection fuse, 600V High fault Short circuit current KA						
min ms 9 Tull-load current (FLA) for three-phase AC motor at 480V A 21 at 600V A 22 Yielded mechanical performance for single-phase AC motor 110/120V HP 2 230V HP 5 5 5 for three-phase AC motor 200/208V HP 7.5 220/230V HP 7.5 220/230V HP 7.5 220/230V HP 7.5 220/230V HP 7.5 General USE Contactor AC current A 45 Short-circuit protection fuse, 600V HIgh fault Short circuit current kA 100 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 5 Temperature Operating temperature min °C 50 Mubient conditions T T 70 100 Storage temperature min <t< td=""><td></td><td></td><td></td><td>max</td><td>ms</td><td>20</td></t<>				max	ms	20
$\begin{tabular}{ c $			Opening NC			0
UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 21 at 600V A 22 Yielded mechanical performance for single-phase AC motor 110/120V HP 2 230V HP 5 5 5 for three-phase AC motor 200/208V HP 7.5 220/230V HP 7.5 200/208V HP 7.5 220/230V HP 7.5 260/480V HP 15 575/600V HP 20 6						
Full-load current (FLA) for three-phase AC motor at 4800V A 21 at 600V A 22 Yielded mechanical performance for single-phase AC motor 110/120V HP 2 200/208V HP 7.5 200/208V HP 7.5 200/208V HP 7.5 200/208V HP 7.5 200/208V HP 7.5 460/480V HP 15 Store S75/600V HP 10 20 General USE Contactor A 45 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 100 Fuse rating A 100 Ambient conditions Fuse rating A 100 A 100 Ambient conditions C -50 -50 -70	III. tochnical data			max	ms	17
at 480V at 600VA21 at 600VA21Yielded mechanical performance for single-phase AC motor110/120V 230VHP2230VHP2200/208V 220/230VHP7.5220/230V 220/230VHP7.5200/208V 220/230VHP7.5200/208V 220/230VHP7.5200/208V 220/230VHP7.5200/208V 220/230VHP7.5200/208V 220/230VHP7.5200/208V 20/280VHP7.5200/208V 20/280VHP7.5200/208V 20/280VHP7.5200/208V 20/280VHP7.5200/208V 20/280VHP7.520/208V 20/280VHP7.520/208V AHP7.520/208V AHP7.520/208V AHP7.520/208V AHP7.520/208V AHP7.520/208V AHP7.5A4.5Short-circuit protection fuse, 600V Fuse ratingA100Fuse rating Fuse rating A100A5Foregrating temperatureMin°C <td></td> <td>) for three-phase AC mo</td> <td>tor</td> <td></td> <td></td> <td></td>) for three-phase AC mo	tor			
at 600V A 22 Yielded mechanical performance for single-phase AC motor 110/120V HP 2 230V HP 5 5 for three-phase AC motor 200/208V HP 7.5 220/230V HP 7.5 220/230V HP 7.5 220/230V HP 7.5 460/480V HP 15 General USE Contactor A 45 Short-circuit protection fuse, 600V High fault Short circuit current A 45 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse class J Standard fault Short circuit current KA 5 Standard fault Short circuit current KA 5 5 5 Ambient conditions T C -50 6 70 Temperature Min °C -50 70 5 Storage temperature min °C -60 70				at 480\/	А	21
Yielded mechanical performance 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 7.5 220/230V HP 7.5 200/208V HP 7.5 220/230V HP 7.5 200/208V HP 7.5 220/230V HP 7.5 200/208V HP 7.5 220/230V HP 7.5 General USE Contactor A 450/480V HP 15 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature min °C -50 nmax °C 70 Temperature Operating temperature min °C -50 nmax °C 70 Max altitude max °C						
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 7.5 220/230V HP 7.5 260/480V HP 15 575/600V HP 20 General USE Contactor AC current A 45 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J J Standard fault Short circuit current kA 5 J Ambient conditions Fuse class J J00 Ambient conditions C -50 max 70 Storage temperature min °C -50 max 70 Storage temperature min °C -60 max °C 70 Storage temperature min °C -60 max °C 80 <	Yielded mechanical p	erformance				
110/120V HP 2 230V HP 5 for three-phase AC motor 200/208V HP 7.5 220/230V HP 7.5 220/230V HP 7.5 200/208V HP 7.5 220/230V HP 7.5 200/208V HP 15 575/600V HP 20 General USE Contactor A 45 5 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse rating A 100 Ambient conditions Fuse rating A 100 A Temperature Operating temperature min °C -50 Max atitude max °C 70 Storage temperature min °C -60 Max atitude Resistance & Protection m 3000 Resistance & Source 3	· · · · · · · · · · · · · · · · · · ·		notor			
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 20 575/600V HP 20 General USE Contactor AC current A 45 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse rating A 100 Ambient conditions Short circuit current kA 5 5 Temperature Operating temperature min °C -50 Max altitude max °C -60 max Resistance & Protection m 3000 200		5 - 5 - F		110/120V	HP	2
for three-phase AC motor 200/208V HP 7.5 220/230V HP 7.5 220/230V HP 15 220/230V HP 20 General USE Contactor HP 20 General USE Contactor A 45 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Fuse rating A 100 M M S S Temperature Operating temperature min °C -50 S S Max altitude max °C 70 S						
200/208V HP 7.5 220/230V HP 7.5 220/230V HP 7.5 460/480V HP 15 575/600V HP 20 General USE Contactor AC current A 45 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 100 100 Fuse class J Standard fault Short circuit current KA 5 Temperature Operating temperature min °C -50 -50 Max altitude min °C -50 -60 -60 Max altitude min °C -60 <td></td> <td>for three-phase AC m</td> <td>otor</td> <td></td> <td></td> <td></td>		for three-phase AC m	otor			
460/480V HP 15 Standard fault AC current A 45 Short-circuit protection fuse, 600V High fault A 100 Fuse rating A 100 100 Ambient conditions KA 5 5 Temperature Operating temperature Min °C -50 Max altitude min °C -60 max °C 80 Max altitude min °C 3 - - -		·		200/208V	HP	7.5
Short-circuit protection fuse, 600V HP 20 General USE AC current A 45 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 100 Fuse rating A 100 Fuse class J J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Fuse rating A 100 Temperature Operating temperature min °C -50 Max altitude min °C -60 max Max altitude min °C 80 Pollution degree 3 3				220/230V	HP	7.5
General USE Contactor AC current A 45 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature min °C -50 Max attitude min °C -60 max °C 80 Max attitude m 3000 3 3 3				460/480V	HP	15
Contactor AC current A 45 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse class J Standard fault Short circuit current kA 5 Ambient conditions Fuse rating A 100 Ambient conditions Fuse rating A 100 Ambient conditions Fuse rating A 100 Temperature Operating temperature min °C -50 Max attitude Min °C -50 -50 Max attitude m 3 3				575/600V	HP	20
AC current A 45 Short-circuit protection fuse, 600V High fault IOO High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature A 100 Temperature Operating temperature min °C -50 Max altitude min °C -60 Max altitude m 3000	General USE					
Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Temperature Operating temperature Operating temperature Max altitude min °C -50 max °C 70 Storage temperature Max altitude min 3000 Resistance & Protection Pollution degree 3		Contactor				
High fault Short circuit current kA 100 Fuse rating A 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Fuse rating temperature Fuse rating A 100 Ambient conditions Fuse rating temperature min °C -50 Max altitude Fuse rating %C 80 Max Max altitude fuse rational rating rating rational rational rating rational rational				AC current	Α	45
Short circuit currentkA100Fuse ratingA100Fuse classJStandard faultShort circuit currentkA5Fuse ratingA100Ambient conditionsFuse ratingA100Ambient conditionsSolutionStandard faultStandard faultTemperatureOperating temperatureStandard faultStandard faultMax attitudeMin°C-50Max attitudeMin°C-60Max attitudem3000Resistance & ProtectionStandardStandardPollution degreeStandardStandard	Short-circuit protectio					
Fuse rating Fuse class A 100 Standard fault Short circuit current Fuse rating KA 5 Ambient conditions Fuse rating A 100 Ambient conditions A 100 Temperature Min °C -50 Max attitude min °C 70 Storage temperature min °C -60 Max attitude m 3000 Resistance & Protection 3 -		High fault				
Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions Fuse rating A 100 Ambient conditions Fuse rating A 100 Temperature Operating temperature min °C -50 Max °C 70 -50					kA	
Standard fault Short circuit current kA 5 Fuse rating A 100 Ambient conditions				•	A	
Short circuit current kA 5 Fuse rating A 100 Ambient conditions - - Temperature Operating temperature - min °C -50 max °C 70 Storage temperature - - Max altitude m 3000 Resistance & Protection - - Pollution degree 3 -				Fuse class		J
Fuse rating A 100 Ambient conditions Temperature Image: Second sec		Standard fault		Object of the life of		-
Ambient conditions Temperature Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3						
Temperature Min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3	Ambiant conditions			Fuse rating	А	100
Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3						
min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3	remperature	Operating temporature	2			
max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3			•	min	ംറ	-50
Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3						
min max°C °C-60 80Max altitudem3000Resistance & Protection3		Storage temperature		Παλ	0	
max°C80Max altitudem3000Resistance & Protection3		clorage temperature		min	°C	-60
Max altitudem3000Resistance & Protection3						
Resistance & Protection Pollution degree 3	Max altitude			max		
Pollution degree 3		ion				
						3

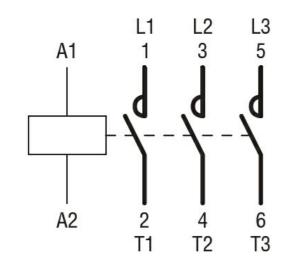
BF2600A230V260



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 230VAC - IEC/EN/BS 60335-1



Wiring diagrams



Certifications and compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-1
	IEC/EN/BS 60335-1
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-4-1



BF2600A230V260 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 230VAC - IEC/EN/BS 60335-1

 UL 60947-1

 UL 60947-4-1

 Certificates

 CCC

 cULus

 EAC

ETIM 8.0

EC000066 -Power contactor, AC switching



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 400VAC



Product designation			Power contacto
Product type designation			BF26
Contact characteristics			-
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		A	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)	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 $L/R \le 1$ ms with 1 poles in series			
	≤24V	Α	25
	48V	А	21
	75V	А	18
	110V	А	6
	220V	Α	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	28
	48V	А	28
	75V	А	25
	110V	А	22
	220V	Α	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



BF2600A400

	220V	Α	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	A	25	
	110V	A	24	
	220V	A	26	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series				
	≤24V	А	18	
	48V	А	15	
	75V	Α	13	
	110V	А	2	
	220V	А	-	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series				
	≤24V	А	20	
	48V			
		A	20	
	75V	A	18	
	110V	А	13	
	220V	Α	3	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 3 poles in series				
	≤24V	А	25	
	48V	А	25	
	75V	A	20	
	110V	A	18	
	220V			
	2200	A	19	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series				
	≤24V	A	30	
	48V	Α	30	
	75V	Α	25	
	110V	А	20	
	220V	А	15	
Short-time allowable current for 10s (IEC/EN60947-1)		А	210	
Protection fuse			210	
		۸	50	
	gG (IEC)	A	50	
	aM (IEC)	A	32	
Making capacity (RMS value)		А	260	
Breaking capacity at voltage				
	440V	А	208	
	500V	А	184	
	690V	A	168	
Resistance per pole (average value)		mΩ	2	
Power dissipation per pole (average value)		11152	۷	
rowei uissipalion pei pole (average välue)		147	4	
	lth	W	4	
	AC3	W	1.4	
Tightening torque for terminals				
	min	Nm	2.5	
	max	Nm	3	
	min	lbin	1.8	
	max	Ibin	2.2	
Tightening torque for coil terminal	max			
		Nine	0.0	
	min	Nm	0.8	
	max	Nm	1	
	min	lbin	0.8	



BF2600A400

		max	lbin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section			0.5
		min	mm²	2.5
	Elevible a/w lug conductor postion	max	mm²	16
	Flexible c/w lug conductor section	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section	IIIdx		10
	The side with insulated space by conductor section	min	mm²	1
		max	mm²	10
		max		IP20 when
Power terminal protec	ction according to IEC/EN 60529			properly wired
Mechanical features				p
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
Fixing				35mm
Weight			g	436
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	2000000
Electrical life			cycles	1600000
Safety related data	0 L			
Performance level B1	0d according to EN/ISO 13489-1		ovalaa	100000
		rated load	cycles	1600000
Mirror contata accordi			cycles	2000000
winter contais accord	ing to IEC/EN 609474-4-1			yes
EMC compatibility				yes
EMC compatibility AC coil operating	:0/60Hz		M	
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz		V	yes 400
EMC compatibility AC coil operating Rated AC voltage at 5			V	
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz		V	
EMC compatibility AC coil operating Rated AC voltage at 5		min		400
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz	min max	%Us	400 80
EMC compatibility AC coil operating Rated AC voltage at 5 AC operating voltage	of 50/60Hz coil powered at 50Hz pick-up	min max		400
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz		%Us %Us	400 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up	max	%Us	400 80
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out	max min	%Us %Us %Us	400 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up	max min	%Us %Us %Us	400 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min	%Us %Us %Us	400 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max	%Us %Us %Us %Us	400 80 110 20 55
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min	%Us %Us %Us %Us	400 80 110 20 55 85
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	max min max min	%Us %Us %Us %Us	400 80 110 20 55 85

of 50/60Hz coil powered at 50Hz

BF2600A400



BF2600A400

		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz	Tolding	٧A	5
	of 50/00112 coll powered at 00112	in-rush	VA	70
		holding	VA	6.5
	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				
Average time for Us co	ontrol			
	in AC			
	Closing NC)		
		min	ms	8
		max	ms	24
	Opening N	0		
	-	min	ms	5
		max	ms	15
	Closing NC			
	g	min	ms	9
		max	ms	20
	Opening N		mo	20
	opening	min	ms	9
		max	ms	17
UL technical data		Пах	1113	17
	for three-phase AC motor			
	Tor three-phase AC motor	at 480V	А	21
		at 600V	A	22
		at 000 v	A	22
Violded mechanical pa	rformanaa			
Yielded mechanical pe				
Yielded mechanical pe	erformance for single-phase AC motor	440/4001/		2
Yielded mechanical pe		110/120V	HP	2
Yielded mechanical pe	for single-phase AC motor	110/120V 230V	HP HP	2 5
Yielded mechanical pe		230V	HP	5
Yielded mechanical pe	for single-phase AC motor	230V 200/208V	HP HP	5 7.5
Yielded mechanical pe	for single-phase AC motor	230V 200/208V 220/230V	HP HP HP	5 7.5 7.5
Yielded mechanical pe	for single-phase AC motor	230V 200/208V 220/230V 460/480V	HP HP HP HP	5 7.5 7.5 15
	for single-phase AC motor	230V 200/208V 220/230V	HP HP HP	5 7.5 7.5
Yielded mechanical pe	for single-phase AC motor	230V 200/208V 220/230V 460/480V	HP HP HP HP	5 7.5 7.5 15
	for single-phase AC motor	230V 200/208V 220/230V 460/480V	HP HP HP HP	5 7.5 7.5 15
	for single-phase AC motor for three-phase AC motor	230V 200/208V 220/230V 460/480V	HP HP HP HP	5 7.5 7.5 15
	for single-phase AC motor for three-phase AC motor Contactor	230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP	5 7.5 7.5 15 20
General USE	for single-phase AC motor for three-phase AC motor Contactor	230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP	5 7.5 7.5 15 20
General USE	for single-phase AC motor for three-phase AC motor Contactor	230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP	5 7.5 7.5 15 20
General USE	for single-phase AC motor for three-phase AC motor Contactor	230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP A	5 7.5 7.5 15 20 45
General USE	for single-phase AC motor for three-phase AC motor Contactor	230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating	HP HP HP HP A	5 7.5 7.5 15 20 45 100 100
General USE	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP A	5 7.5 7.5 15 20 45
General USE	for single-phase AC motor for three-phase AC motor Contactor	230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	HP HP HP A A	5 7.5 7.5 15 20 45 45
General USE	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	HP HP HP A A kA A	5 7.5 7.5 15 20 45 45 100 100 J 5
General USE Short-circuit protection	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	HP HP HP A A	5 7.5 7.5 15 20 45 45
General USE Short-circuit protection	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	HP HP HP A A kA A	5 7.5 7.5 15 20 45 45 100 100 J 5
General USE Short-circuit protection	for single-phase AC motor for three-phase AC motor Contactor n fuse, 600V High fault Standard fault	230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	HP HP HP A A kA A	5 7.5 7.5 15 20 45 45 100 100 J 5
General USE Short-circuit protection	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class Short circuit current	HP HP HP A A kA A	5 7.5 7.5 15 20 45 45 100 100 J 5

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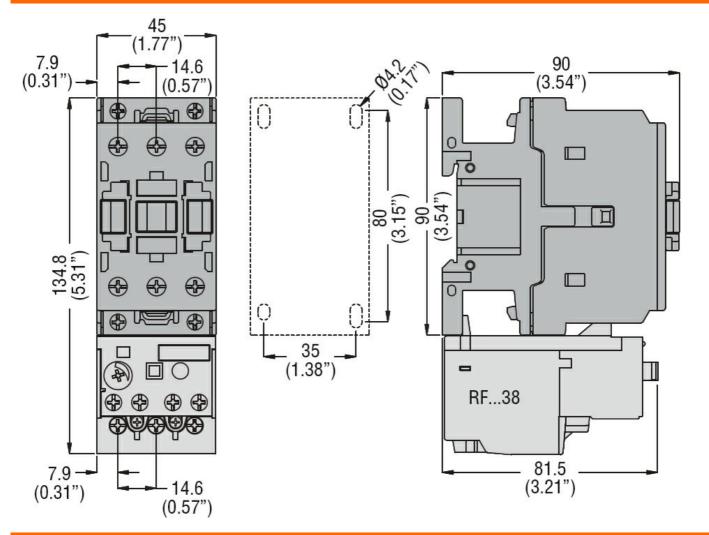
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3

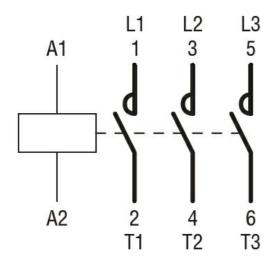
Dimensions



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	

ETIM 8.0

EC000066 -Power contactor, AC switching





Product designation			Power contactor
Product type designation			BF26
Contact characteristics			
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		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)	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)			
	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	A	25
	48V	А	21
	75V	A	18
	110V	A	6
	220V	A	_
IEC max current le in DC1 with $L/R \le 1$ ms 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 $L/R \le 1$ ms with 3 poles in series		_	
	≤24V	A	28
	48V	A	28
	75V	A	25
	110V	А	24



	220V	А	20
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	А	28
	48V	А	28
	75V	А	25
	110V	А	24
	220V	А	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	А	18
	48V	А	15
	75V	А	13
	110V	А	2
	220V	А	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	≤24V	А	20
	48V	A	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	Λ	5
TEO max current le in DOS-DOS with Err 3 Toms with 5 poles in series	≤24V	А	25
	48V	A	25
	48V 75V	A	20
	110V	A	18
IFO menu compart la in DO2 DO5 with L/D < 45mm with 4 melas in a mine	220V	A	19
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series	-041/	۸	20
	≤24V	A	30
	48V	A	30
	75V	A	25
	110V	A	20
	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse			
	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	lbin	1.8
	max	Ibin	2.2
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	Ibin	0.8
	11111		0.0



May number of wires	simultanoquely connectable	max	lbin Nr.	0.74
	simultaneously connectable		INF.	۷
Conductor section	AWG/Kcmil			
	AWG/KCIIII	max		6
	Flexible w/o lug conductor section	Παλ		0
		min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section			
	Ŭ	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
				properly wired
Mechanical features				
Operating position		normal		Vertical plan
		allowable		Vertical plan ±30°
				Screw / DIN rail
Fixing				35mm
Weight			g	426
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	2000000
Electrical life			cycles	1600000
Safety related data				
Performance level B	10d according to EN/ISO 13489-1			100000
		rated load	cycles	1600000
Mirror contate accord		echanical load	cycles	2000000
EMC compatibility	ling to IEC/EN 609474-4-1			yes
AC coil operating				yes
Rated AC voltage at (60Hz		V	24
AC operating voltage			v	
eperating ronage	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	•			
AC average coil cons	sumption at 20°C of 60Hz coil powered at 60Hz			
AC average coil cons	•	in-rush	VA	75
_	of 60Hz coil powered at 60Hz	in-rush holding	VA	9
Dissipation at holding	of 60Hz coil powered at 60Hz ≤20°C 50Hz			
_	of 60Hz coil powered at 60Hz g ≤20°C 50Hz		VA	9 2.5

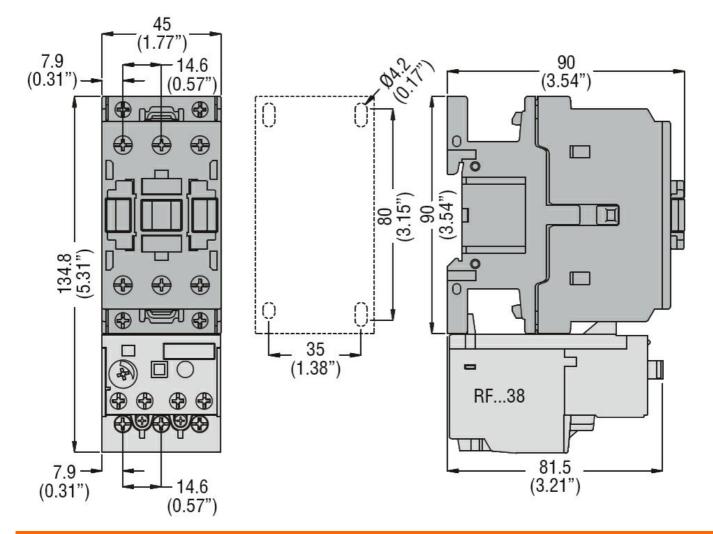


Average time for Us of	control				
	in AC				
		Closing NO			
			min	ms	8
			max	ms	24
		Opening NO			_
			min	ms	5
			max	ms	15
		Closing NC			0
			min	ms	9
		Opening NC	max	ms	20
		Opening NC	min	me	9
			max	ms ms	9 17
UL technical data			IIIdA	1113	17
) for three-phase AC mo	otor			
			at 480V	А	21
			at 600V	A	22
Yielded mechanical p	erformance				
······	for single-phase AC r	notor			
	5 5 7 5 7		110/120V	HP	2
			230V	HP	5
	for three-phase AC m	otor			
			200/208V	HP	7.5
			220/230V	HP	7.5
			460/480V	HP	15
			575/600V	HP	20
General USE					
	Contactor				
			AC current	Α	45
Short-circuit protectio					
	High fault				
			Short circuit current	kA	100
			Fuse rating	A	100
	Oten dend (Fuse class		J
	Standard fault		Chart aire it arms	Iz A	F
			Short circuit current Fuse rating	kA A	5 100
Ambient conditions				А	100
Temperature					
remperature	Operating temperatur	۵			
	operating temperatur	0	min	°C	-50
			max	°Č	70
	Storage temperature			•	
			min	°C	-60
			max	°Ĉ	80
Max altitude				m	3000
Resistance & Protect	ion				
Pollution degree					3
Dimensions					

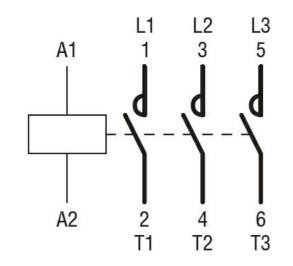
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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 24VAC



Wiring diagrams



Certifications and 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		

Compliance



	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classificati	on	
		EC000066 -

ETIM 8.0

Power contactor, AC switching





Product designation Product type designation			Power contactor BF26
Contact characteristics			DI 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		A	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-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 $L/R \le 1$ ms with 1 poles in series			
	≤24V	Α	25
	48V	A	21
	75V	A	18
	110V	A	6
	220V	A	
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series	-04)/	•	00
	≤24V	A	28
	48V 75V	A	28
	110V	A A	25 22
	220V	A	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	220 V	~	2
	≤24V	А	28
	48V	A	28
	48V 75V	A	25
	110V	A	24
	1100	7	- 7



	220V	А	20
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	А	28
	48V	А	28
	75V	А	25
	110V	А	24
	220V	А	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	А	18
	48V	А	15
	75V	А	13
	110V	А	2
	220V	А	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	≤24V	А	20
	48V	A	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	Λ	5
TEO max current le in DOS-DOS with Err 3 Toms with 5 poles in series	≤24V	А	25
	48V	A	25
	48V 75V	A	20
	110V	A	18
IFO menu compart la in DO2 DO5 with L/D < 45mm with 4 melas in a mine	220V	A	19
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series	-041/	۸	20
	≤24V	A	30
	48V	A	30
	75V	A	25
	110V	A	20
	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse			
	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	lbin	1.8
	max	Ibin	2.2
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	Ibin	0.8
	11111		0.0



		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil	may		6
	Flexible w/o lug conductor section	max		0
	Thexible w/o lug conductor section	min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section			
	ő	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
				properly wired
Mechanical features				
Operating position		normal		Vertical plan
		allowable		±30°
				Screw / DIN rail
Fixing				35mm
Weight			g	420
Conductor section			-	
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	2000000
Electrical life			cycles	1600000
Safety related data				
Performance level B	10d according to EN/ISO 13489-1			100000
		rated load	cycles	1600000
Mirror contate accord	ling to IEC/EN 609474-4-1	echanical load	cycles	2000000
	IIIg to IEC/EN 609474-4-1			yes
EMC compatibility AC coil operating				yes
Rated AC voltage at (60Hz		V	48
AC operating voltage			v	-10
re operating relage	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			
Ū.				
,		in-rush	VA	75
-		in-rush holding	VA	9
Dissipation at holding	g ≤20°C 50Hz			
-	g ≤20°C 50Hz		VA	9 2.5

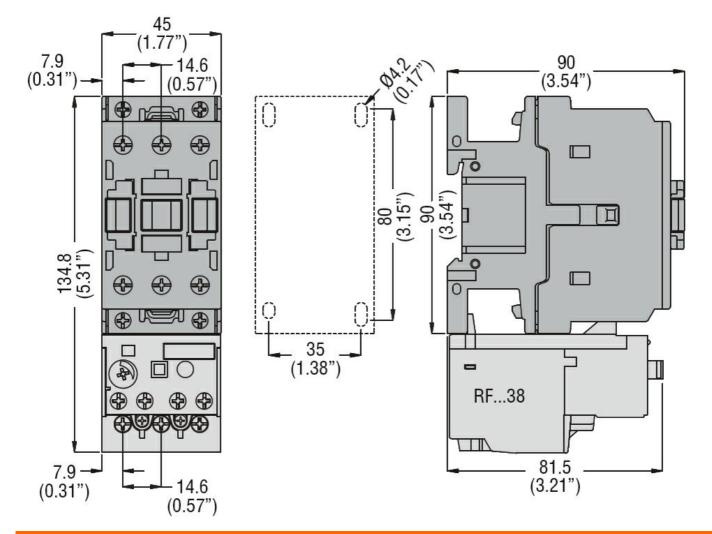


Average time for Us of	control				
	in AC				
		Closing NO			
			min	ms	8
			max	ms	24
		Opening NO			
			min	ms	5
			max	ms	15
		Closing NC			
			min	ms	9
			max	ms	20
		Opening NC			
			min	ms	9
			max	ms	17
UL technical data					
Full-load current (FLA	 A) for three-phase AC mo 	otor		-	. (
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical p					
	for single-phase AC n	notor			_
			110/120V	HP	2
			230V	HP	5
	for three-phase AC m	otor			
			200/208V	HP	7.5
			220/230V	HP	7.5
			460/480V	HP	15
<u> </u>			575/600V	HP	20
General USE	0 4 4				
	Contactor		10		
0	. (AC current	A	45
Short-circuit protectio					
	High fault				100
			Short circuit current	kA	100
			Fuse rating	A	100
	Standard foult		Fuse class		J
	Standard fault		Short singuit surrout	L- A	F
			Short circuit current	kA ^	5 100
Ambient conditions			Fuse rating	A	
Temperature					
remperature	Operating temperature	0			
	Operating temperature	6	min	°C	-50
			max	°C	70
	Storage temperature		IIIdX	U	10
	Siorage temperature		min	°C	-60
			max	°C	80
Max altitude			IIIdX	 	3000
Resistance & Protect	ion			111	3000
Pollution degree					3
Dimensions					

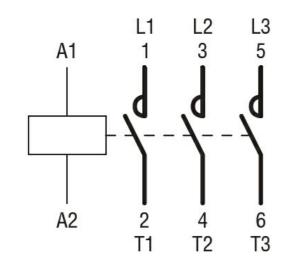
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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 48VAC



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 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classificati	on	
		EC000066 -

ETIM 8.0

Power contactor, AC switching





Product designation Product type designation			Power contactor BF26
Contact characteristics			D1 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		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-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 $L/R \le 1$ ms 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 $L/R \le 1$ ms with 2 poles in series	-0.01		
	≤24V	A	28
	48V	A	28
	75V	A	25
	110V	A	22
$I_{\rm C}$ may summat be in DC4 with $1/D < 4$ may with 2 males in series	220V	A	2
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series	≤24V	۸	20
		A	28
	48V 75V	A	28 25
	75V 110V	A A	25 24
	1100	А	24



	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	A	25	
	110V	A	24	
	220V	A	26	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series	2201		20	
	≤24V	А	18	
	48V	A	15	
	48V 75V			
		A	13	
	110V	A	2	
	220V	А	_	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series				
	≤24V	A	20	
	48V	A	20	
	75V	А	18	
	110V	А	13	
	220V	А	3	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series				
	≤24V	А	25	
	48V	А	25	
	75V	А	20	
	110V	А	18	
	220V	A	19	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series				
	≤24V	А	30	
	48V	A	30	
	48V 75V	A	30 25	
	110V			
	1107	Α	20	
		Δ	15	
	220V	A	15	
Short-time allowable current for 10s (IEC/EN60947-1)		A A	15 210	
Short-time allowable current for 10s (IEC/EN60947-1) Protection fuse	220V	А	210	
	gG (IEC)	A	210 50	
Protection fuse	220V	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC)	A	210 50	
Protection fuse	gG (IEC)	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC)	A A A A	210 50 32 260	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V	A A A A	210 50 32 260 208	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage	220V gG (IEC) aM (IEC) 440V 500V	A A A A A	210 50 32 260 208 184	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V	A A A A A A A	210 50 32 260 208 184 168	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ	210 50 32 260 208 184 168 2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ W	210 50 32 260 208 184 168 2 4	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ	210 50 32 260 208 184 168 2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V lth AC3	A A A A A A MΩ W W	210 50 32 260 208 184 168 2 4 1.4	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min	A A A A A A A MΩ W W W W	210 50 32 260 208 184 168 2 4 1.4 2.5	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max	A A A A A A A MΩ W W W Nm Nm	210 50 32 260 208 184 168 2 4 1.4 2.5 3	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min max min	A A A A A A A MΩ W W W Nm Nm Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max	A A A A A A A MΩ W W W Nm Nm	210 50 32 260 208 184 168 2 4 1.4 2.5 3	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max	A A A A A A A MΩ W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min max min max min max	A A A A A A A M Ω W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2 0.8	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max	A A A A A A A MΩ W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2	



Max number of wires	simultaneously connectable	max	lbin Nr.	0.74
Conductor section				_
	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section			
		min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section	nin	mm2	4
		min max	mm² mm²	1 10
	Flexible with insulated spade lug conductor section	IIIdA		10
		min	mm²	1
		max	mm²	10
Power terminal prote	ction according to IEC/EN 60529			IP20 when properly wired
Mechanical features				property wred
Operating position				
		normal allowable		Vertical plan ±30°
Fixing		anowable		Screw / DIN rai
Weight			<i>a</i>	35mm 424
Conductor section			g	424
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data				
Performance level B	10d according to EN/ISO 13489-1			
		rated load	cycles	1600000
		echanical load	cycles	2000000
	ing to IEC/EN 609474-4-1			yes
EMC compatibility AC coil operating				yes
Rated AC voltage at 6	SOHz		V	120
AC operating voltage			v	120
r e operaning renage	of 60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
			0/11	110
		max	%Us	110
	drop-out			
	drop-out	min	%Us	20
AC average coil cons	umption at 20°C	min	%Us	20
AC average coil cons		min max	%Us %Us	20 55
AC average coil cons	umption at 20°C	min max in-rush	%Us %Us VA	20 55 75
	umption at 20°C of 60Hz coil powered at 60Hz	min max	%Us %Us VA VA	20 55 75 9
Dissipation at holding	umption at 20°C of 60Hz coil powered at 60Hz ≤20°C 50Hz	min max in-rush	%Us %Us VA	20 55 75
	umption at 20°C of 60Hz coil powered at 60Hz ≤20°C 50Hz	min max in-rush	%Us %Us VA VA	20 55 75 9 2.5



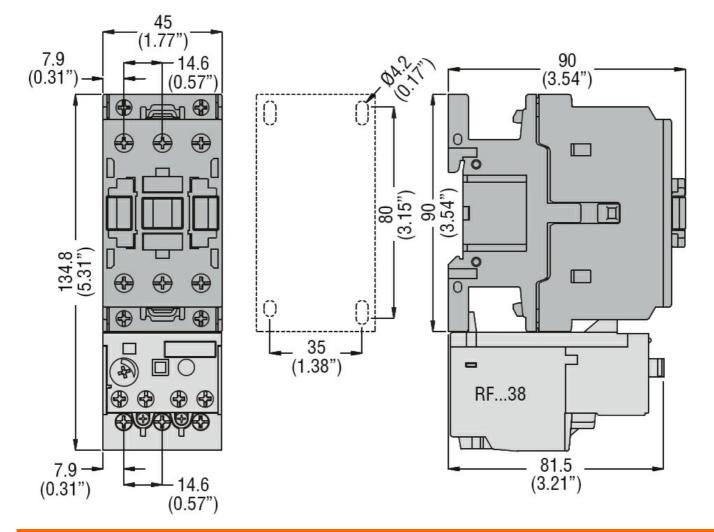
Average time for Us control

Average lime for US C	in AC				
		Closing NO			
			min	ms	8
			max	ms	24
		Opening NO	max	1115	27
		opening No	min	ms	5
			max	ms	15
		Closing NC	max	me	10
		closing rec	min	ms	9
			max	ms	20
		Opening NC			
			min	ms	9
			max	ms	17
UL technical data					
) for three-phase AC mo	otor			
,	, i		at 480V	А	21
			at 600V	А	22
Yielded mechanical p	erformance				
	for single-phase AC r	notor			
	0		110/120V	HP	2
			230V	HP	5
	for three-phase AC m	notor			
			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
Short-circuit protection	n fuse, 600V				
	High fault				
			Short circuit current	kA	100
			Fuse rating	А	100
			Fuse class		J
	Standard fault				
			Short circuit current	kA	5
			Fuse rating	A	100
Ambient conditions					
Temperature					
	Operating temperatur	e			
			min	°C	-50
	<u></u>		max	°C	70
	Storage temperature				00
			min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protecti	on				2
Pollution degree					3
Dimensions					

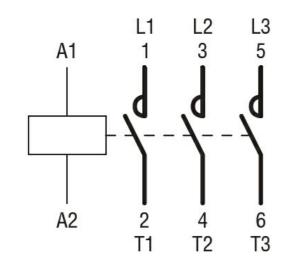
BF2600A12060



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 120VAC



Wiring diagrams



Certifications and 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		

Compliance

BF2600A12060 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classificati	on	
		EC000066 -

ETIM 8.0

Power contactor, AC switching





Product designation		Power contactor
Product type designation		BF26
Contact characteristics		
Number of poles	Nr.	3
Rated insulation voltage Ui IEC/EN	V	690
Rated impulse withstand voltage Uimp	kV	6
Operational frequency		
mir	n Hz	25
max		400
IEC Conventional free air thermal current Ith	А	45
Operational current le		
AC-1 (≤40°C) A	45
AC-1 (≤55°C		36
AC-1 (≤70°C		32
AC-3 (≤440V ≤55°C		26
AC-4 (400V) A	11.5
Rated operational power AC-3 (T≤55°C)		
230\	/ kW	7.3
400\	/ kW	13
415\	/ kW	14
440\	/ kW	14
500\	/ kW	15.6
690\	/ kW	18.5
Rated operational power AC-1 (T≤40°C)		
230\	/ kW	17
400\	/ kW	30
500\	/ kW	37
690\	/ kW	51
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series		
≤24∖	′ A	25
48\	′ A	21
75\	′ A	18
110\		6
220\	′ A	_
IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series		
≤24∖		28
48\		28
75\		25
110\		22
220\	Υ Α	2
IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series		
≤24∖		28
48\		28
75\		25
110\	Υ Α	24



	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	A	25	
	110V	A	24	
	220V	A	26	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series	2201		20	
	≤24V	А	18	
	48V	A	15	
	48V 75V			
		A	13	
	110V	A	2	
	220V	А	_	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series				
	≤24V	A	20	
	48V	A	20	
	75V	А	18	
	110V	А	13	
	220V	А	3	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series				
	≤24V	А	25	
	48V	А	25	
	75V	А	20	
	110V	А	18	
	220V	A	19	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series				
	≤24V	А	30	
	48V	A	30	
	48V 75V	A	30 25	
	110V			
	1100	Α	20	
		Δ	15	
	220V	A	15	
Short-time allowable current for 10s (IEC/EN60947-1)		A A	15 210	
Short-time allowable current for 10s (IEC/EN60947-1) Protection fuse	220V	А	210	
	gG (IEC)	A	210 50	
Protection fuse	220V	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC)	A	210 50	
Protection fuse	gG (IEC)	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC)	A A A A	210 50 32 260	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V	A A A A	210 50 32 260 208	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage	220V gG (IEC) aM (IEC) 440V 500V	A A A A A	210 50 32 260 208 184	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V	A A A A A A A	210 50 32 260 208 184 168	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ	210 50 32 260 208 184 168 2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ W	210 50 32 260 208 184 168 2 4	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ	210 50 32 260 208 184 168 2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V lth AC3	A A A A A A MΩ W W	210 50 32 260 208 184 168 2 4 1.4	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min	A A A A A A A MΩ W W W W	210 50 32 260 208 184 168 2 4 1.4 2.5	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max	A A A A A A A MΩ W W W Nm Nm	210 50 32 260 208 184 168 2 4 1.4 2.5 3	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min max min	A A A A A A A MΩ W W W Nm Nm Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max	A A A A A A A MΩ W W W Nm Nm	210 50 32 260 208 184 168 2 4 1.4 2.5 3	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max	A A A A A A A MΩ W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min max min max min max	A A A A A A A M Ω W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2 0.8	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max	A A A A A A A MΩ W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2	



Max number of wires	simultaneously connectable	max	lbin Nr.	0.74
Conductor section				-
	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 conductor section			10
		min	mm²	1
		max	mm²	10
Power terminal prote	ction according to IEC/EN 60529			IP20 when properly wired
Mechanical features				
Operating position				
		normal allowable		Vertical plan ±30°
Fixing				Screw / DIN rail 35mm
Weight			g	418
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data				
Performance level B1	10d according to EN/ISO 13489-1			100000
		rated load	cycles	1600000
Mirror contate accord		nechanical load	cycles	2000000
EMC compatibility	ling to IEC/EN 609474-4-1			yes
AC coil operating				yes
Rated AC voltage at 6	S0Hz		V	220
AC operating voltage			v	220
	of 60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
	1	max	%Us	55
AL' average soil sone	sumption at 20°C			
AC average con cons	of 60Hz coil powered at 60Hz	in-rush	۱/۸	75
AC average con cons		in-ruch	VA	75
AC average con cons				٥
	I <20°C 50Hz	holding	VA	9
Dissipation at holding				9 2.5
	/		VA	2.5



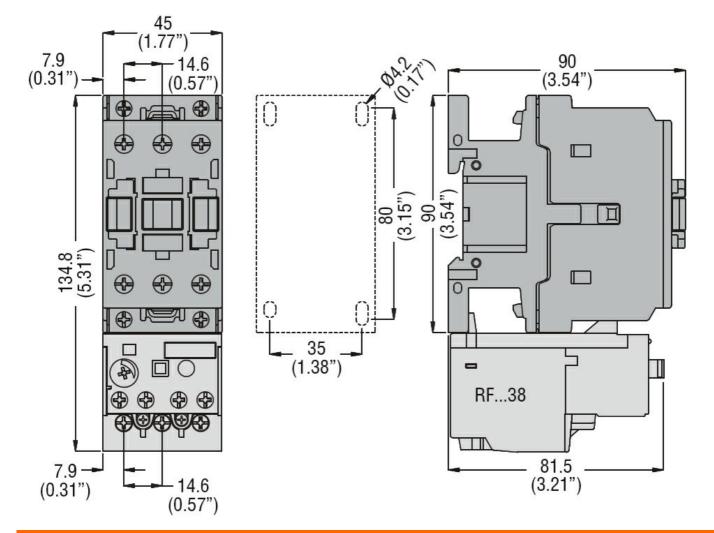
220VAC

Average time for Us co	ntrol				
	in AC				
	Cle	osing NO			
			min	ms	8
			max	ms	24
	Op	pening NO			
			min	ms	5
			max	ms	15
	Cle	osing NC			
			min	ms	9
			max	ms	20
	Ot	pening NC			
			min	ms	9
			max	ms	17
UL technical data					
Full-load current (FLA)	for three-phase AC motor				04
			at 480V	A	21
Vialated as a start start			at 600V	A	22
Yielded mechanical per					
	for single-phase AC motor		440/4001/		0
			110/120V	HP	2
			230V	HP	5
	for three-phase AC motor		200/2001/		7 5
			200/208V	HP	7.5
			220/230V	HP	7.5
			460/480V 575/600V	HP HP	15 20
General USE			575/0000	ΓIF	20
	Contactor				
	Contactor		AC current	А	45
Short-circuit protection	fuse 600V		AO cultent	A	
Onone one one protection	High fault				
	rigiriadit		Short circuit current	kA	100
			Fuse rating	A	100
			Fuse class		J
	Standard fault		. 400 0,400		
			Short circuit current	kA	5
			Fuse rating	A	100
Ambient conditions					
Temperature					
	Operating temperature				
			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					

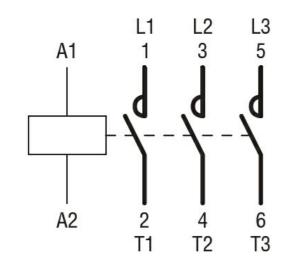
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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 220VAC



Wiring diagrams



Certifications and compliance

Compliance



	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classification		
		EC000066 -

ETIM 8.0

Power contactor, AC switching





Product designation Product type designation			Power contactor BF26
Contact characteristics			DI 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)	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-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 $L/R \le 1$ ms 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 $L/R \le 1$ ms with 2 poles in series	-0.01		
	≤24V	A	28
	48V	A	28
	75V	A	25
	110V	A	22
IEC may aurrent to in DC1 with 1/D < 1mg with 2 nation in agrice	220V	A	2
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series	~0AV	۸	20
	≤24V 48V	A	28
		A	28 25
	75V 110V	A	25
	110V	A	24



			
	220V	A	20
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	Α	28
	48V	А	28
	75V	Α	25
	110V	А	24
	220V	Α	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	А	18
	48V	А	15
	75V	А	13
	110V	A	2
	220V	A	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series	2201	73	
TEO max current le in DOS-DOS with Ert = 15ms with 2 poles in series	≤24V	А	20
	48V		20
	48V 75V	A	
		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	А	25
	48V	А	25
	75V	Α	20
	110V	Α	18
	220V	Α	19
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series			
	≤24V	А	30
	48V	А	30
	75V	А	25
	110V	А	20
	220V	А	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse			
	gG (IEC)	А	50
	aM (IEC)	A	32
Making apparity (DMS value)		A	260
Making capacity (RMS value)		A	260
Breaking capacity at voltage			
	440V	A	208
	500V	A	184
	690V	A	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
Tightening torque for coil terminal			
	min	Nm	0.8
		Nm	1
	max		
	min	lbin	0.8



simultaneously connectable AWG/Kcmil		Nr.	2
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 conductor section			
	min	mm²	1
	max	mm²	10
ction according to IEC/EN 60529			IP20 when properly wired
			Vortical plan
	normai allowable		Vertical plan ±30°
			Screw / DIN rail 35mm
		a	420
		9	
AWG/kcmil conductor section			
	max		6
			-
		cycles	20000000
		cycles	1600000
0d according to EN/ISO 13489-1			
	rated load	cycles	1600000
	echanical load	cycles	2000000
ing to IEC/EN 609474-4-1			yes
			yes
		N N	220
		V	230
μισκ-αμ	min	% le	80
			110
drop-out	max	/000	
	min	%Us	20
	max		55
umption at 20°C			
	in-rush	VA	75
	holding	VA	9
≤20°C 50Hz	5_	W	2.5
/			
	Flexible c/w lug conductor section Flexible with insulated spade lug conductor section Ction according to IEC/EN 60529 AWG/kcmil conductor section AWG/kcmil conductor section AWG/kcmil conductor section Ction according to EN/ISO 13489-1 Ction a	min min Flexible c/w lug conductor section min max Flexible with insulated spade lug conductor section min max Flexible with insulated spade lug conductor section min max min ction according to IEC/EN 60529 normal AWG/kcmil conductor section max allowable mormal 10d according to EN/ISO 13489-1 rated load mechanical load mechanical load ing to IEC/EN 609474-4-1 min S0Hz of 60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz min max drop-out min max umption at 20°C of 60Hz coil powered at 60Hz of 60Hz coil powered at 60Hz in-rush	min min² mm² Flexible c/w lug conductor section min mm² Flexible with insulated spade lug conductor section min mm² Flexible with insulated spade lug conductor section min mm² ction according to IEC/EN 60529 min² mm² AWG/kcmil conductor section max g AWG/kcmil conductor section max g MWG/kcmil conductor section max cycles ing to IEC/EN 609474-4-1 cycles cycles S0Hz V of 60Hz coil powered at 60Hz v of 60Hz coil powered at 60Hz max %Us umption at 20°C of 60Hz coil powered at 60Hz in-rush VA



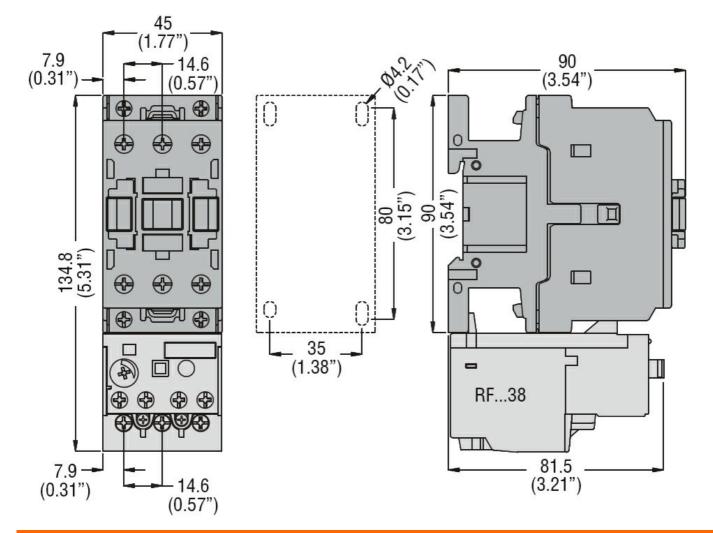
Average time for Us control

/Weldge time for be	in AC			
	Closing NO			
		min	ms	8
		max	ms	24
	Opening NO	max	1115	24
	Opening NO	min	ms	5
		max	ms	15
	Closing NC	max	1113	15
		min	ms	9
		max	ms	20
	Opening NC	max	1113	20
	Opening NC	min	ms	9
				5 17
UL technical data		max	ms	17
	A) for three phase AC motor			
Full-load current (FL	_A) for three-phase AC motor	at 400)/	٨	04
		at 480V	A	21
		at 600V	A	22
Yielded mechanical				
	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	Α	45
Short-circuit protect	ion fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	А	100
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	А	100
Ambient conditions				
Temperature				
-	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
	U	min	°C	-60
		max	°Č	80
Max altitude			m	3000
Resistance & Prote	ction			
Pollution degree				3
Dimensions				~
Binchsions				

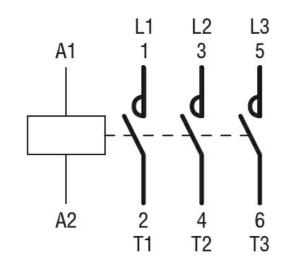
BF2600A23060



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 230VAC



Wiring diagrams



Certifications and 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		

Compliance

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classificati	on	
		EC000066 -

ETIM 8.0

Power contactor, AC switching





Product designation			Power contactor
Product type designation Contact characteristics			BF26
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		κν	0
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	IIIdA	A	45
Operational current le		Λ	-10
	AC-1 (≤40°C)	А	45
	AC-1 (≤55°C)	A	36
	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)			1110
	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	А	25
	48V	А	21
	75V	А	18
	110V	А	6
	220V	Α	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	28
	48V	А	28
	75V	А	25
	110V	А	22
	220V	Α	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



	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	A	25	
	110V	A	24	
	220V	A	26	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series	2201		20	
	≤24V	А	18	
	48V	A	15	
	48V 75V			
		A	13	
	110V	A	2	
	220V	А	_	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series				
	≤24V	A	20	
	48V	A	20	
	75V	А	18	
	110V	А	13	
	220V	А	3	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series				
	≤24V	А	25	
	48V	А	25	
	75V	А	20	
	110V	А	18	
	220V	A	19	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series				
	≤24V	А	30	
	48V	A	30	
	48V 75V	A	30 25	
	110V			
	1107	Α	20	
		Δ	15	
	220V	A	15	
Short-time allowable current for 10s (IEC/EN60947-1)		A A	15 210	
Short-time allowable current for 10s (IEC/EN60947-1) Protection fuse	220V	А	210	
	gG (IEC)	A	210 50	
Protection fuse	220V	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC)	A	210 50	
Protection fuse	gG (IEC)	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V	A A A	210 50 32	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC)	A A A A	210 50 32 260	
Protection fuse Making capacity (RMS value)	gG (IEC) aM (IEC) 440V	A A A A	210 50 32 260 208	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage	220V gG (IEC) aM (IEC) 440V 500V	A A A A A	210 50 32 260 208 184	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V	A A A A A A A	210 50 32 260 208 184 168	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ	210 50 32 260 208 184 168 2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ W	210 50 32 260 208 184 168 2 4	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V	A A A A A A MΩ	210 50 32 260 208 184 168 2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V lth AC3	A A A A A A MΩ W W	210 50 32 260 208 184 168 2 4 1.4	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	220V gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min	A A A A A A A MΩ W W W W	210 50 32 260 208 184 168 2 4 1.4 2.5	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max	A A A A A A A MΩ W W W Nm Nm	210 50 32 260 208 184 168 2 4 1.4 2.5 3	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min max min	A A A A A A A MΩ W W W Nm Nm Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max	A A A A A A A MΩ W W W Nm Nm	210 50 32 260 208 184 168 2 4 1.4 2.5 3	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value)	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max	A A A A A A A MΩ W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V lth AC3 min max min max min max	A A A A A A A M Ω W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2 0.8	
Protection fuse Making capacity (RMS value) Breaking capacity at voltage Resistance per pole (average value) Power dissipation per pole (average value) Tightening torque for terminals	gG (IEC) aM (IEC) 440V 500V 690V Ith AC3 min max min max	A A A A A A A MΩ W W W Nm Ibin Ibin	210 50 32 260 208 184 168 2 4 1.4 2.5 3 1.8 2.2	



		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			C
	Flovible w/e lug conductor paction	max		6
	Flexible w/o lug conductor section	min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section	тах		10
		min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section			
		min	mm²	1
		max	mm²	10
Power terminal protec	ction according to IEC/EN 60529			IP20 when
				properly wired
Mechanical features				
Operating position				Manthaalista
		normal		Vertical plan
		allowable		±30° Screw / DIN rail
Fixing				35mm
Weight			g	416
Conductor section			9	
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1			
		rated load	cycles	1600000
		nechanical load	cycles	2000000
	ing to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating			. <i>.</i>	
Rated AC voltage at 6	SUHZ		V	575
AC operating voltage	of COLLE apil newared at COLLE			
	of 60Hz coil powered at 60Hz			
	pick-up	min	%Us	80
		max	%Us %Us	80 110
	drop-out	Παλ	/005	110
		min	%Us	20
		max	%Us	55
AC average coil cons	umption at 20°C		-	
č	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				

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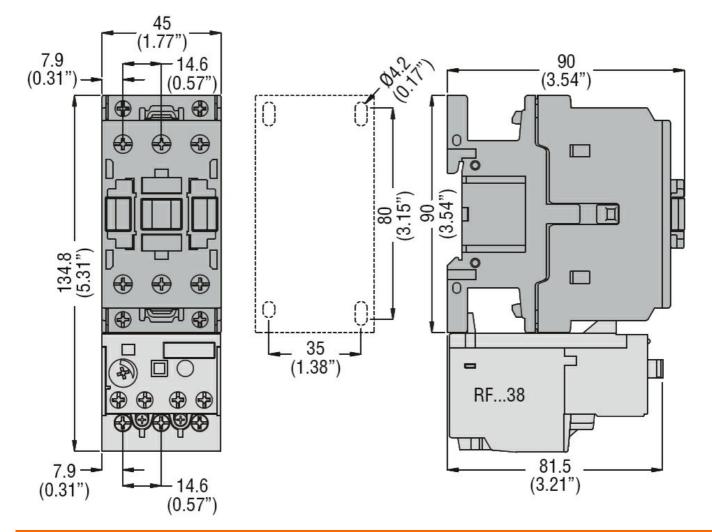


Average time for Us cont	trol			
•	n AC			
	Closing NO			
		min	ms	8
		max	ms	24
	Opening NO			
		min	ms	5
		max	ms	15
	Closing NC			
		min	ms	9
		max	ms	20
	Opening NC			
		min	ms	9
		max	ms	17
UL technical data				
Full-load current (FLA) fo	or three-phase AC motor			04
		at 480V	A	21
		at 600V	Α	22
Yielded mechanical perfo				
t	for single-phase AC motor	440/400/4		<u> </u>
		110/120V	HP	2
-		230V	HP	5
t	for three-phase AC motor	000/0001		7.5
		200/208V	HP	7.5
		220/230V	HP	7.5
		460/480V	HP	15
General USE		575/600V	HP	20
	Contactor			
(Contactor	AC current	۸	45
Short-circuit protection fu		AC current	A	40
Г	High fault	Short circuit current	kA	100
			A	100
		Fuse rating Fuse class	A	J
-	Standard fault	1 030 01033		0
· · · · ·		Short circuit current	kA	5
		Fuse rating	A	100
Ambient conditions				
Temperature				
•	Operating temperature			
· · · · · · · · · · · · · · · · · · ·		min	°C	-50
		max	°Č	70
-	Storage temperature		-	-
		min	°C	-60
		max	°Ĉ	80
Max altitude			m	3000
Resistance & Protection				
Pollution degree				3
Dimensions				

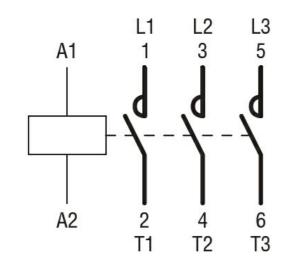
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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 575VAC



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 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classification	า	
		EC000066 -

ETIM 8.0

Power contactor, AC switching





Product designation Product type designation			Power contactor BF26
Contact characteristics			2. 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		А	45
Operational current le			
	AC-1 (≤40°C)	А	45
	AC-1 (≤55°C)	А	36
	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)	600) (
	230V	kW	7.3
	400V	kW	13
	415V 440V	kW	14
	440V 500V	kW kW	14 15.6
	690V	kW	18.5
Rated operational power AC-1 (T≤40°C)	0001		10.0
	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 $L/R \le 1$ ms 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	-0.11		20
	≤24V	A	28
	48V	A	28
	75V 110V	A	25 24
	110V	А	24



	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	А	25	
	110V	А	24	
	220V	А	26	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series				
	≤24V	А	18	
	48V	А	15	
	75V	А	13	
	110V	А	2	
	220V	А	_	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series				
	≤24V	А	20	
	48V	А	20	
	75V	А	18	
	110V	А	13	
	220V	А	3	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series				
•	≤24V	А	25	
	48V	А	25	
	75V	A	20	
	110V	A	18	
	220V	A	19	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series				
	≤24V	А	30	
	48V	A	30	
	75V	A	25	
	110V	A	20	
	220V	A	15	
Short-time allowable current for 10s (IEC/EN60947-1)		A	210	
Protection fuse				
	gG (IEC)	А	50	
	aM (IEC)	A	32	
Making capacity (RMS value)		A	260	
Breaking capacity at voltage				
στη στη του	440V	А	208	
	500V	A	184	
	690V	A	168	
Resistance per pole (average value)	0001	mΩ	2	
Power dissipation per pole (average value)		11132	2	
	lth	W	4	
	AC3	W	- 1.4	
Tightening torque for terminals	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	••		
	min	Nm	2.5	
	max	Nm	3	
	min	Ibin	3 1.8	
	max	Ibin	2.2	
Tightening torque for coil terminal	Παλ		<i>L.L</i>	
	min	Nm	0.8	
	max	Nm	0.0 1	
	min	Ibin	0.8	
	111111		0.0	



	max	Ibin	0.74
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			6
Flexible w/o lug conductor section	max		0
T lexible w/o lug conductor section	min	mm²	2.5
	max	mm²	16
Flexible c/w lug conductor section	max		
	min	mm²	1
	max	mm²	10
Flexible with insulated spade lug con-	ductor section		
	min	mm²	1
	max	mm²	10
Power terminal protection according to IEC/EN 60529			IP20 when
· ·			properly wired
Mechanical features			
Operating position			Vartical plan
	normal		Vertical plan ±30°
	allowable		±30 ⁺ Screw / DIN rail
Fixing			35mm
Weight		g	420
Conductor section		3	
AWG/kcmil conductor section			
	max		6
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	2000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating		N	400
Rated AC voltage at 60Hz AC operating voltage		V	460
of 60Hz coil powered at 60Hz			
pick-up			
μον-αρ	min	%Us	80
	max	%Us	110
drop-out			-
	min	%Us	20
	max	%Us	55
AC average coil consumption at 20°C			
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			

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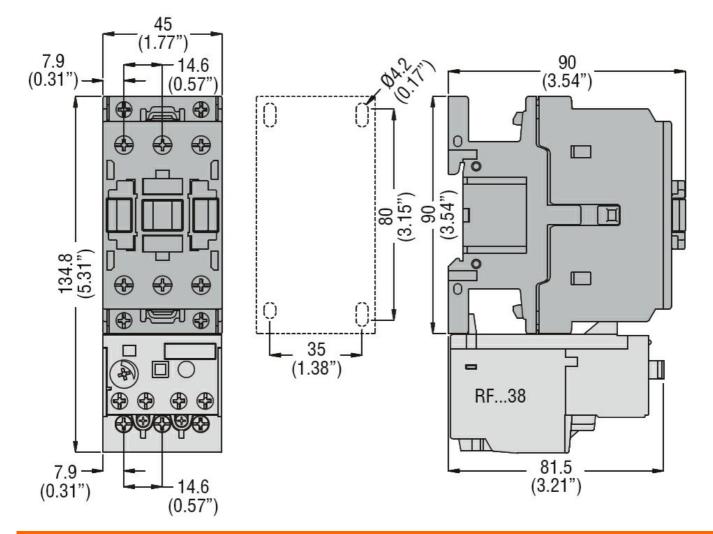


Average time for Us control				
in AC				
CI	losing NO			
		min	ms	8
		max	ms	24
O	pening NO			
		min	ms	5
		max	ms	15
CI	losing NC			0
		min	ms	9
Q	pening NC	max	ms	20
0	pening NC	min	ms	9
		max	ms	9 17
UL technical data		max	1113	
Full-load current (FLA) for three-phase AC motor				
· / ·		at 480V	А	21
		at 600V	А	22
Yielded mechanical performance				
for single-phase AC motor	r			
		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			^	45
Short aircuit protection fues 6001/		AC current	A	45
Short-circuit protection fuse, 600V				
High fault		Short circuit current	kA	100
		Fuse rating	A	100
		Fuse class	~	J
Standard fault		1 400 01400		~
		Short circuit current	kA	5
		Fuse rating	A	100
Ambient conditions				
Temperature				
Operating temperature				
		min	°C	-50
		max	°C	70
Storage temperature				
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protection				
Pollution degree				3
Dimensions				

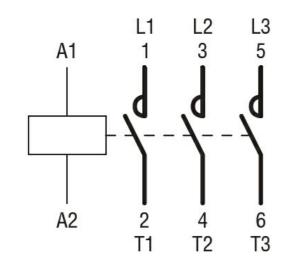
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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 460VAC



Wiring diagrams



Certifications and 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		

Compliance

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	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classificat	on	
		EC000066 -

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Power contactor, AC switching