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



Product designation Product type designation			Power contactor 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		Α	45
Operational current le			_
	AC-1 (≤40°C)	Α	45
	AC-1 (≤55°C)	Α	36
	AC-1 (≤70°C)	Α	32
	AC-3 (≤440V ≤55°C)	Α	26
	AC-4 (400V)	Α	11.5
Rated operational power AC-3 (T≤55°C)			
	230V	kW	7.3
	400V	kW	13
	415V	kW	14
	440V	kW	14
	500V	kW	15.6
	690V	kW	18.5
Rated operational power AC-1 (T≤40°C)			
	230V	kW	17
	400V	kW	30
	500V	kW	37
150 H. BOA WILL B. A. W. A. L. C.	690V	kW	51
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	-0.43.4		
	≤24V	A	25
	48V	A	21
	75V 110V	A	18
	220V	A A	6
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	220 V	A	
TEC max current le in DC i with E/N = mis with 2 poles in series	≤24V	۸	20
	≤24V 48V	A A	28 28
	75V	A	25 25
	110V	A	22
	220V	A	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	220 V		
120 max surrout to in 201 with 2/1 = 1ms with 5 poics in series	≤24V	Α	28
	48V	A	28
	75V	A	25
	110V	A	24
		- •	_ ·



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	220V	Α	20
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24
	220V	Α	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	Α	18
	48V	A	15
	75V	Α	13
	110V	A	2
	220V	A	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series	220 V		
TEC max current le in DC3-DC3 with E/N = 13ms with 2 poles in series	≤24V	Α	20
	48V	A	20
	75V	A	18
	110V	A	13
150 (1 ' D00 D05 ''' 1/D 1/5 ''' 0 ''' 1	220V	Α	3
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series		_	
	≤24V	Α	25
	48V	Α	25
	75V	Α	20
	110V	Α	18
	220V	Α	19
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series			
	≤24V	Α	30
	48V	Α	30
	75V	Α	25
	110V	Α	20
	220V	Α	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse			
	gG (IEC)	Α	50
	aM (IEC)	Α	32
Making capacity (RMS value)	·	Α	260
Breaking capacity at voltage			
5	440V	Α	208
	500V	A	184
	690V	A	168
Resistance per pole (average value)	330 V	mΩ	2
Power dissipation per pole (average value)		11122	
i owei dissipation pei pole (average value)	Ith	۱۸/	1
		W	4
Tightoning torque for torminals	AC-3	W	1.4
Tightening torque for terminals		N I.a.:	2.5
	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	lbin	0.8



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

Max number of other	nimultono quali, connectable	max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section	AWG/Kcmil			
	AWG/Rahiii	max		6
	Flexible w/o lug conductor section	max		
	. To his to the stag contactor coolies.	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 IP20 when
Power terminal protect	tion according to IEC/EN 60529			properly wired
Mechanical features				property whoa
Operating position				
. 51		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	426
Conductor section				
	AWG/kcmil conductor section			
		max		6
Operations				0000000
Mechanical life Electrical life			cycles	20000000 1600000
Safety related data			cycles	1600000
•	0d according to EN/ISO 13489-1			
	oa according to 214/100 To 100 T	rated load	cycles	1600000
	me	echanical load	cycles	20000000
Mirror contats accordi	ng to IEC/EN 609474-4-1		<u> </u>	yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 5	.0/60Hz		V	110
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up		0/116	0.0
			%Us	80
		min		110
	dron-out	max	%Us	110
	drop-out	max	%Us	
	drop-out			110 20 55
	drop-out of 50/60Hz coil powered at 60Hz	max min	%Us %Us	20
		max min	%Us %Us	20
	of 50/60Hz coil powered at 60Hz	max min	%Us %Us %Us	20 55 85
	of 50/60Hz coil powered at 60Hz pick-up	max min max	%Us %Us %Us	20 55
	of 50/60Hz coil powered at 60Hz	max min max min max	%Us %Us %Us %Us %Us	20 55 85 110
	of 50/60Hz coil powered at 60Hz pick-up	max min max min	%Us %Us %Us	20 55 85

of 50/60Hz coil powered at 50Hz



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 110VAC

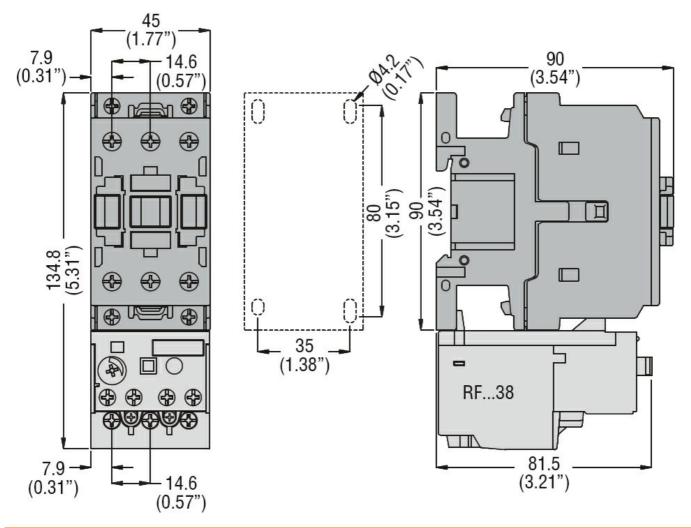
		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz	Tiolding	V/ (
	of 50/00F12 coil powered at 60F12	ماميرية من	١/٨	70
		in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz			
		in-rush	VA	75
		holding	VA	9
Dissipation at holding	≤20°C 50Hz		W	2.5
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times			0 9 0 10 0 7 1 1	0000
	ontrol			
Average time for Us of				
	in AC			
	Closing NO			
		min	ms	8
		max	ms	24
	Opening NO			
	, ,	min	ms	5
		max	ms	15
	Closing NC	max	5	. •
	Closing NO	min	ms	9
	0 · · · · · · · · NO	max	ms	20
	Opening NC	_		
		min	ms	9
		max	ms	17
UL technical data				
Full-load current (FLA)) for three-phase AC motor			
		at 480V	Α	21
		at 600V	Α	22
Yielded mechanical pe	erformance			
, , , , , , , , , , , , , , , , , , ,	for single-phase AC motor			
	Tot single phase to 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			
	233000	AC current	Α	45
Short circuit protection	o fuso 600\/	AO GUITEIR		-TU
Short-circuit protection				
	High fault	0 1		4.0.0
		Short circuit current	kA	100
		Fuse rating	Α	100
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	A	100
Ambient conditions		i doo rating	/\	
Temperature	Out of the terms of			
	Operating temperature		. .	
		min	°C	-50



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 50/60HZ, 110VAC

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

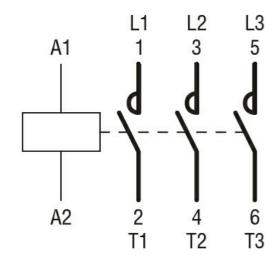
Dimensions



Wiring diagrams



ENERGY AND AUTOMATION



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