



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		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
-	690V	kW	51
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
	≤24V	Α	25
	48V	Α	21
	75V	Α	18
	110V	Α	6
150	220V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		_	
	≤24V	Α	28
	48V	A	28
	75V	A	25
	110V	A	22
IFC many assument to in DC4 with 1/D < 4 man with 2 malon in across	220V	A	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	-241	۸	20
	≤24V	A	28
	48V	A	28
	75V 110V	A	25 24
	1100	Α	4 4



	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



		max	Ibin	0.74
	imultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section	•		0.5
		min	mm²	2.5
	Florible a feet to a conductor continu	max	mm²	16
	Flexible c/w lug conductor section	min	mama ²	4
		min	mm² mm²	1 10
	Flexible with insulated spade lug conductor	max	111111	10
	riexible with insulated spade lug conductor	min	mm²	1
		max	mm²	10
		Παλ	111111	IP20 when
Power terminal protect	tion according to IEC/EN 60529			properly wired
Mechanical features				,
Operating position				
. 51		normal		Vertical plan
		allowable		±30°
ixing				Screw / DIN rail 35mm
Weight			g	424
Conductor section			9	· - ·
	AWG/kcmil conductor section			
	, tre e, termin continuoter coolien	max		6
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data				
Performance level B10	Od according to EN/ISO 13489-1			
		rated load	cycles	1600000
		mechanical load	cycles	20000000
Mirror contats according	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 5	0/60Hz		V	230
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out		0	
		min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz			
	pick-up	. •	0/11-	0.5
		min	%Us	85
	aluen euk	max	%Us	110
	drop-out	مناجيس	0/11-	20
		min	%Us	20 55
		max	%Us	

of 50/60Hz coil powered at 50Hz

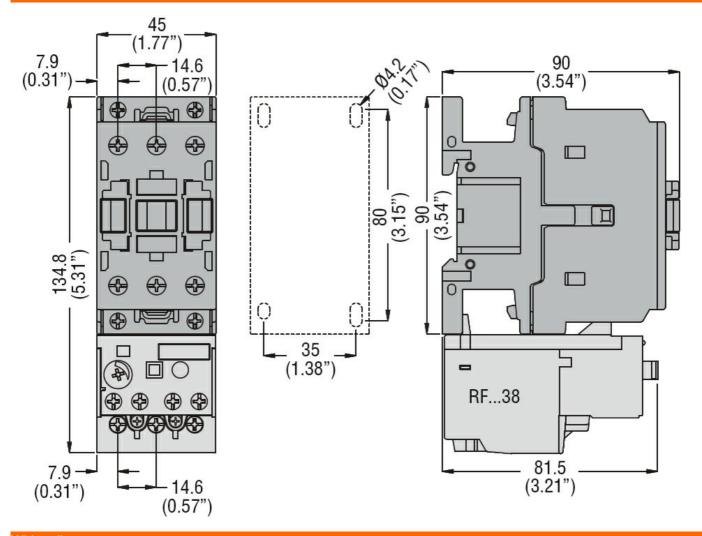


		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz	9		
	01 00/001 12 0011 poworod dt 001 12	in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz	riolaling	٧٨	0.0
	of doing coil powered at doing	in-rush	VA	75
Di	400°O FOLL	holding	VA	9
Dissipation at holding	\$20°C 50HZ		W	2.5
Max cycles frequency				2000
Mechanical operation			cycles/h	3600
Operating times				
Average time for Us co				
	in AC			
	Closing NO			
		min	ms	8
		max	ms	24
	Opening NO			
	· -	min	ms	5
		max	ms	15
	Closing NC			
	Ğ	min	ms	9
		max	ms	20
	Opening NC			
	opening rec	min	ms	9
		max	ms	17
UL technical data		max	1110	17
Of fechilical data				
	for three-phase AC motor			
	for three-phase AC motor	at 480V	Δ	21
	for three-phase AC motor	at 480V	Α	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	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	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	HP HP HP HP	22 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	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	HP HP HP HP	22 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	HP HP HP HP	22 5 7.5 7.5 15
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor	at 600V 110/120V 230V 200/208V 220/230V 460/480V	HP HP HP HP	22 5 7.5 7.5 15
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP HP	22 5 7.5 7.5 15 20
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP HP	22 5 7.5 7.5 15 20
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V	HP HP HP HP HP	22 5 7.5 7.5 15 20
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP HP	22 5 7.5 7.5 15 20
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating	HP HP HP HP HP	22 5 7.5 7.5 15 20 45
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current	HP HP HP HP HP	22 5 7.5 7.5 15 20 45
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	HP HP HP HP HP	22 2 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical pe	for single-phase AC motor for three-phase AC motor Contactor 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	HP HP HP HP HP KA	22 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical pe General USE Short-circuit protection	for single-phase AC motor for three-phase AC motor Contactor fuse, 600V High fault	at 600V 110/120V 230V 200/208V 220/230V 460/480V 575/600V AC current Fuse rating Fuse class	HP HP HP HP HP	22 2 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical pe General USE Short-circuit protection Ambient conditions	for single-phase AC motor for three-phase AC motor Contactor 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	HP HP HP HP HP KA	22 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical pe General USE Short-circuit protection	for single-phase AC motor for three-phase AC motor Contactor 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	HP HP HP HP HP KA	22 5 7.5 7.5 15 20 45 100 100 J
Full-load current (FLA) Yielded mechanical pe General USE Short-circuit protection Ambient conditions	for single-phase AC motor for three-phase AC motor Contactor 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	HP HP HP HP HP KA	22 5 7.5 7.5 15 20 45 100 100 J



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

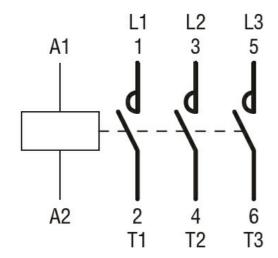
Dimensions



Wiring diagrams

ENERGY AND AUTOMATION

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



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