



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		K V	
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	max	A	45
Operational current le			
Operational outlett to	AC-1 (≤40°C)	Α	45
	AC-1 (≤55°C)	A	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)	710 1 (1001)	- , ,	11.0
Traised operational power rice of (1=00 o)	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)			
(= 13 G)	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
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	22
	220V	Α	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 12VDC

	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 L/K = 13ms with 2 poles in series	≤24V	۸	20
		A	20
	48V	A	20
	75V	A	18
	110V	A	13
-	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		,,	200
	440V	Α	208
	500V	A	184
	690V	A	168
Posietance per pole (average value)	090 v	mΩ	2
Resistance per pole (average value)		11177	۷
Power dissipation per pole (average value)	141	107	4
	Ith	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	lbin	0.8



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 12VDC

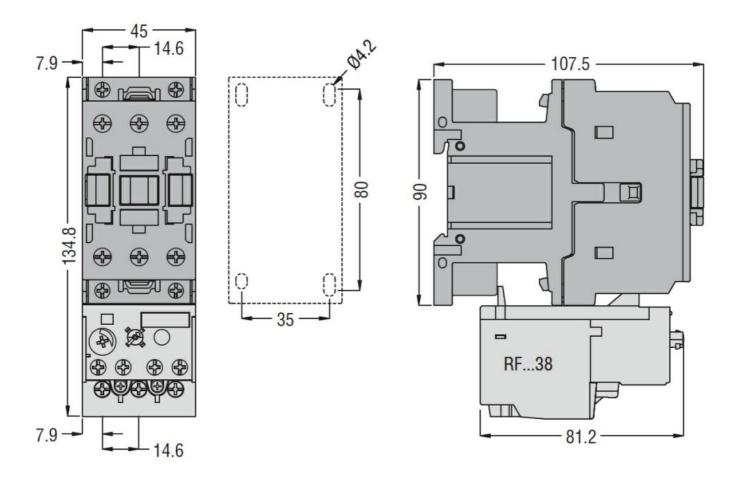
		max	Ibin	0.74
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section		•	
		min	mm²	2.5
	FI 21 / 1 / 2	max	mm²	16
	Flexible c/w lug conductor section		2	4
		min	mm²	1
	Clavible with insulated and deliver and vater coation	max	mm²	10
	Flexible with insulated spade lug conductor section	min	mm²	1
		min	mm²	10
		max	111111	IP20 when
Power terminal protect	tion according to IEC/EN 60529			properly wired
Mechanical features				Fighori, milou
Operating position				
operaning promoti		normal		Vertical plan
		allowable		±30°
F				Screw / DIN rail
Fixing				35mm
Weight			g	560
Conductor section				
	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
		nanical load	cycles	20000000
	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
DC coil operating				
DC rated control volta	ge		V	12
DC operating voltage				
	pick-up		0/17	70
		min	%Us	70
	To a contract of the contract	max	%Us	125
	drop-out		0/11-	40
		min	%Us	10
A	tion <20°C	max	%Us	40
Average coil consump	DUON ≥20°C	المناسية	۱۸/	ΕΛ
		in-rush	W	5.4
May avalag fraguency		holding	W	5.4
Max cycles frequency			0.40 00	2600
Mechanical operation			cycles/h	J000
Operating times	ontrol			
Average time for Us c				
	in AC			



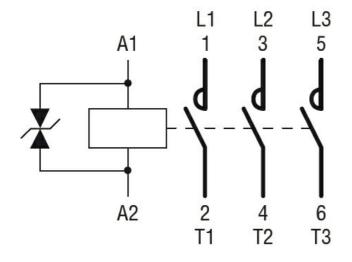
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 12VDC

			min	ms	8
			max	ms	24
		Opening NO	max		
		oponing ito	min	ms	5
			max	ms	15
		Closing NC	max	1113	10
		Olosing No	min	ms	9
			max	ms	20
		Opening NC	IIIax	1115	20
		Opening NC	min	mc	9
			min	ms	
	:- DO		max	ms	17
	in DC	Olassia a NO			
		Closing NO			5 4
			min	ms	54
		0 1 110	max	ms	66
		Opening NO			
			min	ms	14
			max	ms	17
UL technical data					
Full-load current (FLA) for three-phase A	C motor			
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe	erformance				
	for single-phase	AC motor			
			110/120V	HP	2
			230V	HP	5
	for three-phase A	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 protection	n 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			. 430 144119	,	
Temperature				_	
· omporataro	Operating tempe	rature			
	Operating tempe	iataio	min	°C	-50
			max	°C	-30 70
	Storogo tompore	turo	IIIaX	C	10
	Storage tempera	luie		°C	60
			min	°C	-60
May altitude			max	°C	80
Max altitude	A10			m	3000
Resistance & Protecti	on				
Pollution degree					3
Dimensions [mm (in)]					





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



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 12VDC

cULus			
FΔC			

ETIM classification

ETIM 8.0





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		Α	45
Operational current le			
•	AC-1 (≤40°C)	Α	45
	AC-1 (≤55°C)	A	36
	AC-1 (≤70°C)	A	32
	≤440V ≤55°C)	A	26
A0-3 (-	AC-4 (400V)	A	11.5
Rated operational power AC-3 (T≤55°C)	AC-4 (400V)		11.5
Rated operational power AC-3 (1505 C)	2201/	LAAZ	7.0
	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
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	22
	220V	Α	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
·	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 24VDC

	220V	Α	20
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24
	220V	Α	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	Α	18
	48V	Α	15
	75V	Α	13
	110V	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 L/K = 13ms with 2 poles in series	≤24V	۸	20
		A	20
	48V	A	20
	75V	A	18
	110V	A	13
-	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		,,	200
	440V	Α	208
	500V	A	184
	690V	A	168
Posietance per pole (average value)	090 v	mΩ	2
Resistance per pole (average value)		11177	۷
Power dissipation per pole (average value)	141	107	4
	Ith	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	lbin	0.8



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 24VDC

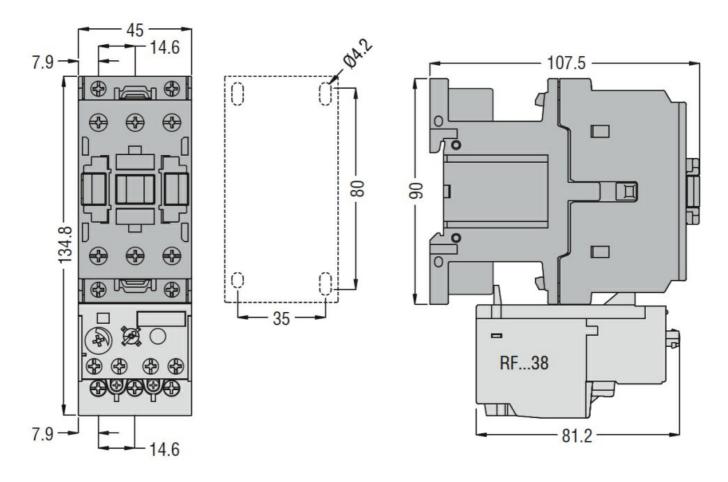
	max	lbin	0.74
simultaneously connectable		Nr.	2
AWG/Kcmil			
	max		6
Flexible w/o lug conductor section		2	0.5
			2.5
Florible of ulug conductor coefficia	max	mm-	16
Flexible C/W lug conductor section	min	mm²	1
			10
Flexible with insulated spade lug conductor section	Пах	111111	10
Tiexible with insulated space tag conductor section	min	mm²	1
			10
ation according to IEO/EN COFOO			IP20 when
ction according to IEC/EN 60529			properly wired
1	normal		Vertical plan
alk	owable		±30°
			Screw / DIN rail 35mm
		g	556
AWG/kcmil conductor section			
	max		6
			20000000
		cycles	1600000
10 Lancas Para (a FN//00 40400 4			
	لممملاء	avalaa	400000
	ed load	•	1600000
machania	امماله	01/0100	20000000
mechanic	al load	cycles	20000000
ling to IEC/EN 609474-4-1	al load	cycles	yes
	al load	cycles	
ling to IEC/EN 609474-4-1	al load		yes yes
ling to IEC/EN 609474-4-1	al load	cycles V	yes
age	al load		yes yes
ling to IEC/EN 609474-4-1		V	yes yes 24
age	min	V %Us	yes yes 24
age pick-up		V	yes yes 24
age	min max	V %Us %Us	yes yes 24 70 125
age pick-up	min	V %Us	yes yes 24
age pick-up	min max min	V %Us %Us %Us	yes yes 24 70 125
age pick-up drop-out ption ≤20°C	min max min	V %Us %Us %Us	yes yes 24 70 125
age pick-up drop-out ption ≤20°C	min max min max	V %Us %Us %Us %Us %Us	yes yes 24 70 125 10 40
age pick-up drop-out ption ≤20°C	min max min max in-rush	V %Us %Us %Us %Us %Us	yes yes 24 70 125 10 40
age pick-up drop-out ption ≤20°C	min max min max in-rush	V %Us %Us %Us %Us W W	yes yes 24 70 125 10 40
age pick-up drop-out ption ≤20°C	min max min max in-rush	V %Us %Us %Us %Us W W	yes yes 24 70 125 10 40 5.4 5.4
age pick-up drop-out ption ≤20°C	min max min max in-rush	V %Us %Us %Us %Us W W	yes yes 24 70 125 10 40 5.4 5.4
	AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section Flexible with insulated spade lug conductor section ction according to IEC/EN 60529 alla AWG/kcmil conductor section	AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section Flexible with insulated spade lug conductor section Flexible with insulated spade lug conductor section min max Flexible with insulated spade lug conductor section min max ction according to IEC/EN 60529 AWG/kcmil conductor section max I od according to EN/ISO 13489-1 rated load	AWG/Kcmil Flexible w/o lug conductor section Flexible c/w lug conductor section Flexible with insulated spade lug conductor section Flexible with insulated spade lug conductor section min mm² max mm² Flexible with insulated spade lug conductor section min mm² max mm² ction according to IEC/EN 60529 AWG/kcmil conductor section g AWG/kcmil conductor section max cycles cycles lod according to EN/ISO 13489-1



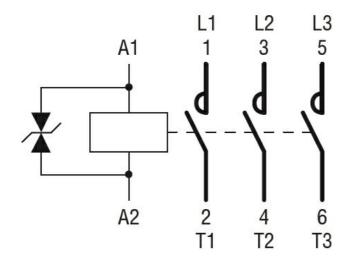
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 24VDC

			min	ms	8
					24
		Onanina NO	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
	in DC				
		Closing NO			
		5.55 .	min	ms	54
			max	ms	66
		Opening NO	max	1113	00
		Opening NO	main	mo	1.4
			min	ms	14
			max	ms	17
UL technical data					
Full-load current (FLA)	tor three-phase AC	motor			
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe	erformance				
	for single-phase A	AC motor			
	5 1		110/120V	HP	2
			230V	HP	_ 5
	for three-phase A	C motor	2001	• • • •	
	ioi tillee-pilase A	Ciliotoi	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 protection	fuse, 600V				
·	High fault				
	9		Short circuit current	kA	100
			Fuse rating	A	100
			Fuse class	, ,	J
	Standard fault		1 435 61435		<u> </u>
	Stanuaru idult		Chart aireadt access (1. 1	E
			Short circuit current	kA	5
			Fuse rating	Α	100
Ambient conditions					
Temperature					
	Operating temperating	ature			
			min	°C	-50
			max	°C	70
	Storage temperate	ure			_
	G		min	°C	-60
			max	°C	80
Max altitude			Παλ	 	3000
	n			111	3000
Resistance & Protection	лг				
Pollution degree					3
Dimensions [mm (in)]					





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



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 24VDC

cULus			
EAC			

ETIM classification

ETIM 8.0





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		K V	
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	max	A	45
Operational current le			
Operational outlett to	AC-1 (≤40°C)	Α	45
	AC-1 (≤55°C)	A	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)	710 1 (1001)	- , ,	11.0
Traised operational power rice of (1=00 o)	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)			
(= 13 G)	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
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	22
	220V	Α	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 48VDC

	220V	Α	20
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24
	220V	Α	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	Α	18
	48V	Α	15
	75V	A	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 L/K = 13ms with 2 poles in series	≤24V	۸	20
		A	20
	48V	A	20
	75V	A	18
	110V	A	13
-	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		,,	200
	440V	Α	208
	500V	A	184
	690V	A	168
Posietance per pole (average value)	090 v	mΩ	2
Resistance per pole (average value)		11177	۷
Power dissipation per pole (average value)	141	107	4
	Ith	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	lbin	0.8



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 48VDC

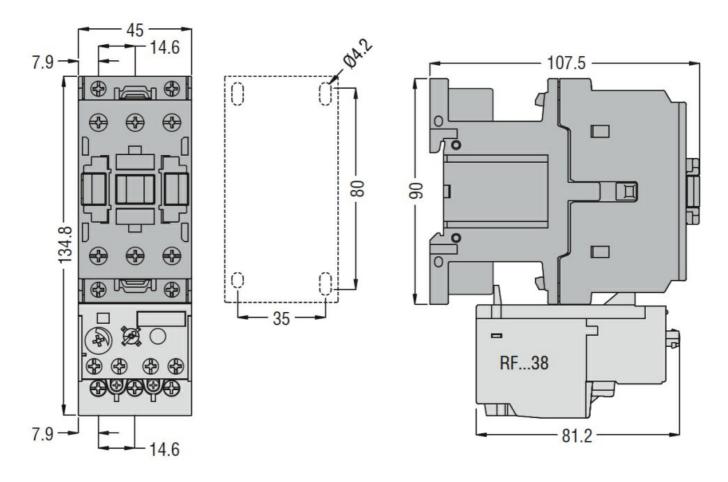
		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section		2	
		min	mm²	2.5
	<u> </u>	max	mm²	16
	Flexible c/w lug conductor section		2	4
		min	mm²	1
	Florible with insulated and delivered obtains a stirr	max	mm²	10
	Flexible with insulated spade lug conductor section		2	4
		min	mm²	1
		max	mm²	10
ower terminal prote	ction according to IEC/EN 60529			IP20 when
Mechanical features				properly wired
Operating position		normal		Vortical plan
		normal		Vertical plan ±30°
		allowable		Screw / DIN rail
ixing				35mm
Veight			α	560
Conductor section			g	300
Conductor Section	AWG/kcmil conductor section			
	AVVG/Remiii conductor section	may		6
Operations		max		U
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data			Cycles	1600000
•	10d according to EN/ISO 13489-1			
enormance level b	Tod according to E1/13O 13469-1	rated load	ovoloo	1600000
	maal	nanical load	cycles	2000000
Airror contata accord	ling to IEC/EN 609474-4-1	ianicai ioau	cycles	
	IIII to IEC/EN 609474-4-1			yes
MC compatibility				yes
OC roted control voltage			\/	40
OC rated control volta			V	48
OC operating voltage				
	pick-up		0/11-	70
		min	%Us	70
	deep out	max	%Us	125
	drop-out		0/11-	10
		min	%Us	10
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	mtion <20°C	max	%Us	40
verage coil consum	puon ≤20°C		147	F 4
		in-rush	W	5.4
		holding	W	5.4
Max cycles frequency				0000
Mechanical operation			cycles/h	3600
perating times				
verage time for Us				
	in AC			



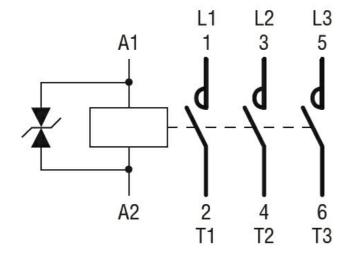
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 48VDC

			min	ms	8
					24
		Onanina NO	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
	in DC				
		Closing NO			
		5.55 .	min	ms	54
			max	ms	66
		Opening NO	max	1113	00
		Opening NO	main	mo	1.4
			min	ms	14
			max	ms	17
UL technical data					
Full-load current (FLA)	tor three-phase AC	motor			
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe	erformance				
	for single-phase A	AC motor			
	5 1		110/120V	HP	2
			230V	HP	_ 5
	for three-phase A	C motor	2001	• • • •	
	ioi tillee-pilase A	Ciliotoi	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 protection	fuse, 600V				
·	High fault				
	9		Short circuit current	kA	100
			Fuse rating	A	100
			Fuse class	, ,	J
	Standard fault		1 435 61435		<u> </u>
	Stanuaru idult		Chart aireadt access (1. 1	E
			Short circuit current	kA	5
			Fuse rating	Α	100
Ambient conditions					
Temperature					
	Operating temperating	ature			
			min	°C	-50
			max	°C	70
	Storage temperate	ure			_
	G		min	°C	-60
			max	°C	80
Max altitude			Παλ	 	3000
	n			111	3000
Resistance & Protection	лг				
Pollution degree					3
Dimensions [mm (in)]					





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



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 48VDC

cULus			
EAC			

ETIM classification

ETIM 8.0





Section Sec	Product designation Product type designation			Power contactor BF26
Number of poles				2. 20
Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 Operational frequency min Hz 25 imax Hz 400 IEC Conventional free air thermal current lth A 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) 230V kW 7.3 400V kW 13 415V kW 14 444V kW 14 444V kW 14 444V kW 15.6 690V kW 15.6 690V kW 15.6 690V kW 15.0 690V			Nr.	3
Rated impulse withstand voltage Uimp			V	690
The propertional frequency The propertional current let			kV	6
IEC Conventional free air thermal current Ith				
EC Conventional free air thermal current Ith		min	Hz	25
AC-1 (≤40°C)		max	Hz	400
AC-1 (≤40°C)	IEC Conventional free air thermal current Ith		Α	45
AC-1 (≤55°C) A 36 AC-1 (≤70°C) A 22 AC-3 (≤440V ≤55°C) A 26 AC-4 (400V) A 11.5 Rated operational power AC-3 (T≤55°C) Rated operational power AC-3 (T≤55°C) 230V kW 7.3 400V kW 13 415V kW 14 440V kW 14 500V kW 15.6 690V kW 18.5 Rated operational power AC-1 (T≤40°C) 230V kW 17 400V kW 30 500V kW 37 690V kW 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 25 48V A 21 75V A 18 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 28 48V A 28 75V A 28 48V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	Operational current le			
AC-1 (≤70°C) A 32 AC-3 (≤440V ≤55°C) A 26 AC-4 (400V) A 11.5 Rated operational power AC-3 (T≤55°C) 230V kW 7.3 400V kW 13 415V kW 14 440V kW 14 500V kW 15.6 690V kW 18.5 Rated operational power AC-1 (T≤40°C) 230V kW 17 400V kW 30 500V kW 37 699V kW 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 25 48V A 21 75V A 18 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 28 48V A 28 75V A 28 48V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 22 220V A 2		AC-1 (≤40°C)	Α	45
AC-3 (≤440V ≤55°C) A 26 AC-4 (400V) A 11.5 Rated operational power AC-3 (T≤55°C) 230V kW 7.3 400V kW 13 415V kW 14 440V kW 14 500V kW 15.6 690V kW 15.5 690V kW 30 500V kW 37 690V kW 37 690V kW 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 25 48V A 25 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 28 48V A 28 75V A 28 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		AC-1 (≤55°C)	Α	36
AC-4 (400V)			Α	32
Rated operational power AC-3 (T≤55°C) 230V kW 7.3 400V kW 13 415V kW 14 440V kW 14 500V kW 15.6 690V kW 18.5 Rated operational power AC-1 (T≤40°C) 230V kW 17 400V kW 30 500V kW 37 690V kW 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 25 48V A 21 75V A 18 110V A 6 220V A 2 110V A 28 48V A 28 48V A 28 48V A 28 75V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		AC-3 (≤440V ≤55°C)	Α	26
230V kW 7.3 400V kW 13 415V kW 14 440V kW 14 440V kW 14 500V kW 15.6 690V kW 18.5 8 690V kW 30 500V kW 30 500V kW 37 690V kW 51 8 600V kW 51 8 600V kW 51 690V kW 51		AC-4 (400V)	Α	11.5
A00V kW 13 415V kW 14 440V kW 14 500V kW 15.6 690V kW 15.5 690V kW 30 500V kW 37 690V kW 37 690V kW 51 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	Rated operational power AC-3 (T≤55°C)			
415V kW 14 440V kW 14 500V kW 15.6 690V kW 15.6 690V kW 18.5		230V	kW	7.3
A440V kW 14 500V kW 15.6 690V kW 18.5		400V	kW	13
Soov kW 15.6		415V	kW	14
Rated operational power AC-1 (T≤40°C) 230V kW 17 400V kW 30 500V kW 37 690V kW 51		440V	kW	14
Rated operational power AC-1 (T≤40°C) 230V kW 17 400V kW 30 500V kW 37 690V kW 51 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 25 48V A 21 75V A 18 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 25 110V A 25 110V A 22 220V A 2 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25 110V A 22 220V A 2				
		690V	kW	18.5
	Rated operational power AC-1 (T≤40°C)			
Soov kW 37 690V kW 51				
EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V				
Section Sec				
		690V	kW	51
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
T5V				
110V A 6 220V A -				
EC max current le in DC1 with L/R \leq 1ms with 2 poles in series \leq 24V A 28 48V A 28 75V A 25 110V A 22 220V A 2				
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V			_	6
	150 H. J. BOA W. J. B. J.	220V	Α	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		_	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 28 48V A 28 75V A 25				
≤24V A 28 48V A 28 75V A 25	IFO i- DOA with 1/D < 4 with 21 ii-	220V	Α	
48V A 28 75V A 25	IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	40.417	Δ.	20
75V A 25				
110V A 24				
		1100	Α	∠4



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

	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	220 V		
120 max current to in 200-200 with 2/10 2 forms with 1 poics in series	≤24V	Α	18
	≤24V 48V	A	
			15
	75V	A	13
	110V	Α	2
	220V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	≤24V	Α	20
	48V	Α	20
	75V	Α	18
	110V	Α	13
	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	A	19
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	220 V		10
120 max current le in 200-2003 with E/N 3 10m3 with 4 poles in series	≤24V	Α	30
	48V	A	30
	75V	A	
			25
	110V	A	20
01 47 11 11 40 (150/5100047.4)	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse	a (1= a)	_	
	gG (IEC)	Α	50
	aM (IEC)	Α	32
Making capacity (RMS value)		Α	260
Breaking capacity at voltage			
	440V	Α	208
	500V	Α	184
	690V	Α	168
Resistance per pole (average value)		mΩ	2
Power dissipation per pole (average value)			
,	lth	W	4
	AC3	W	1.4
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	Ibin	1.8
Tightoning targue for call tarminal	max	Ibin	2.2
Tightening torque for coil terminal		N 1 .	0.0
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.8



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

		max	Ibin	0.74
Max number of wires	simultaneously connectable		Nr.	2
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			
		min	mm²	1
		max	mm²	10
Power terminal protect	ction according to IEC/EN 60529			IP20 when
•	<u> </u>			properly wired
Mechanical features				
Operating position				Vortical plan
		normal		Vertical plan
		allowable		±30° Screw / DIN rail
Fixing				35mm
Weight			α	560
Conductor section			g	300
Conductor Section	AWG/kcmil conductor section			
	AVVG/RCITIII COTIQUETOT Section	may		6
Operations		max		O
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data			cycles	1000000
•	0d according to EN/ISO 13489-1			
r enomiance level bi	od according to EN/130 13469-1	rated load	cycles	1600000
	made	nanical load	•	2000000
Mirror contato cocordi		ianicai ioau	cycles	
	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
DC coil operating	20		V	60
DC rated control volta DC operating voltage	y c		V	60
DC operating voltage	minte um			
	pick-up	mi-	0/116	70
		min	%Us	70
	drop out	max	%Us	125
	drop-out		0/11-	4.0
		min	%Us	10
A.v	ation 200°C	max	%Us	40
Average coil consump	DUON ≥ZU*C	ta	147	F 4
		in-rush	W	5.4
		holding	W	5.4
Max cycles frequency			, ,	2000
Mechanical operation			cycles/h	3600
Operating times				
Average time for Us c				
	in AC			

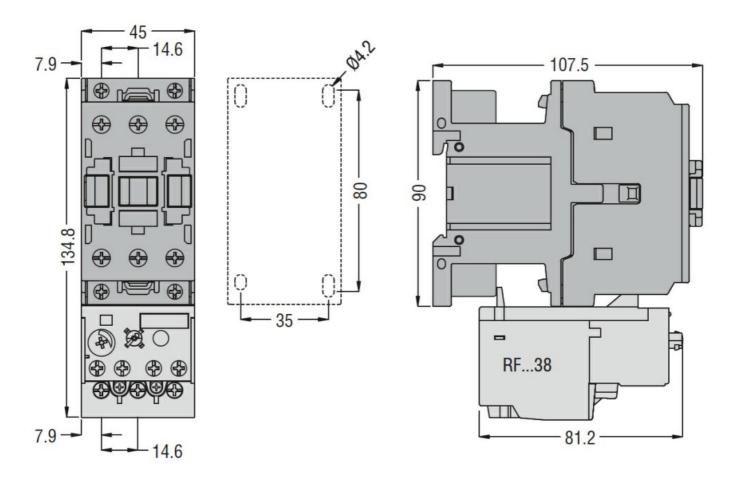




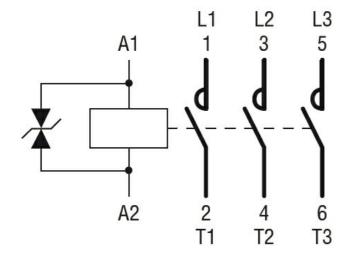
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 60VDC

			min	ms	8
					24
		Onanina NO	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
	in DC				
		Closing NO			
		5.55 .	min	ms	54
			max	ms	66
		Opening NO	max	1113	00
		Opening NO	main	mo	1.4
			min	ms	14
			max	ms	17
UL technical data					
Full-load current (FLA)	tor three-phase AC	motor			
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe	erformance				
	for single-phase A	AC motor			
	5 1		110/120V	HP	2
			230V	HP	_ 5
	for three-phase A	C motor	2001	• • • •	
	ioi tillee-pilase A	Ciliotoi	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 protection	fuse, 600V				
·	High fault				
	9		Short circuit current	kA	100
			Fuse rating	A	100
			Fuse class	, ,	J
	Standard fault		1 435 61435		<u> </u>
	Stanuaru idult		Chart aireadt access (1. 1	E
			Short circuit current	kA	5
			Fuse rating	Α	100
Ambient conditions					
Temperature					
	Operating temperating	ature			
			min	°C	-50
			max	°C	70
	Storage temperate	ure			_
	G		min	°C	-60
			max	°C	80
Max altitude			Παλ	 	3000
	n			111	3000
Resistance & Protection	лг				
Pollution degree					3
Dimensions [mm (in)]					





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



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

cULus			
EAC			

ETIM classification

ETIM 8.0





min H max H 440°C) A 555°C) A 70°C) A 400V) A 230V k 400V k	Hz 25 Hz 400 A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
min H max H 440°C) A 555°C) A 70°C) A 400V) A 230V k 400V k	V 690 V 6 Hz 25 Hz 400 A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
min H max H 440°C) A 555°C) A 70°C) A 400V) A 230V k 400V k	V 690 V 6 Hz 25 Hz 400 A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
min H max H 440°C) A 555°C) A 70°C) A 555°C) A 400V) A 400V kV	V 6 Hz 25 Hz 400 A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
min H max H £40°C) # £55°C) # £70°C) # £55°C) # £400V) # 230V k\ 400V k\	Hz 25 Hz 400 A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
max H (40°C) A (555°C) A (570°C) A (400V) A (230V k) 400V k)	45 400 A 45 A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
max H (40°C) A (555°C) A (570°C) A (400V) A (230V k) 400V k)	45 400 A 45 A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
\$40°C)	A 45 A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
\$40°C)	A 45 A 36 A 32 A 26 A 11.5 W 7.3 W 13
\$55°C)	A 36 A 32 A 26 A 11.5 W 7.3 W 13
\$55°C)	A 36 A 32 A 26 A 11.5 W 7.3 W 13
230V kV	A 32 A 26 A 11.5 W 7.3 W 13
230V kV 400V kV	A 26 A 11.5 W 7.3 W 13
230V k\ 400V k\	A 11.5 W 7.3 W 13
230V k\ 400V k\	W 7.3 W 13
400V k\	W 13
400V k\	W 13
415V k\	W 14
440V k\	
500V k\	
690V k\	
230V k\	W 17
400V k\	
≤24V A	A 25
	A 21
75V A	A 18
110V A	A 6
220V A	Α –
≤24V A	A 28
48V A	A 28
75V A	A 25
110V A	A 22
220V A	A 2
≤24V A	A 28
	A 28
75V A	A 25
	A 24
	500V k 690V k 690V k 690V k ≤24V





THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 110VDC

	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	A	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 L/K = 13ms with 2 poles in series	≤24V	۸	20
		A	20
	48V	A	20
	75V	A	18
	110V	A	13
-	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		,,	200
	440V	Α	208
	500V	A	184
	690V	A	168
Posietance per pole (average value)	090 v	mΩ	2
Resistance per pole (average value)		11177	۷
Power dissipation per pole (average value)	141	107	4
	Ith	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	lbin	0.8



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 110VDC

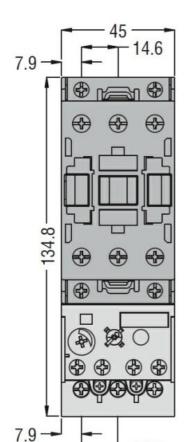
		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		6
	Flexible w/o lug conductor section			
		min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section		2	
		min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug cond		2	
		min	mm²	1
		max	mm²	10
Power terminal protec	ction according to IEC/EN 60529			IP20 when properly wired
Mechanical features				
Operating position				Vartical slas
		normal		Vertical plan ±30°
		allowable		Screw / DIN rail
Fixing				35mm
Weight			g	560
Conductor section			<u> </u>	300
Johnacioi Section	AWG/kcmil conductor section			
	AVVG/RCITIII CONductor Section	may		6
Operations		max		U
Mechanical life			cycloc	20000000
Electrical life			cycles	
			cycles	1600000
Safety related data	0d according to FN/ISO 12490 1			
Periormance level bi	0d according to EN/ISO 13489-1	note d le c d	avalaa	100000
		rated load	cycles	1600000
A'		mechanical load	cycles	2000000
	ing to IEC/EN 609474-4-1			yes
EMC compatibility				yes
OC coil operating			17	110
OC rated control volta	ge		V	110
OC operating voltage				
	pick-up			
		min	%Us	70
	-	max	%Us	125
	drop-out			
		min	%Us	10
		max	%Us	40
Average coil consump	otion ≤20°C			
		in-rush	W	5.4
		holding	W	5.4
Max cycles frequency				
Max cycles frequency Mechanical operation			cycles/h	3600
Mechanical operation Operating times			cycles/h	3600
Mechanical operation			cycles/h	3600

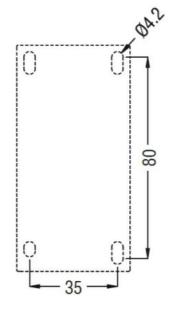


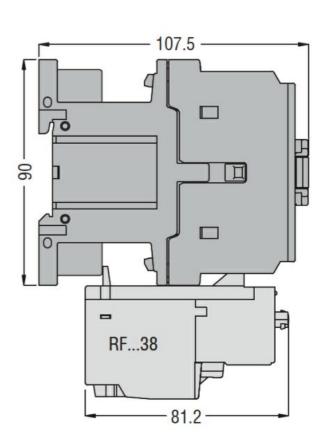
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 110VDC

			min	ms	8
			max	ms	24
	Openi	ing NO			
			min	ms	5
			max	ms	15
	Closir	ng NC			
			min	ms	9
			max	ms	20
	Open	ing NC			
			min	ms	9
			max	ms	17
	in DC				
	Closir	ng NO			
			min	ms	54
			max	ms	66
	Openi	ing NO			
			min	ms	14
			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	rformance				
	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 protection	fuse, 600V				
-	High fault				
	-		Short circuit current	kA	100
			Fuse rating	Α	100
			Fuse class		J
	Standard fault				
			Short circuit current	kA	5
			Fuse rating	Α	100
Ambient conditions					
Temperature					
	Operating temperature				
			min	°C	-50
			max	°C	70
	Storage temperature				_
			min	°C	-60
			max	°C	80
Max altitude			 -	m	3000
Resistance & Protection	on				
Pollution degree					3
Dimensions [mm (in)]					

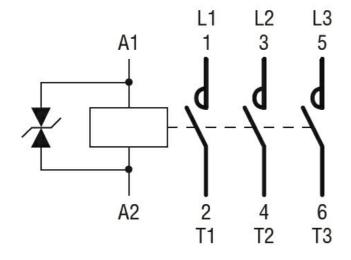








Wiring diagrams



14.6

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



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 110VDC

cULus			
EAC			

ETIM classification

ETIM 8.0





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			
operational nequency	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)	(,		
There are the second of the se	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)			
1 1 - (7)	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
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
·	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	22
	220V	Α	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			_
·	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 125VDC

	220V	Α	20
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24
	220V	Α	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	Α	18
	48V	Α	15
	75V	Α	13
	110V	A	2
	220V	Α	_
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 L/K = 13ms with 2 poles in series	≤24V	Α	20
	48V	A	20
	75V	A	18
	110V	A	13
-	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		,,	200
	440V	Α	208
	500V	A	184
	690V	A	168
Posietance per pole (average value)	090 v	mΩ	2
Resistance per pole (average value)		11177	۷
Power dissipation per pole (average value)	141	107	4
	Ith	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	lbin	0.8



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 125VDC

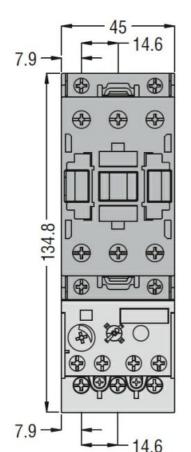
		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			_
		max		6
	Flexible w/o lug conductor section		2	
		min	mm²	2.5
	FI 21 / 1 / 2	max	mm²	16
	Flexible c/w lug conductor section		2	4
		min	mm²	1
	FI 21 22 1 4 1 1 1 1 2 2	max	mm²	10
	Flexible with insulated spade lug conductor section		2	4
		min	mm²	1
		max	mm²	10
ower terminal protect	ction according to IEC/EN 60529			IP20 when
•				properly wired
Mechanical features				
Operating position				\/autic=1=1=
		ormal		Vertical plan
	allov	vable		±30°
ixing				Screw / DIN rail 35mm
Veight			~	560
Conductor section			g	300
conductor section	ANA/C/Iromail conductor continu			
	AWG/kcmil conductor section			0
)		max		6
Operations			evelee.	20000000
Mechanical life			cycles	20000000
lectrical life			cycles	1600000
Safety related data	40-ddia n to EN//00 40400 4			
Performance level B	10d according to EN/ISO 13489-1	1		4000000
	rated		cycles	1600000
P	mechanical	ioad	cycles	20000000
	ling to IEC/EN 609474-4-1			yes
MC compatibility				yes
OC coil operating				105
OC rated control volta			V	125
OC operating voltage				
	pick-up			
		min	%Us	70
		max	%Us	125
	drop-out			
		min	%Us	10
		max	%Us	40
verage coil consum	•			
		-rush	W	5.4
		lding	W	5.4
lax cycles frequency				
lechanical operation			cycles/h	3600
Operating times				
verage time for Us o	control			
	in AC			

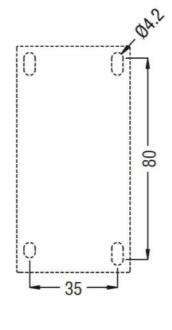


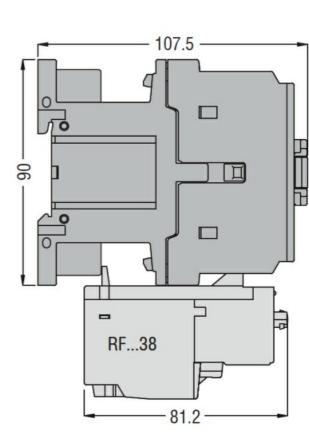
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 125VDC

			min	ms	8
			max	ms	24
	Open	ning NO			
			min	ms	5
			max	ms	15
	Closii	ng NC			
			min	ms	9
			max	ms	20
	Open	ning NC			
			min	ms	9
			max	ms	17
	in DC				
	Closii	ng NO			
			min	ms	54
			max	ms	66
	Open	ning NO			
			min	ms	14
			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	rformance				_
	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 protection	fuse, 600V				
·	High fault				
	-		Short circuit current	kA	100
			Fuse rating	Α	100
			Fuse class		J
	Standard fault				_
			Short circuit current	kA	5
			Fuse rating	Α	100
Ambient conditions					
Temperature					
-	Operating temperature				
			min	°C	-50
			max	°C	70
	Storage temperature		-		
	,		min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protection	on				
Pollution degree					3
Dimensions [mm (in)]					

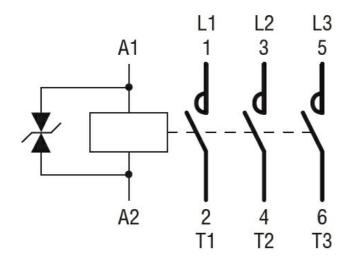








Wiring diagrams



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



ENERGY AND AUTOMATION

BF2600D125

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 125VDC

cULus			
FAC			

ETIM classification

ETIM 8.0





Product designation Product type designation			Power contactor BF26
Contact characteristics			BF20
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		IX V	
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	IIIdX	A	45
Operational current le			
Operational current le	AC-1 (≤40°C)	Α	45
	AC-1 (≤55°C)	A	36
	AC-1 (≤33°C) AC-1 (≤70°C)	A	32
	AC-1 (≤70 C) AC-3 (≤440V ≤55°C)	A	26
	AC-3 (3440V 333 C) AC-4 (400V)	A	11.5
Rated operational power AC-3 (T≤55°C)	AO-4 (400V)		11.0
Nated operational power AC-3 (1233 C)	230V	kW	7.3
	400V	kW	7.3 13
	415V	kW	14
	440V	kW	14
	500V 690V	kW kW	15.6 18.5
Detect energianal newer AC 1 (T<10°C)	090 V	KVV	10.0
Rated operational power AC-1 (T≤40°C)	2201/	LAAZ	47
	230V	kW	17
	400V	kW	30
	500V 690V	kW kW	37 51
IFC many assument to its DC4 with L/D < 4 man with 4 males in agriculture	090 V	KVV	31
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	<0.417	۸	25
	≤24V	A	25
	48V	A	21
	75V	A	18
	110V	A	6
IFC many assument to its DC4 with L/D < 4 man with 0 males in agrics	220V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	40 AV		00
	≤24V	A	28
	48V	A	28
	75V	A	25
	110V	A	22
150 11 : BO4 : 11 1/B 14 : 11 0 1 : :	220V	Α	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	-0.07		0.0
	≤24V	A	28
	48V	A	28
	75V	A	25
	110V	Α	24



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 220VDC

	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	220 V		
120 max current to in 200-200 with 2/10 2 forms with 1 poles in series	≤24V	Α	18
	≤24 V 48 V	A	
			15
	75V	A	13
	110V	Α	2
	220V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	≤24V	Α	20
	48V	Α	20
	75V	Α	18
	110V	Α	13
	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	A	19
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	220 V		10
120 max current le in 200-2003 with 2/10 13 with 4 poles in series	≤24V	Α	30
	48V	A	30
	75V	A	
			25
	110V	A	20
01 47 11 11 14 40 (150/51)000 47 4)	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse	a (1= a)	_	
	gG (IEC)	Α	50
	aM (IEC)	Α	32
Making capacity (RMS value)		Α	260
Breaking capacity at voltage			
	440V	Α	208
	500V	Α	184
	690V	Α	168
Resistance per pole (average value)		mΩ	2
Power dissipation per pole (average value)			
· · · · · · · · · · · · · · · · · · ·	lth	W	4
	AC3	W	1.4
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	Ibin	1.8
Tightoning targue for call tarminal	max	Ibin	2.2
Tightening torque for coil terminal		N 1 .	0.0
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.8



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 220VDC

		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			_
		max		6
	Flexible w/o lug conductor section		•	
		min	mm²	2.5
	EL 21. / L	max	mm²	16
	Flexible c/w lug conductor section		2	4
		min	mm²	1
	Florible with insulated an edulum and dustance atten-	max	mm²	10
	Flexible with insulated spade lug conductor section		2	4
		min	mm²	1
		max	mm²	10
Power terminal prote	ction according to IEC/EN 60529			IP20 when
Mechanical features				properly wired
Operating position				
Sperating position		normal		Vertical plan
	ા	lowable		±30°
	aı	OWADIC		Screw / DIN rail
ixing				35mm
Veight			g	564
Conductor section			<u> </u>	
oridación cochori	AWG/kcmil conductor section			
	7W O/Romiii donaddor dddidir	max		6
Operations		Пах		Ů
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data			oy or oo	1000000
•	10d according to EN/ISO 13489-1			
onomiano ioro. B		ed load	cycles	1600000
	mechanic		cycles	20000000
Airror contats accord	ling to IEC/EN 609474-4-1	odi ioda	0,0100	yes
EMC compatibility				yes
OC coil operating				yes
OC rated control volta	age		V	220
OC operating voltage			v	
operating voltage	pick-up			
	ριοιτ αρ	min	%Us	70
		max	%Us	125
	drop-out	max	7003	120
	arop out	min	%Us	10
				40
		may	9/11/5	
Verage coil consum	ntion ≤20°C	max	%Us	10
Average coil consum	ption ≤20°C			
verage coil consum		in-rush	W	5.4
-				
Max cycles frequency	· /	in-rush	W W	5.4 5.4
Max cycles frequency Mechanical operation	· /	in-rush	W	5.4
lax cycles frequency	· /	in-rush	W W	5.4 5.4

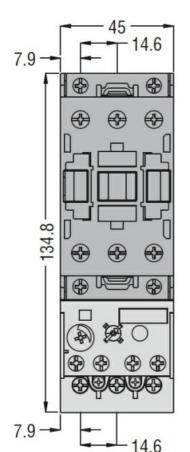


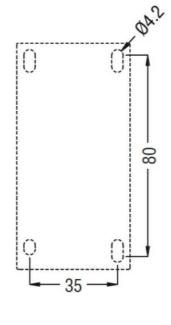
THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 220VDC

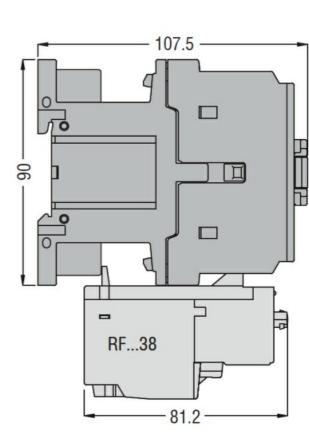
			min	ms	8
					24
		Onanina NO	max	ms	24
		Opening NO			_
			min	ms	5
			max	ms	15
		Closing NC			
			min	ms	9
			max	ms	20
		Opening NC			
			min	ms	9
			max	ms	17
	in DC				
		Closing NO			
		 	min	ms	54
			max	ms	66
		Opening NO	max	1113	00
		Opening NO	main	mo	1.4
			min	ms	14
			max	ms	17
UL technical data		,			
Full-load current (FLA)	tor three-phase AC	motor			
			at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe	erformance				
	for single-phase A	AC motor			
	5 1		110/120V	HP	2
			230V	HP	_ 5
	for three-phase A	C motor	2001	• • • •	
	ioi tillee-pilase A	Ciliotoi	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 protection	fuse, 600V				
•	High fault				
	9		Short circuit current	kA	100
			Fuse rating	A	100
			Fuse class	, ,	J
	Standard fault		1 435 61435		<u> </u>
	Stanuaru iault		Object almosts	Ι. Λ	_
			Short circuit current	kA	5
			Fuse rating	Α	100
Ambient conditions					
Temperature					
	Operating temperating	ature			
			min	°C	-50
			max	°C	70
	Storage temperate	ure			-
	- 1211.gr 131p31dt		min	°C	-60
			max	°C	80
Max altitude			Παλ		3000
	n			m	3000
Resistance & Protection	лг				
Pollution degree					3
Dimensions [mm (in)]					



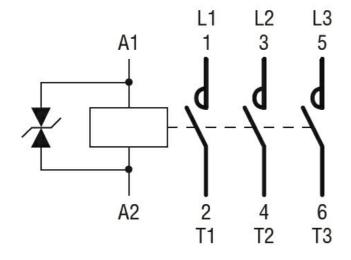
ENERGY AND AUTOMATION







Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1

IEC/EN/BS 60947-1

IEC/EN/BS 60947-4-1

UL 60947-1

UL 60947-4-1

Certificates



ENERGY AND AUTOMATION

BF2600D220

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, DC COIL, 220VDC

cULus			
EAC			

ETIM classification

ETIM 8.0