



			_
Product designation			Power contactor
Product type designation Contact characteristics			BF26
		Nir	3
Number of poles Rated insulation voltage Ui IEC/EN		Nr. V	
		kV	690 6
Rated impulse withstand voltage Uimp		KV	0
Operational frequency	min		25
	min	Hz Hz	25
IEC Conventional free air thermal current Ith	max	<u>п</u> 2 А	400 45
		A	40
Operational current le		۸	45
	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/		
	230V	kW	7.3
	400V	kW	13
	415V	kW	14
	440V	kW	14
	500V	kW	15.6
Deted energianal neuron AC 1 (T<10°C)	690V	kW	18.5
Rated operational power AC-1 (T≤40°C)	0001/	1.1.47	47
	230V	kW	17
	400V	kW	30
	500V	kW	37
$I_{\rm EC}$ may summat be in DC1 with $1/D < 1$ may with 1 malas in series	690V	kW	51
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series	<2414	۸	25
	≤24V	A	25
	48V 75V	A	21 18
	110V	A A	6
	220V	A	0
IEC max current le in DC1 with L/R $\leq$ 1ms with 2 poles in series	220 V	A	-
	≤24V	۸	20
	≤24∨ 48V	A	28 28
	48V 75V	A A	28 25
	110V	A	22
	220V	A	2
IEC max current le in DC1 with L/R $\leq$ 1ms with 3 poles in series	2201	~	۲
	≤24V	٨	28
	≤24∨ 48V	A A	28 28
	48V 75V	A	28 25
	110V	A	25 24
	1100	А	24

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

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	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 $L/R \le 15$ ms 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	А	20
	75V	А	18
	110V	А	13
	220V	А	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	А	20
	110V	А	18
	220V	А	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)	Α	32
Making capacity (RMS value)		Α	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)			
	Ith	W	4
	AC-3	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

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NERGY AND AUTOMATION	THREE-POLE CONTACTOR, IEC OPERATING CUP	,	,	, ,
		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			
	Ū.	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section			
		min	mm²	1
		max	mm²	10
Dower terminal prote	ation according to IEC/EN 60520			IP20 when
Power terminal protec	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fiving				Screw / DIN rail
Fixing				35mm
Weight			g	556
Conductor section				
	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
DC coil operating			
DC rated control voltage		V	24
DC operating voltage			
pick-up			
	min	%Us	70
	max	%Us	125
drop-out			
	min	%Us	10
	max	%Us	40
Average coil consumption ≤20°C			
	in-rush	W	5.4
	holding	W	5.4
Max cycles frequency			
Mechanical operation		cycles/h	3600
Operating times			
Average time for Us control			
in AC			

**Closing NO** 

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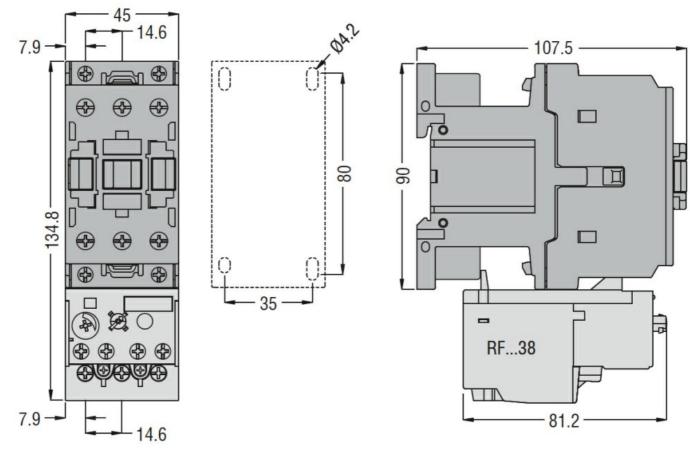
		min	ms	8
		max	ms	24
	Opening NO			
		min	ms	5
		max	ms	15
	Closing NC			
	-	min	ms	9
		max	ms	20
	Opening NC		-	-
	eponing ite	min	ms	9
		max	ms	17
	in DC	IIIdA	1113	17
	Closing NO			- 4
		min	ms	54
		max	ms	66
	Opening NO			
		min	ms	14
		max	ms	17
JL technical data				
Full-load current (Fl	_A) for three-phase AC motor			
,		at 480V	А	21
		at 600V	А	22
lielded mechanical	performance			
	for single-phase AC motor			
	tor single-phase AC motor	110/120V	HP	2
		230V		
	testing a loss AQ and a	2300	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 protect	ion fuse 600V			
	High fault			
	i ligit iault	Short circuit current	kA	100
		Fuse rating	A	100
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	А	100
Ambient conditions				
Temperature				
-	Operating temperature			
		min	°C	-50
		max	°Č	70
	Storage temperature	Πιαλ	5	
	olorage lemperature		°C	60
		min	°C	-60
		max	°C	80
Max altitude		max	°C m	80 3000
Resistance & Prote	ction	max		3000
	ction	max		

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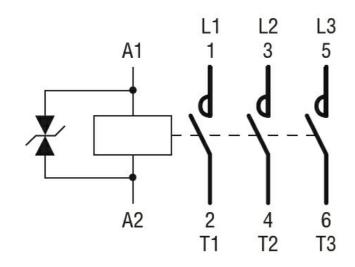
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POLE CONTACTOR, IEC OPERATING CURRENT IE (A



#### 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

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# CULus EAC ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching