

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		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	А	25
	48V	А	21
	75V	A	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	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

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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 \leq 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 \leq 15ms with 3 poles in series	220 V	~	5
	≤24V	А	25
	≤24V 48V		25
	48V 75V	A	25
		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			
	≤24V	A	30
	48V	A	30
	75V	A	25
	110V	А	20
	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)		А	210
Protection fuse			
	gG (IEC)	Α	50
	aM (IEC)	Α	32
Making capacity (RMS value)		А	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
	AC-3	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	Παλ		<i>L.L</i>
	min	Nm	0.9
	min	Nm	0.8
	max	Nm	1
	min	lbin	0.8

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OPERATING CURRENT	IE (AC3) = 26A,	DC COIL	, 220VDC
	max	Ibin	0.74	

		max	niai	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		2	
		min	mm²	1
	Elevitete with included at an edge to a second vature of the	max	mm²	10
	Flexible with insulated spade lug conductor section		····· 2	4
		min	mm² mm²	1 10
		max		IP20 when
Power terminal prote	ction according to IEC/EN 60529			properly wired
Mechanical features				property wired
Operating position				
- 1		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	564
Conductor section			9	504
	AWG/kcmil conductor section			
		max		6
Operations		Пах		U
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data			ý	
Performance level B1	10d according to EN/ISO 13489-1			
		rated load	cycles	1600000
		mechanical load	cycles	2000000
Mirror contats accord	ing to IEC/EN 609474-4-1			yes
EMC compatibility				yes
DC coil operating				
DC rated control volta			V	220
DC operating voltage				
	pick-up			
		min	%Us	70
		max	%Us	125
	drop-out			
		min	%Us	10
A		max	%Us	40
Average coil consum	ption ≤20°C	· · · · ·	147	F 4
		in-rush	W	5.4
Max avalas fraguese		holding	W	5.4
Max cycles frequency			ovoloo/h	2600
Mechanical operation Operating times			cycles/h	3000
Average time for Us of	control			
Average line IUI US (in AC			
	Closing NO			

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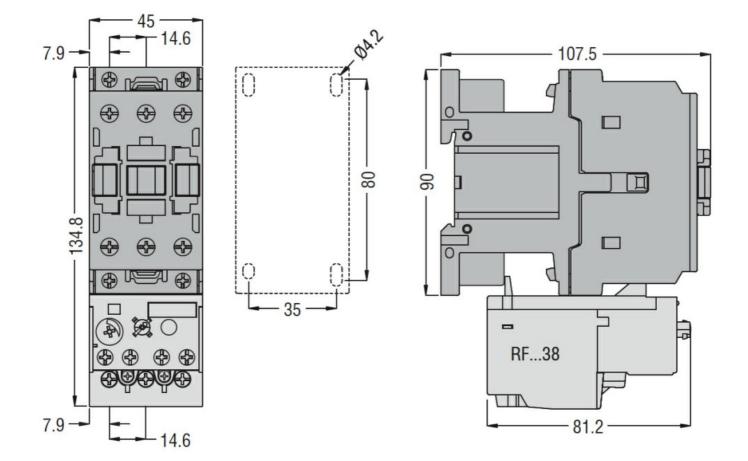
			min	ms	8
			max	ms	24
		Opening NO			F
			min	ms	5
		Closing NC	max	ms	15
			min	me	9
			max	ms ms	9 20
		Opening NC	IIIdA	1113	20
		Opening NO	min	ms	9
			max	ms	5 17
	in DC		max	me	
		Closing NO			
		g	min	ms	54
			max	ms	66
		Opening NO			
			min	ms	14
			max	ms	17
UL technical data					
) for three-phase AC mot	or			
			at 480V	А	21
			at 600V	А	22
Yielded mechanical pe	erformance				
	for single-phase AC m	otor			
			110/120V	HP	2
			230V	HP	5
	for three-phase AC mo	otor			
			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					
	High fault				100
			Short circuit current	kA	100
			Fuse rating	А	100
	Oton dowel for all		Fuse class		J
	Standard fault		Chart size it	1- 4	F
			Short circuit current	kA ^	5
Ambient conditions			Fuse rating	A	100
Temperature	Operating temporature				
	Operating temperature	i	min	°C	-50
			max	°C	-50 70
	Storage temperature		Παλ	U	10
	Storage temperature		min	°C	-60
			max	°C	80
Max altitude			max	 	3000
Resistance & Protection	on				
Pollution degree					3
Dimensions					-

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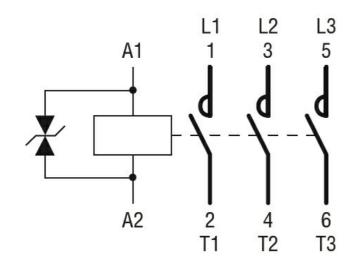
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Wiring diagrams



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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E-POLE CONTACTOR,	IEC OPERATING C	URRENT IE (AC3) =	= 26A, DC COIL, 220VDC

	cULus	
	EAC	
ETIM classification		
		EC000066 -

ETIM 8.0

EC000066 -Power contactor, AC switching