



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)	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
	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



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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	220 V		
120 max current to in 200-200 with 2/10 2 forms with 1 poics 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	Α	19
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	2201		
120 max carrette in 200 200 man 2/10 - 10 ma man 1 person in conce	≤24V	Α	30
	48V	Α	30
	75V	A	25
	110V		
		A	20
Chart time allowable assurant for 40a (IEC/ENCO047.4)	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)		Α	210
Protection fuse	0 (150)	•	50
	gG (IEC)	Α	50
 	aM (IEC)	Α	32
Making capacity (RMS value)		A	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
	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	Пах	10111	۷.۷
rightening torque for contentinal	min	Nim	0.0
	min	Nm Nm	0.8
	max	Nm	1
	min	lbin	0.8



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		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section	AVA/O/// !!			
	AWG/Kcmil	may		6
	Flexible w/o lug conductor section	max		0
	r lexible w/o lug corluctor section	min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section			
	ŭ	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section	on		
		min	mm²	1
		max	mm²	10
Power terminal protec	tion according to IEC/EN 60529			IP20 when properly wired
Mechanical features				properly wired
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight			g	429
Conductor section	AWG/kcmil conductor section			
	AWG/kcmii conductor section	may		6
Operations		max		O
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data			0,0.00	
•	0d according to EN/ISO 13489-1			
	•	rated load	cycles	1600000
		mechanical load	cycles	20000000
Mirror contats accordi	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 5	0/60Hz		V	42
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up		0/11-	00
		min	%Us	80
	drop-out	max	%Us	110
	αιορ-οαι	min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz		,,,,,	
	pick-up			
		min	%Us	85
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	55
AC average coil consu				
	of 50/60Hz coil powered at 50Hz			



		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz			
	•	in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz	<u></u>		
	o. co co poc. a co	in-rush	VA	75
		holding	VA	9
Dissipation at holding :	≤20°C 50Hz	<u></u>	W	2.5
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times			cy 6.66/11	
Average time for Us co	ontrol			
, wordgo umo ioi oo oo	in AC			
	Closing NO			
	Closing No	min	ms	8
		max	ms	24
	Opening NO	Παλ	1113	24
	Opening NO	min	me	5
		min	ms	5
	Clasina NC	max	ms	15
	Closing NC			0
		min	ms	9
	0	max	ms	20
	Opening NC			
		min	ms	9
		max	ms	17
UL technical data				
Full load curront (EL A)				
Full-load current (FLA)	for three-phase AC motor		_	
ruii-ioau current (FLA)	for three-phase AC motor	at 480V	Α	21
		at 480V at 600V	A A	21 22
Yielded mechanical pe	erformance			
		at 600V	Α	
	erformance	at 600V 110/120V	A HP	
	erformance for single-phase AC motor	at 600V	Α	22
	erformance	at 600V 110/120V 230V	A HP	22 2 5
	erformance for single-phase AC motor	at 600V 110/120V	A HP	22
	erformance for single-phase AC motor	at 600V 110/120V 230V	A HP HP	22 2 5
	erformance for single-phase AC motor	at 600V 110/120V 230V 200/208V	HP HP	22 2 5 7.5
	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
	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
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
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
Yielded mechanical pe	erformance 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
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
Yielded mechanical pe	erformance 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
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 45
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
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
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 5 7.5 7.5 15 20 45
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 A kA	22 5 7.5 7.5 15 20 45
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	HP HP HP HP HP	22 5 7.5 7.5 15 20 45
Yielded mechanical per 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 A kA	22 5 7.5 7.5 15 20 45
Yielded mechanical pe	erformance 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 A kA	22 5 7.5 7.5 15 20 45
Yielded mechanical per 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 A kA	22 5 7.5 7.5 15 20 45





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