



BG06 D-BG12 D
BG09 L



BF09 D-BF25 D
BF09 L-BF25 L



BF26 D-BF38 D
BF26 L-BF38 L



BF50 C-BF110 C



B115-B180



B250-B400

		Three-phase motor control				Maximum IEC power at ≤55°C (AC3)							UL/CSA details							
Order code	DC coil	IEC operating current I _{th} (AC1)			I _e (AC3) ≤440V at ≤55°C								Maximum UL/CSA horsepower ratings							
		≤40°C	≤55°C	≤70°C		230V	400V	415V	440V	500V	690V	1000V	Single phase		Three phase					
	Low consumption	[A]	[A]	[A]	[A]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[HP]	[HP]	[HP]	[HP]	[HP]	[HP]	
11 BG06 01 D①	—	16	14	12	6	1.5	2.2	2.4	2.5	3	3	—	1/3	1	1 1/2	2	3	3	3	
11 BG06 10 D①	—			(≤60°C)																
11 BG09 01 D①	11 BG09 01 L②	20	18	15	9	2.2	4	4.3	4.5	5	5	—	1/2	1 1/2	2	3	5	5	5	
11 BG09 10 D①	11 BG09 10 L②			(≤60°C)																
11 BGF09 01 D①	11 BGF09 01 L②	20	18	15	9	2.2	4	4.3	4.5	5	5	—	1/2	1 1/2	2	3	5	5	5	
11 BGF09 10 D①	11 BGF09 10 L②			(≤60°C)																
11 BGP09 01 D①	—	20	18	15	9	2.2	4③	4.3③	4.5③	5③	5③	—	1/2	1 1/2	2	3	5③	—	—	
11 BGP09 10 D①	—			(≤60°C)																
11 BG12 01 D①④	—	20	18	15	12	3.2	5.7	6.2	6.2	7.5	10	—	1/2	1 1/2	3	3	7 1/2	10	10	
11 BG12 10 D①④	—			(≤60°C)																
BF09 01 D①⑤⑥	BF09 01 L②⑤⑥	25	20	18	9	2.2	4.2	4.5	4.8	5.5	7.5	—	3/4	2	3	3	5	7 1/2	7 1/2	
BF09 10 D①⑤⑥	BF09 10 L②⑤⑥																			
BF12 01 D①⑤⑥	BF12 01 L②⑤⑥	28	23	20	12	3.2	5.7	6.2	6.2	7.5	10	—	1	2	5	5	7 1/2	10	10	
BF12 10 D①⑤⑥	BF12 10 L②⑤⑥																			
BF18 01 D①⑤⑥	BF18 01 L②⑤⑥	32	26	23	18	4	7.5	9	9	10	10	—	1	3	5	5	10	15	15	
BF18 10 D①⑤⑥	BF18 10 L②⑤⑥																			
BF25 01 D①⑤	BF25 01 L②⑤	32	26	23	25	7	12.5	13.4	13.4	15	11	—	2	3	7 1/2	7 1/2	15	15	15	
BF25 10 D①⑤	BF25 10 L②⑤																			
BF26 00 D①⑤⑥	BF26 00 L②⑤⑥	45	36	32	26	7.3	13	14	14	15.6	18.5	—	2	5	7 1/2	7 1/2	15	20	20	
BF32 00 D①⑤⑥	BF32 00 L②⑤⑥	56	45	40	32	8.8	16	17	17	20	22	—	3	7 1/2	10	10	20	25	25	
BF38 00 D①⑤	BF38 00 L②⑤	56 (60⑦)	45 (48⑦)	40 (42⑦)	38	11	18.5	18.5	18.5	20	22	—	3	7 1/2	10	15	30	30	30	
11 BF50 C 00①③④	—	90	80	65	50	14.3	25	27.2	27.2	33.2	43.5	25	5	10	10	15	30	40	40	
11 BF65 C 00①③④	—	110	90	70	65	18.5	33	36	36	45.3	59.7	30	—	—	20	25	50	60	60	
11 BF80 C 00①③	—	125	100	80	80	23	41	46	46	56	74	37	—	—	25	30	60	75	75	
11 BF95 C 00①③	—	125	100	80	95	27.6	50	55	55	56	74	45	—	—	30	30	60	75	75	
11 BF110 C 00①③	—	125	100	80	110	33	61	66	70	59	80	45	—	—	30	40	75	100	100	
11 B115 00①⑤	—	160	150	110	110	33	61	66	70	80	100	63	—	—	30	40	75	100	100	
11 B145 00①⑤	—	250	235	190	150	46	80	88	93	100	120	75	—	—	50	50	100	125	125	
11 B180 00①⑤	—	275	250	200	185	57	100	108	115	123	144	103	—	—	60	75	150	150	150	
11 B250 00①⑤	—	350	300	250	265	83	140	155	164	176	212	156	—	—	75	100	200	250	250	
11 B310 00①⑦	—	450	370	300	320	100	170	188	200	213	256	180	—	—	100	125	250	300	300	
11 B400 00①⑤	—	550	430	360	420	130	225	247	263	271	352	208	—	—	125	150	350	400	400	
11 B500 00①⑤	—	700	550	500	520	156	290	306	328	367	416	312	—	—	150⑩	200⑩	400⑩	450⑩	450⑩	
11 B630 00①⑤	—	800	640	540	630	198	335	368	368	368	440	368	—	—	200⑩	250⑩	500⑩	500⑩	500⑩	
11 B630 1000 00①⑦	—	1000	850	700	—	For AC1/Resistive duty only, see page 2-8.							—	—	—	—	—	—	—	—

- ① Complete order code with coil voltage digit.
For BG09...D 24VDC version complete with built-in surge suppressor, add suffix **V120** to the standard order code.
The BF09-BF38D types already have a standard supplied built-in TVS (Transient Voltage Suppressor).
Standard voltages are as follows:
- DC 012 / 024 / 048 / 060 / 110 / 125 / 220V.
Example: 11 BG06 10 D012 for mini-contactor BG06, three poles, with one NO contact and 12VDC coil.
11 BG09 10 D024 V120 for mini-contactor BG09, three poles, with one NO contact and 24VDC coil, complete with built-in TVS (diode) suppressor.
- ② Low-consumption version.
No add-on auxiliary contacts or mechanical interlock can be mounted on BG... type contactors.
Complete order code with coil voltage digit.
The BF09-BF38L types already have a standard supplied built-in TVS (Transient Voltage Suppressor).
Standard voltages are as follows:
- DC 024 / 048V.
Example: 11 BG09 01 L024 for mini-contactor BG09, three poles, with one NC contact and 24VDC low-consumption coil.
- ③ Maximum combinations of add-on blocks are given on page 3-19.
- ④ The coil of the contactor can be powered indifferently in AC or DC. Complete the order code only with the digit of the coil voltage.
Standard voltages are:
- AC/DC 24 / 48 / 60 / 110-125 (indicate 110) / 220-240 (indicate 220) / 380-415 (indicate 380) / 440-480V (indicate 440).

- Example: 11 B145 00 110 for contactor B145, three poles, without auxiliary contacts and with 110-125VAC/DC coil.
The 24VAC/DC voltage is not possible for B500-B630 1000 contactors.
Other voltages available on request.
- ⑤ If predisposed for mechanical latch (G495), the order code becomes 11 B...SL.00④.
If already fitted with mechanical latch (G495), the order code becomes 11 B...L.00④⑤.
- ⑥ Indicate rated voltage of the mechanical latch, preceded by the letter C if in DC.
Standard voltages are:
- AC 50/60Hz 48 / 110-125 indicate 110 / 220-240 indicate 220 / 380-415V indicate 380
- DC 48 / 110-125 indicate 110 / 220-240V indicate 220.
Example: 11 B145L 00 110 C48 for contactor B145, three poles, without auxiliary contacts, with 110-125VAC/DC coil and mechanical latch powered at 48VDC.
- ⑦ G495 mechanical latch cannot be mounted.
- ⑧ Maximum voltage is limited at 300V for UL. For certified type up to 600V, consult Customer Service for information; see contact details on inside front cover.
- ⑨ Highly conductive auxiliary contact.
- ⑩ For use at this other current value, a 16mm² cable, headed with a fork terminal, must be used.
- ⑪ No UL/CSA ratings; data given for indication and reference purposes only.
- ⑫ Definite-purpose (DP) contactors are available. Consult Customer Service for information; see contact details on inside front cover.