



2



BG09 T4 D



BF09 T4 D-BF18 T4 D  
BF09 T4 L-BF18 T4 L



BF26 T4 D-BF38 T4 D  
BF26 T4 L-BF38 T4 L



BF50C 40-BF80C 40



B115 4-B180 4



B250 4-B400 4

### Resistive load control

Order code DC coil	DC coil Low consumption	IEC operating current Ith (AC1)			Maximum IEC power at ≤40°C (AC1)							UL/CSA details
		≤40°C	≤55°C	≤70°C	230V	400V	415V	440V	500V	690V	1000V	UL/CSA General (purpose) use
		[A]	[A]	[A]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[A]
11 BG09 T4 D ①	—	20	18	15 (≤60°C)	8	14	14	15	16	22	—	20
11 BGF09 T4 D ①	—	20	18	15 (≤60°C)	8	14	14	15	16	22	—	20
11 BGP09 T4 D ①	—	20	18	15 (≤60°C)	8	14⑥	14⑥	15⑥	16⑥	—	—	20
BF09 T4 D ②③	BF09 T4 L ②③	25	20	18	9.5	16	17	18	21	27	—	25
BF18 T4 D ②③	BF18 T4 L ②③	32	26	23	12	21	22	23	26	36	—	32
BF26 T4 D ②③	BF26 T4 L ②③	45	36	32	17	30	31	33	37	51	—	45
BF38 T4 D ②③	BF38 T4 L ②③	56 (60④)	45 (48④)	40 (42④)	21	26	38	40	45	62	—	55
11 BF65C 40 ⑤	—	110	90	70	41	72	78	80	95	112	—	110
11 BF80C 40 ⑤	—	125	100	80	47	82	90	90	108	128	—	125
11 B115 4 00 ⑥⑦	—	160	150	110	57	98	107	115	129	173	250	160
11 B145 4 00 ⑥⑦	—	250	235	190	91	150	162	180	196	270	390	250
11 B180 4 00 ⑥⑦	—	275	250	200	95	160	177	200	213	298	430	275
11 B250 4 00 ⑥⑦	—	350	300	250	124	214	234	255	282	380	560	350
11 B310 4 00 ⑥⑦	—	450	370	300	158	270	293	325	350	488	700	450
11 B400 4 00 ⑥⑦	—	550	430	360	200	345	377	400	452	598	870	550
11 B500 4 00 ⑥⑦	—	700	550	500	252	438	478	500	575	755	1100	700
11 B630 4 00 ⑥⑦	—	800	640	540	288	500	545	580	655	860	1250	800
11 B630 1000 4 00 ⑥⑦	—	1000	850	700	350	600	630	725	750	1000	1600	1000

① Complete order code with coil voltage digit.

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 / 220VDC.

Example: 11 BG09 T4 D012 for mini-contactor BG09, four poles, with 12VDC coil.

② Low consumption version. Complete the 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: BF09 T4 L024 for contactor BF09, four poles, with 24VDC low-consumption coil.

③ Maximum combinations add-on blocks are page 2-19.

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, four 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...4SL 00 ⑤.

If already fitted with mechanical latch (G495), the order code becomes 11 B...4L 00 ⑤ ⑥.

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, four 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 For use at this other current value, a 16mm<sup>2</sup> cable, headed with a fork terminal, must be used.