

Control relays BG00 type



11 BG00...



11 BGF00...

Order code	Configuration and number of contacts ⓐ (SPST ea)		Quantity per package n°	Wt [kg]
	NO	NC		
AC COIL. Terminals: clamp screw.				
11 BG00 40 Aⓐ	4	0	1	0.170
11 BG00 31 Aⓐ	3	1	1	0.170
11 BG00 22 Aⓐ	2	2	1	0.170
Terminals: Faston.				
11 BGF00 40 Aⓐ	4	0	1	0.160
11 BGF00 31 Aⓐ	3	1	1	0.160
11 BGF00 22 Aⓐ	2	2	1	0.160
DC COIL. Terminals: clamp screw.				
11 BG00 40 Dⓐ	4	0	1	0.175
11 BG00 31 Dⓐ	3	1	1	0.175
11 BG00 22 Dⓐ	2	2	1	0.175
Terminals: Faston.				
11 BGF00 40 Dⓐ	4	0	1	0.165
11 BGF00 31 Dⓐ	3	1	1	0.165
11 BGF00 22 Dⓐ	2	2	1	0.165
DC COIL. Low-consumption (2.3W). Terminals: clamp screw.				
11 BG00 40 Lⓐ	4	0	1	0.175
11 BG00 31 Lⓐ	3	1	1	0.175
11 BG00 22 Lⓐ	2	2	1	0.175
Terminals: Faston.				
11 BGF00 40 Lⓐ	4	0	1	0.165
11 BGF00 31 Lⓐ	3	1	1	0.165
11 BGF00 22 Lⓐ	2	2	1	0.165

Control relays BF00 type



BF00... A...



BF00... D...
BF00... L...

Order code	Configuration and number of contacts ⓑ (SPST ea)		Quantity per package n°	Wt [kg]
	NO	NC		
AC COIL. Terminals: clamp screw.				
BF00 40 Aⓑ	4	0	1	0.340
BF00 31 Aⓑ	3	1	1	0.340
BF00 22 Aⓑ	2	2	1	0.340
BF00 04 Aⓑ	0	4	1	0.340
DC COIL. Terminals: clamp screw.				
BF00 40 Dⓑ	4	0	1	0.470
BF00 31 Dⓑ	3	1	1	0.470
BF00 22 Dⓑ	2	2	1	0.470
BF00 04 Dⓑ	0	4	1	0.470
DC COIL. Low consumption (2.4W). Terminals: clamp screw.				
BF00 40 Lⓑ	4	0	1	0.470
BF00 31 Lⓑ	3	1	1	0.470
BF00 22 Lⓑ	2	2	1	0.470
BF00 04 Lⓑ	0	4	1	0.470

- ⓐ Complete order code with coil voltage digit or with voltage digit followed by 60 if 60Hz.
Standard voltages are:
- AC 50/60Hz 024 / 048 / 110 / 230 / 400V
- AC 60Hz 024 60 / 048 60 / 120 60 / 220 60 / 230 60 / 460 60 / 575 60 (V).
Example: 11 BG00 40 A230 for control relay BG00 with four NO auxiliary contacts and 230VAC 50/60Hz coil.
BF00 40 A460 60 for control relay BF00 with four NO auxiliary contacts and 460VAC 60Hz coil.
- ⓑ Complete the order code with coil voltage digit.
Standard voltages are:
- DC 012 / 024 / 048 / 060 / 110 / 125 / 220V.
Example: BF00 40 D012 for control relay BF00 with four NO contacts and 12VDC coil.
- ⓒ Low-consumption version.
Complete the order code with coil voltage digit.
Standard voltages are as follows:
- DC 024 / 048V.
Example: 11 BG00 40 L024 for control relay BG00 with four NO auxiliary contacts and 24VDC low-consumption coil.
- ⓓ Maximum combinations of add-on blocks are given on page 2-19.
- ⓔ All contacts are highly conductive.

Operational characteristics

- IEC rated insulation voltage U_i : 690V
- IEC rated conventional free air thermal current I_{th} : 10A
- UL/CSA and IEC/EN 60947-5-1 designation:
 - BG types: A600-Q600
 - BF types: A600-P600
- Low-consumption version of BG types cannot accept additional contacts.

NOTE: No coil change or replacement is possible.

Certifications and compliance

Certification obtained: CCC, EAC, UL Listed for USA and Canada (cULus - File E93602), as Motor Controllers - Auxiliary contactors for all; RINA for BF00 types. Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14. Plastic materials are compliant with standards IEC/EN 60335; for BF00 version only, add suffix V260 to the standard product order code. Example: BF00 40 A230 V260 for BF00 control relay having 4 NO auxiliary contacts and 230VAC 50/60Hz coil with compliant plastic materials.

NOTE: The BF00...D and BF00...L types have a standard supplied built-in TVS (Transient Voltage Suppressor).