

# BC6, BC7 3-pole mini contactors – with soldering pins

## 4 to 5.5 kW

### DC operated



BC7-30-10-P

2DCD211009F0011

3

#### Description

BC6, BC7 3-pole mini contactors are compact control products mainly used for switching resistive or motor loads up to 690 V AC.

These contactors are designed with:

- 3 main poles and one built-in auxiliary contact
- control circuit: DC operated
  - low coil consumption (3.5 W at pull-in and at holding)
- hum-free coil
- add-on auxiliary contact blocks for side mounting
- designed for soldering on PCB boards

#### Ordering details

| IEC                     |   | UL/CSA                        |                    | Rated control circuit voltage<br>$U_c$ | Auxiliary contacts fitted<br> | Catalog number | Global code | Pkg qty | Weight (1 pce)<br>kg |
|-------------------------|---|-------------------------------|--------------------|--|-------------------------------|----------------|-------------|---------|----------------------|
| Rated operational power | current<br>$\theta \leq 40^\circ\text{C}$ | 3-phase motor rating<br>480 V | General use rating |  |                               |                |             |         |                      |
| 400 V<br>AC-3<br>kW     | AC-1<br>A                                 | hp                            |                    | V DC                                   |                               |                |             |         |                      |

#### BC6 mini contactors with 3 N.O. main poles

| 4 | 12 | 3 | 300 V /<br>12 A | 12          | 1 0<br>0 1 | BC6-30-10-P07<br>BC6-30-01-P07 | GJL1213009R0107<br>GJL1213009R0017 | 10 | 0.170 |
|---|----|---|-----------------|-------------|------------|--------------------------------|------------------------------------|----|-------|
|   |    |   |                 | 24          | 1 0<br>0 1 | BC6-30-10-P01<br>BC6-30-01-P01 | GJL1213009R0101<br>GJL1213009R0011 | 10 | 0.170 |
|   |    |   |                 | 48          | 1 0<br>0 1 | BC6-30-10-P16<br>BC6-30-01-P16 | GJL1213009R1106<br>GJL1213009R1016 | 10 | 0.170 |
|   |    |   |                 | 60          | 1 0<br>0 1 | BC6-30-10-P03<br>BC6-30-01-P03 | GJL1213009R0103<br>GJL1213009R0013 | 10 | 0.170 |
|   |    |   |                 | 110 ... 125 | 1 0<br>0 1 | BC6-30-10-P04<br>BC6-30-01-P04 | GJL1213009R0104<br>GJL1213009R0014 | 10 | 0.170 |
|   |    |   |                 | 220 ... 240 | 1 0<br>0 1 | BC6-30-10-P05<br>BC6-30-01-P05 | GJL1213009R0105<br>GJL1213009R0015 | 10 | 0.170 |

#### BC7 mini contactors with 3 N.O. main poles

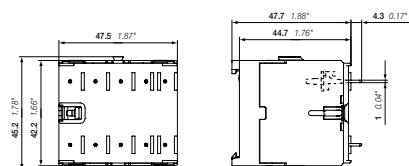
| 5.5 | 12 | 5 | 600 V /<br>16 A | 12          | 1 0<br>0 1 | BC7-30-10-P07<br>BC7-30-01-P07 | GJL1313009R0107<br>GJL1313009R0017 | 10 | 0.170 |
|-----|----|---|-----------------|-------------|------------|--------------------------------|------------------------------------|----|-------|
|     |    |   |                 | 24          | 1 0<br>0 1 | BC7-30-10-P01<br>BC7-30-01-P01 | GJL1313009R0101<br>GJL1313009R0011 | 10 | 0.170 |
|     |    |   |                 | 48          | 1 0<br>0 1 | BC7-30-10-P16<br>BC7-30-01-P16 | GJL1313009R1106<br>GJL1313009R1016 | 10 | 0.170 |
|     |    |   |                 | 60          | 1 0<br>0 1 | BC7-30-10-P03<br>BC7-30-01-P03 | GJL1313009R0103<br>GJL1313009R0013 | 10 | 0.170 |
|     |    |   |                 | 110 ... 125 | 1 0<br>0 1 | BC7-30-10-P04<br>BC7-30-01-P04 | GJL1313009R0104<br>GJL1313009R0014 | 10 | 0.170 |
|     |    |   |                 | 220 ... 240 | 1 0<br>0 1 | BC7-30-10-P05<br>BC7-30-01-P05 | GJL1313009R0105<br>GJL1313009R0015 | 10 | 0.170 |

#### BC6 mini contactors 2 N.O. + 1 N.C. main poles

| 4 | 12 | 3 | 300 V /<br>12 A | 24          | 1 0<br>1 0 | BC6-21-10-P01<br>BC6-21-10-P16 | GJL1213109R0101<br>GJL1213109R1106 | 10 | 0.170 |
|---|----|---|-----------------|-------------|------------|--------------------------------|------------------------------------|----|-------|
|   |    |   |                 | 60          | 1 0        | BC6-21-10-P03                  | GJL1213109R0103                    | 10 | 0.170 |
|   |    |   |                 | 110 ... 125 | 1 0        | BC6-21-10-P04                  | GJL1213109R0104                    | 10 | 0.170 |
|   |    |   |                 | 220 ... 240 | 1 0        | BC6-21-10-P05                  | GJL1213109R0105                    | 10 | 0.170 |

Note: Other types on request

#### Main dimensions mm, inches



B6, B7

2DCD212009F0011