

## Contact Block, maintained BF

### General Data

|                              |                                      |
|------------------------------|--------------------------------------|
| Type reference               | BF                                   |
| Description                  | Contact Block                        |
| Approvals                    | CCC, cCSAus, ENEC10, VDE, CE, NV, UR |
| Nature of contact            | 1NC + 1NO                            |
| Protection class             | II (protective insulation)           |
| Operation travel             | 3 mm                                 |
| Connection type              | Faston terminals 2.8x0.8 mm          |
| Contact material             | AgNi                                 |
| Max. storage temperature     | -50°C ... 85°C                       |
| Max. operating temperature   | -30°C ... 70°C                       |
| Mechanical life              | 1 million switching cycles           |
| Electrical life (rated load) | 1 million operations                 |
| Contact resistance NO        | < 20 mOhm (new state)                |
| Contact resistance NC        | < 20 mOhm (new state)                |
| Min. current                 | 1 mA (under laboratory conditions)   |
| Min. voltage                 | 5 V                                  |
| Bouncing time NO             | < 10ms                               |
| Bouncing time NC             | < 10ms                               |

### Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

|                                | alternate current | direct current          |
|--------------------------------|-------------------|-------------------------|
| Utilisation category           | AC15 B300         | DC13 Q300               |
| Rated insulation voltage $U_i$ | 250 V             | 300 V                   |
| Rated operating voltage $U_e$  | 250 V             | 250V / 125V / 60V / 24V |
| Rated operating current $I_e$  | 1.5A              | 0.2A / 0.4A / 1A / 2A   |
| Breaking capacity              | 10Ie              | 1,1Ie                   |
| Continuous thermal current     | 6 A               |                         |

### Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

|                     |        |
|---------------------|--------|
| Rated voltage $U_e$ | 250 V~ |
| Rated current $I_e$ | 6(4) A |

### Additional Electrical Data

Overvoltage category II

### Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

|                               |                   |                         |
|-------------------------------|-------------------|-------------------------|
| Utilisation category          | DC13              | DC13 Q300               |
| Rated operating voltage $U_e$ | 12V               | 250V / 125V / 60V / 24V |
| Rated operating current $I_e$ | 6A                | 0.2A / 0.4A / 1A / 2A   |
| Breaking capacity             | 1,1I <sub>e</sub> | 1,1I <sub>e</sub>       |

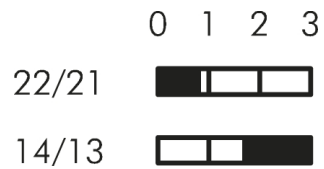
### Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

|                     |         |
|---------------------|---------|
| Rated voltage $U_e$ | 12 V DC |
| Rated current $I_e$ | 6[6] A  |

Fotografía:



Puntos de activación:



Esquema eléctrico:

