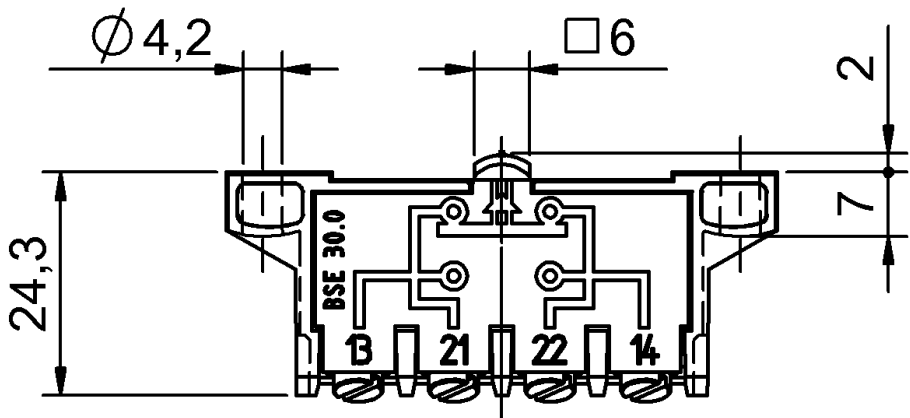
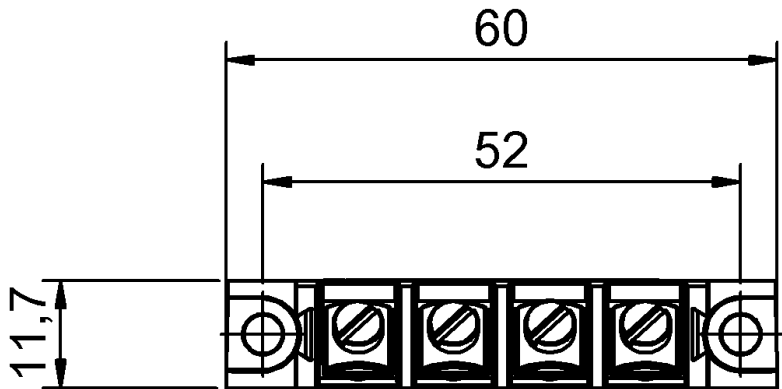




Basic features

Approval/Conformity

CE  
UKCA  
CCC  
WEEE

Bounce time max.

1.5 ms

Switching time

10 ms

Mechanical Cam Switches  
BSE 30.0-RK  
Order Code: BSE0005

**BALLUFF**

|                 |         |
|-----------------|---------|
| Use with series | EGT F60 |
|                 | RGT 100 |
|                 | RGT 61  |
|                 | RGT 62  |
|                 | RGT 72  |

#### Electrical connection

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| Connection      | M3                                                                                   |
| Connection type | 1. Switch position: Screw terminal                                                   |
| Contact system  | Dual changeover<br>One NO and one NC<br>galvanically isolated<br>Double-interrupting |

#### Electrical data

|                                          |                                                                                |
|------------------------------------------|--------------------------------------------------------------------------------|
| Contact arrangement                      | NC: 21+22<br>NO: 13+14                                                         |
| Contact resistance max.                  | 40 mOhm                                                                        |
| Contact resistance max., note            | New condition                                                                  |
| Continuous current                       | 1. Switch position: 6.0 A                                                      |
| Mechanical life expectancy min.          | 30 mil. switching operations                                                   |
| Minimum load at 24 V DC                  | 20.0 mA                                                                        |
| Nominal voltage                          | 250 VAC                                                                        |
| Switching actuation force max.           | 4.80 N                                                                         |
| Switching capacity at 220 V DC           | 0.5 A, L/R = 200ms                                                             |
| Switching capacity at 24 V DC            | 4 A, L/R = 200 ms                                                              |
| Switching capacity at 250 V AC 40...60Hz | 1 A $\cos \varphi = 0.4$<br>2 A $\cos \varphi = 0.8$<br>6 A $\cos \varphi = 1$ |
| Switching operations per minute          | 300                                                                            |
| Switching principle                      | Snap switch, self-cleaning                                                     |
| Switchover time max.                     | 10.0 ms                                                                        |

#### Environmental conditions

|                     |            |
|---------------------|------------|
| Ambient temperature | -5...85 °C |
|---------------------|------------|

#### Material

|                   |                                         |
|-------------------|-----------------------------------------|
| Cover material    | Thermoplast                             |
| Housing material  | Thermoplast, GF                         |
| Material contacts | Silver, gold plated                     |
| Material contacts | 1. Switch position: Silver, gold plated |

#### Mechanical data

|                                |                     |
|--------------------------------|---------------------|
| Connection cross-section       | 1.5 mm <sup>2</sup> |
| Switching actuation force min. | 3.60 N              |
| Tightening torque max.         | 120 Ncm             |