



1) Scale ring, 2) Cover, 3) Reference edge, 4) Hinge, 5) Feather key, 6) Drive right-side



Electrical connection

Connection type 1. Switch position: Cable fitting via threaded insert

Electrical data

Cable entries, number 4 threaded exit M25
Continuous current 1-6. Switch position: 6 A
Pulses per revolution 30
Rated operating voltage Ue 1-6. Switch position: 250 V AC
Speed max. 200 r/min
Speed monitor Without loss of switch pos.

Environmental conditions

Ambient temperature -5...80 °C
IP rating IP65

Functional safety

B10d (EN ISO 13849-1) BSE 61: 30 mil. Switching operations
BG certified yes
MTTF (40 °C) Speed monitoring WA: 830 a

General data

Approval/Conformity CE
 BG
 WEEE
Basic standard IEC 60947-5-1
 IEC 60947-5-2
Operating principle 1. Switch position: Mechanical
Version Safety EN 60204-1

Material

Housing material Aluminum
Housing material, surface protection Anodized
Material contacts 1-6. Switch position: Silver

Mechanical data

Cam rings 1-6. Switch position: 180°
Cam rings can be secured yes
Connection cross-section 1.5 mm²
Dimension 185 x 140 x 187 mm
Drive shaft, length 40.00 mm
Drive type right
Life expectancy mechanical 1. Switch position: 30 million Switching operations
Minimum torque 1.0 Nm
Mounting hold spacing B 165.0 mm
Rotation direction monitoring no
Switching element 1-6. Switch position: BSE 61

Rotary cam switches
BSW 813-493-X64-WA-06L3
Order Code: BSW0040

BALLUFF

Range/Distance

Opening angle min.

15°

Wiring Diagrams

BSE 61

