



Basic features

Approval/Conformity

CE
CSA
WEEE
EAC

Mechanical Cam Switches
BSE 30.0-RK
Order Code: BSE0005

BALLUFF

Bounce time max.	1.5 ms
Switching time	10 ms
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 One NO and one NC galvanically isolated Double-interrupting

Electrical data

Contact arrangement	NC: 21+22 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 $\cos \varphi = 0.4$ 2 A $\cos \varphi = 0.8$ 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
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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 ²
Switching actuation force min.	3.60 N
Tightening torque max.	120 Ncm