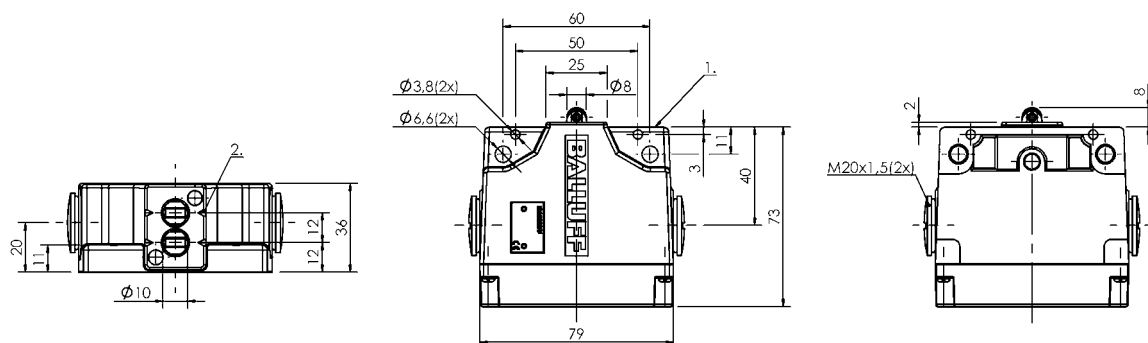




1) Reference edge, 2) Mark. Safety switch position



Basic features

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

Display/Operation

Function indicator 1-2. Switch position: None

Electrical connection

Connection type 1-2. Switch position: Screw terminal

Electrical data

Continuous current	1-2. Switch position: 6 A
Rated operating voltage Ue	1-2. Switch position: 250 V AC
Switching function mechanical	NC forced-opening per VDE Double-interrupting Normally open with snap funct. galvanically isolated One NO and one NC Dual changeover
Switching rate	1-2. Switch position: 160/min

Environmental conditions

Ambient temperature	-5...85 °C
IP rating	IP67

Functional safety

B10d (EN ISO 13849-1) BSE 85: 1 mil. switching cycles

Material

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material contacts	1-2. Switch position: Silver
Plunger material	1-2. Switch position: 1.4034 stainless steel

Mechanical Cam Switches
BNS 813-B02-L12-61-A-22-02
Order Code: BNS02FJ



Mechanical data			
Approach direction	longitudinal, parallel to attachment surface	Number of switching positions	2x Roller bearing Mechanical
Approach speed	1-2. Switch position: 80 m/min	Plunger spacing 1st switch position	12 mm
Dimension	79 x 36 x 73 mm	Plunger style	1-2nd switch position: Roller bearing
Distance cam - reference edge	1-2. Switch position: 4.50...5.00 mm	Switch actuation force	1-2. Switch position: 30 N
Flange, feed-through	None	Switching element	1-2. Switch position: BSE 85
Installation	Vertical	Range/Distance	
Life expectancy mechanical	1-2. Switch position: 1 mil. switching operations	Reproducibility	1-2. Switch position: ±0.02 mm
		Switch position spacing	12 mm

Wiring Diagrams

