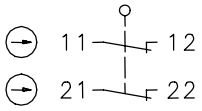
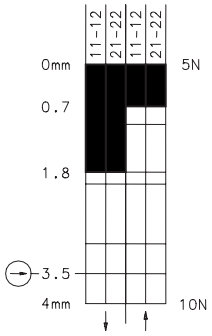
Mechanical switching device
Series C2

Description **C2-SA2Z R**	Article number **6008866016**

Operating symbol

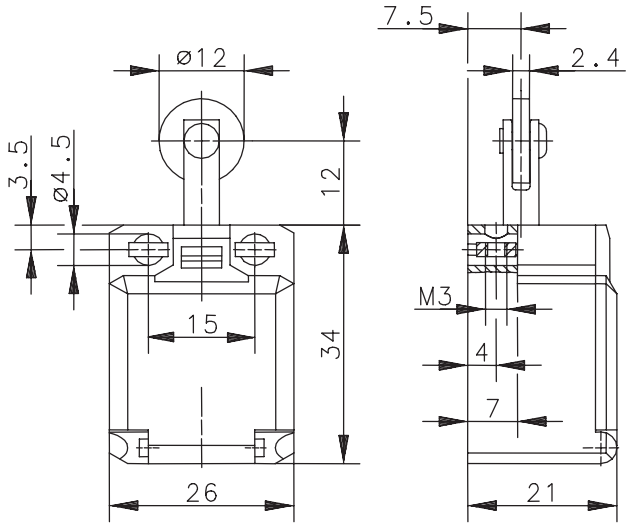


Operating diagram



On Off

Tolerance - operating diagram:
Operating points ± 0,25 mm
Process forces ± 10 %



Electrical Data acc. IEC/EN 60947-5-1		
Rated insulation voltage	U_i	250 V AC
Conventional thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category and rated values		AC-15, U_e/I_e 240 V / 3 A
Direct opening action	⊖	acc. IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 6 A gG
Protection class		II, totally insulated

Technical modifications and errors excepted.
The technical datasheet corresponds to the technical state as of 2019-01-15 and will not be removed in case of changes.

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic (UL 94-V0)
Actuator	Roller (steel)
Ambient air temperature	-30 °C ... +80 °C
Contact type	2 N.C. (Zb)
Mechanical life	3 x 10^6 operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M3
Connection	4 screw connections (M3,5)
Conductor cross-sections	Solid or Litz wire with ferrules 0,5 mm^2 - 1,5 mm^2
Cable entrance	Rectangle 8,5 x 3,5 mm
Weight	≈ 0,025 kg
Installation position	operator definable
Protection type	IP20 acc. to EN 60529 IP30 will be reached when all contacts are connected with outer wire diameter ≥ 2,2 mm.

Actuation
The push bolt actuator is mainly intended to be actuated along its axis. Side actuation will considerably reduce switch life. The switch may not be used as a mechanical stop.

ID for safety engineering	
B10d	6 x 10^6 cycles

Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Approvals	
	$_{C}CSA_{US}$, UL
	CCC

Notes
The specified protection classification (IP code) applies only when the cover is closed.

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