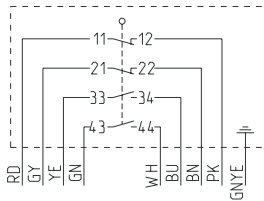


Metal bodied limit switch

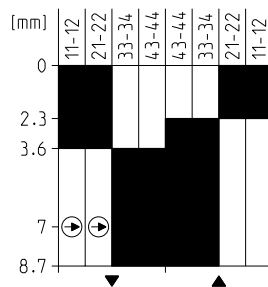
Series M49

Description **M49 SU2Z RIW 2M**Article number **6123000131**

Operating symbol

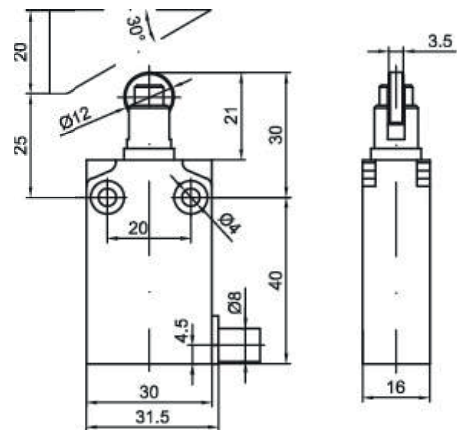


Operating diagram



 On
  Off

Tolerance:
 Operating points $\pm 0,2$ mm;
 Direct opening action $\pm 0,2$ mm;
 Operating torque $\pm 0,2$ N



Electrical Data

Rated insulation voltage	U _i	250 V
Conv. thermal current	I _{the}	4 A
Rated operational voltage	U _e	240 V AC / 24 V DC
Utilization category		AC-15, 240 V / 3 A; DC-13, 24 V / 2 A
Direct opening action		0,28 Nm acc. to IEC/EN 60947-5-1
Short-circuit protective device U _e < 500 V a.c. - gG type fuses		Fuse 4 A gG
Protection class	I	

Mechanical data	
Enclosure	Zn die-casting, powder coated, RAL 7001 (silver gray)
Actuator	Plunger (nickel plated brass), roller (galvanized steel)
Ambient air temperature	
-during operation	-25 °C ... +70 °C
-for storage	-40 °C ... +70 °C
Contact type	Snap action, 2 N.C. (Form Zb), 2 N.O.
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	3600 / h
Velocity for actuating	0,5 m/s
Resistance between contacts	< 25 mΩ
Connection	PVC 9 x AWG 22 UL cable, 2m length
Weight	0,225 kg
Installation position	All positions are authorized
Protection type	IP67 acc. to IEC/EN 60529

ID for safety engineering	
B10d	20 x 10 ⁶

Standards	
	DIN EN 60947-5-1

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

Notes	
	Type 4 -X – 6 enclosure ("indoor use only") acc. to UL50