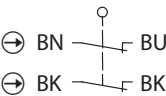


Plastic bodied limit switch
Series I49

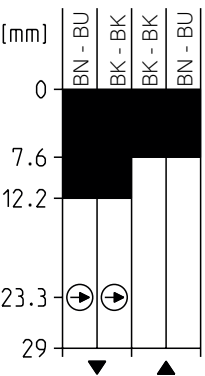
Description **I49-SA2Z KNK Z 6,5M**

Article number **6189875089**

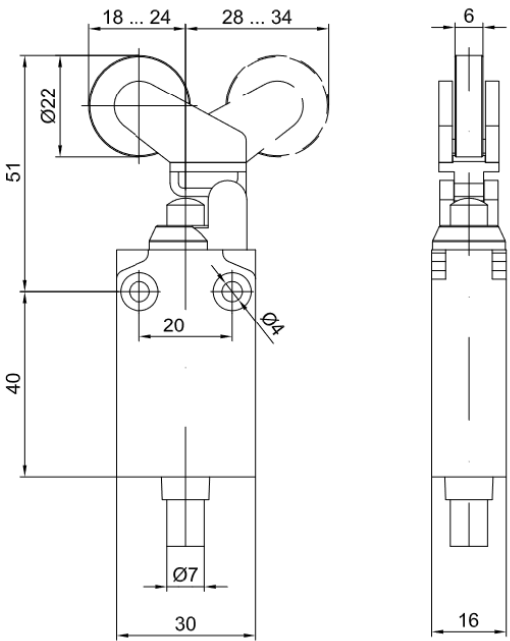
Operating symbol



Operating diagram



 On
 Off



Electrical Data	
Rated insulation voltage acc. to DIN EN 60947-1	U_i 250 V (degree of pollution 3)
Conv. thermal current acc. to DIN EN 60947-5-1) 0 < 40 °C	I_{the} 4 A
Rated operational voltage	U_e 240 V
Utilization category	AC-15, 24 V - 4 A / 240 V - 3 A DC-13, 24 V - 2 A / 250 V - 0.4 A
Direct opening action	 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	II, totally insulated

Mechanical data	
Enclosure	Pre-wired, Double insulation, Plastic Casing IP67, 30 mm width (polymeric)
Actuator	Adjustable lever with nylon roller
Ambient air temperature	
-during operation	-25 °C ... +70 °C
-for storage	-40 °C ... +70 °C
Contact type	Snap-action switching element, 2 NC
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	60 / min
Velocity for actuating	0,5 m/s
Resistance between contacts	< 25 mΩ
Connection	PVC 4 x 0,75 mm ² UL cable, 6,5 m length
Installation position	All positions are authorized
Protection type	IP67 acc. to IEC/EN 60529

ID for safety engineering	
B10d N.C.	20 x 10 ⁶ cycles
B10d N.O.	1 x 10 ⁶ cycles

Standards	
	DIN EN 60947-5-1
	DIN EN ISO 13849-1

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

Notes	
	Type 1 enclosure ("indoor use only") acc. to UL50