

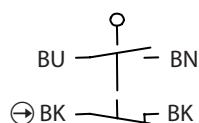
Plastic bodied limit switch

Series I49

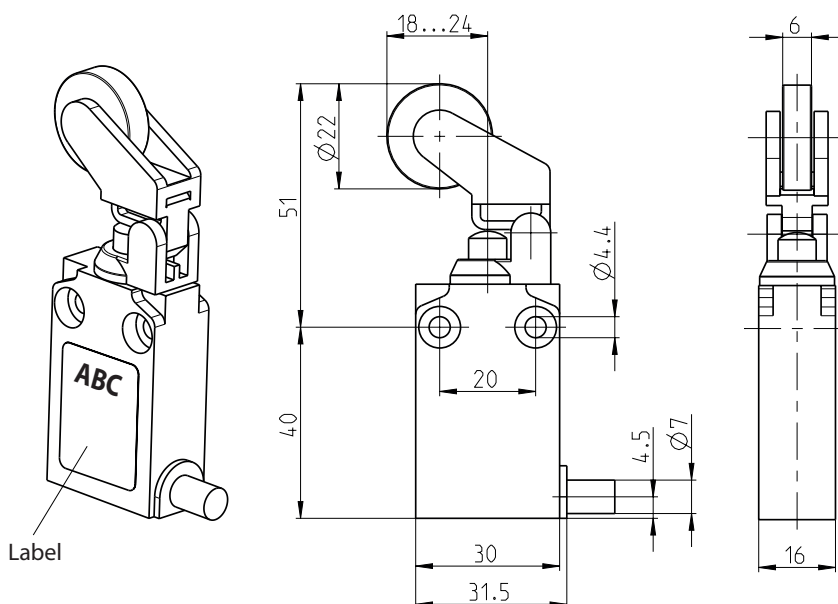
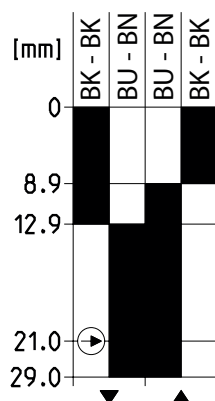
Description **I49-SU1Z KNK 5M**

Article number **6189875100**

Operating symbol



Operating diagram



Electrical Data

Rated insulation voltage
acc. to DIN EN 60947-1
acc.to UL 508 and CSA C22-2 n° 14

U_i 400 V (degree of pollution 3)
B300, R300

Conv. thermal current
acc. to DIN EN 60947-5-1) 0 < 40 °C

I_{the} 10 A

Rated operational voltage

U_e 240 V

Utilization category

AC-15, 24 V - 10 A / 120 V - 6 A / 240 V - 3 A
DC-13, 24 V - 2,8 A / 125 V - 0,55 A / 250 V - 0,27 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 10 A gG

Protection class

II, totally insulated

Mechanical data	
Enclosure	Plastic Casing (polymeric)
Actuator	Adjustable lever with nylon wheel
Ambient air temperature	
-during operation	-25 °C ... +70 °C
-for storage	-40 °C ... +70 °C
Contact type	Snap-action switching element, 1 NO, 1 NC
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	60 / min
Velocity for actuating	1 m/s
Resistance between contacts	< 25 mΩ
Connection	PVC 4 x 0,75 mm ² UL cable, 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)

Approvals	
	cUL _{US}

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