

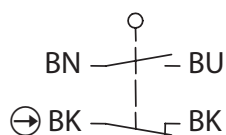
Plastic bodied limit switch

Series I49

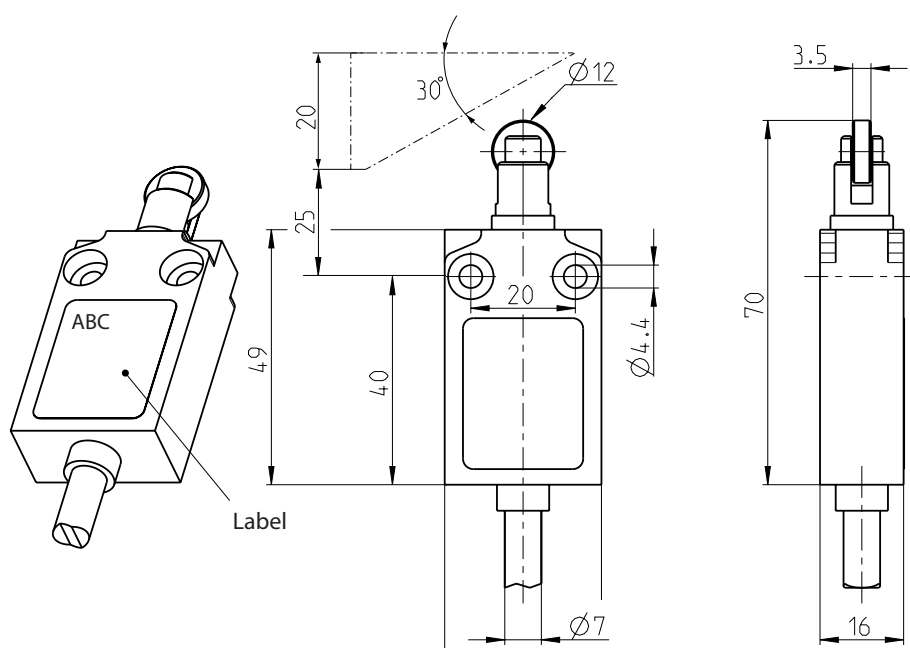
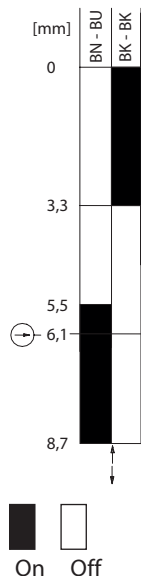
Description **I49-U1Z RIW Z 3,2M**

Article number **6189117103**

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 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 / 240 V - 3 A
DC-13, 24 V - 2.8 A / 125 V - 0.22 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
Actuator	Plunger (stainless steel), roller (stainless steel)
Ambient air temperature	
-during operation	-25 °C ... +70 °C
-for storage	-40 °C ... +70 °C
Contact type	non overlapping slow action contacts, 1 NO, 1 NC
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	60 / min
Velocity for actuating	0,1 m/s
Resistance between contacts	< 25 mΩ
Connection	PVC 4 x 0,75 mm ² UL cable, 3,2 m ±5 %
Installation position	all positions are authorized
Protection type	IP67 acc. to IEC/EN 60529

Standards	
	DIN EN 60947-1
	DIN EN 60947-5-1

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

Approvals	
	cUL _{US}

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