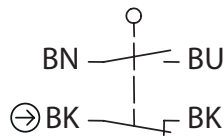


Plastic bodied limit switch Series I49

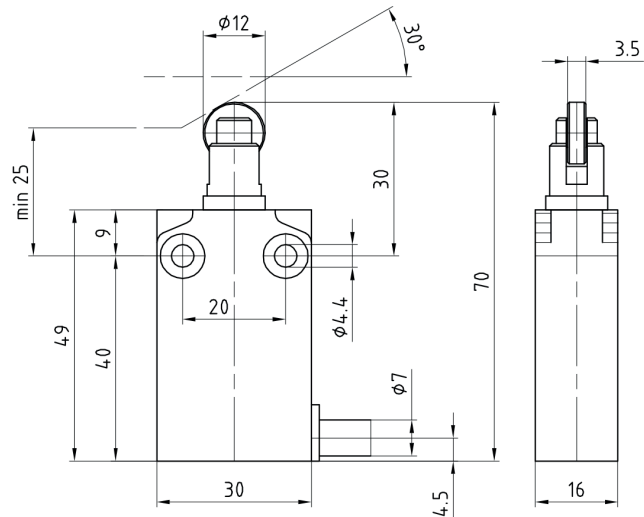
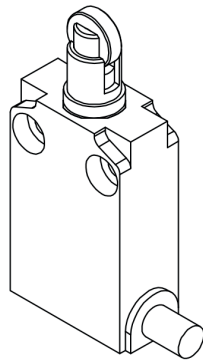
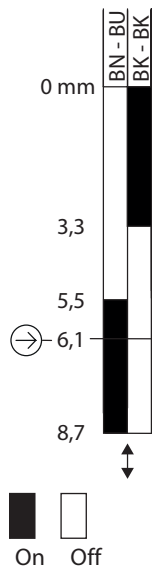
Description **I49-U1Z RIW 0,32M**

Article number **6189117105**

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) $0 < 40^\circ\text{C}$

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

$\Rightarrow$ acc. to IEC/EN 60947-5-1

Short-circuit protective device
 $U_e < 500\text{ V a.c.}$ - gG type fuses

Fuse 10 A gG

Protection class

II, totally insulated

Mechanical data	
Enclosure	Pre-wired, Double insulation, Plastic Casing IP67, 30 mm width (polymeric)
Actuator	Plunger (stainless steel), roller (galvanized)
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	UL cable 4 x 0,75 mm ² x 0,32 m, PVC-Outer jacket; wire stripped 60 mm with cable lug (TE Connectivity - 9-160583-2)
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 2006/95/EC
Approvals	
	cUL _{US}
Notes	
Type 1 enclosure ("indoor use only") acc. to UL50	