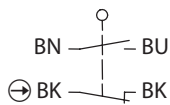


Plastic bodied limit switch

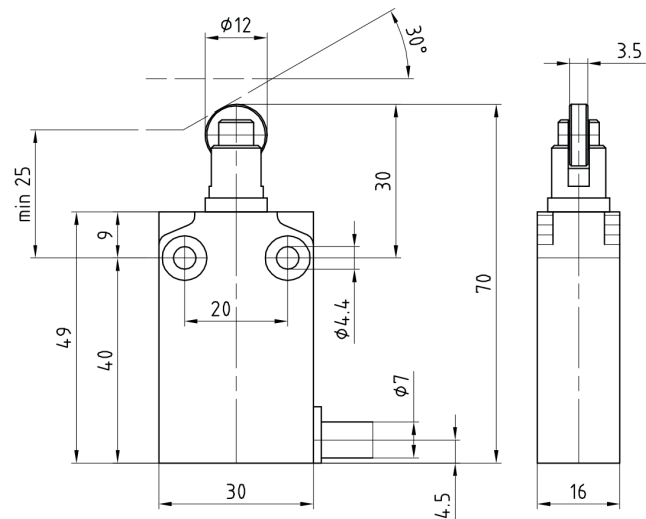
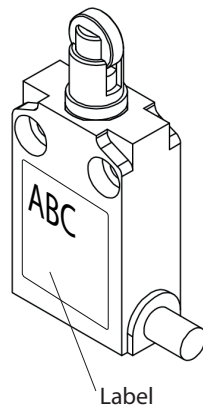
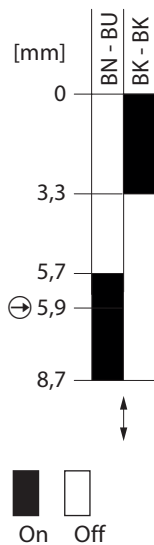
Series I49

Description I49-U1Z RIW 4M	Article number 6189117098
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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
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	PVC 4 x 0,75 mm ² UL cable, 4 m length
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