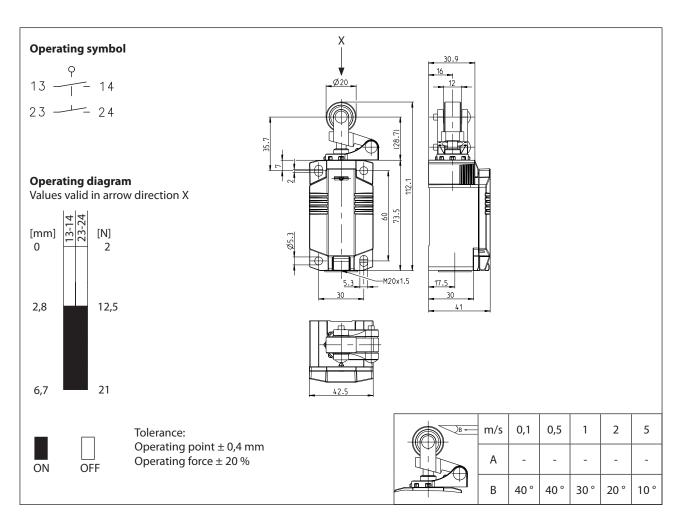


## **Plastic bodied limit switch**

Series IN73

Description IN73-02 HK Article number 6081000030



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	400 V
Rated impulse withstand voltage	$U_{imp}$	4 kV
Rated operational voltage	U <sub>e</sub>	240 V AC / 24 V DC
Rated supply frequency AC		50 / 60 Hz
Overvoltage category		II acc. EN 60947-1 annex H table H1
Conv. thermal current	l <sub>the</sub>	5 A
Minimum current		1 mA
Utilization category		AC 15, U <sub>e</sub> /I <sub>e</sub> 240 V / 3 A; DC 13, U <sub>e</sub> /I <sub>e</sub> 24 V / 1,5 A
Short-circuit protective device		Fuse 4 A gG
Rated conditional short-circuit curre	nt	400 A
Protection class		II, totally insulated

**BERNSTEIN AG** . Hans-Bernstein-Straße 1 . 32457 Porta Westfalica . www.bernstein.eu



Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Lever with roller (thermoplastic)
Operating temperature	-30 °C +75 °C
Storage temperature	-40 °C +80 °C
Protection type	IP66 / IP67 acc. EN 60529, Type 4X – Indoor Use only
Pollution degree (built-in switch)	3
Contact material	silver
Device Class (built-in switch)	Category E (MC3+CC2+SC1) acc. EN 60947-1 annex Q
Contact type	2 N.O.
Bounce duration	The value depends on the operating rate
Switchover time	The value depends on the operating rate
Switching frequency	≤ 60 / min.
Mechanical life	10 x 10 <sup>6</sup> operating cycles
Mission time	≤20 years
Connection	4 screw connections (M3)
Conductor cross-sections	Solid or Litz wire with ferrules 0,34 mm <sup>2</sup> - 1,5 mm <sup>2</sup> ; AWG 22-16
Cable entrance	1 x M20 x1,5
Weight	≈ 0,17 kg
Installation position	operator definable

## Actuation

The actuating device is preferably started from 1 side.

By lifting the clamp the actuation assembly can be rotated in 45° increments such that 8 actuation directions are possible. The actuation assembly is to be again fastened to the housing by lowering the clamp.

ID for safety engineering	
B10d N.O.	1 x 10 <sup>6</sup> cycles

Standards	
	DIN EN 60947-5-1
	UL 508 / CSA C22.2 No.14
	DIN EN ISO 13849-1
	DIN EN ISO 13849-2

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

Approvals	
	CCC
	$_{c}UL_{us}$

## Notes

The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.

 $\textbf{BERNSTEIN AG} \ . \ Hans-Bernstein-Straße \ 1 \ . \ 32457 \ Porta \ Westfalica \ . \ www.bernstein.eu$