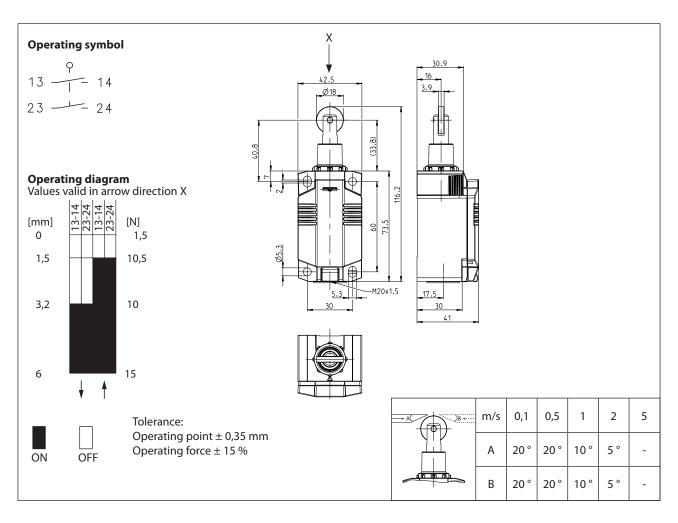


Plastic bodied limit switch

Series IN73

Description IN73-S02 RM Article number 6081000017



Electrical Data		
Rated insulation voltage	U _i	400 V
Rated impulse withstand voltage	U_{imp}	4 kV
Rated operational voltage	U _e	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 _{the}	5 A
Minimum current		1 mA
Utilization category		AC 15, U _e /I _e 240 V / 3 A; DC 13, U _e /I _e 24 V / 1,5 A
Short-circuit protective device		Fuse 4 A gG
Rated conditional short-circuit current		400 A
Protection class		II, totally insulated

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Technical Data



Mechanical data		
Enclosure		Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover		Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator		Roller (stainless steel 1.4104)
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	ms	< 3 ms
Switchover time	ms	< 8 ms
Switching frequency		≤ 60 / min.
Mechanical life		10 x 10 ⁶ operating cycles
Mission time		≤20 years
Connection		4 screw connections (M3)
Conductor cross-sections		Solid or Litz wire with ferrules 0,34 mm ² - 1,5 mm ² ; AWG 22-16
Cable entrance		1 x M20 x1,5
Weight		≈ 0,16 kg
Installation position		operator definable

Actuation

The actuating device is preferably started from 2 sides.

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.

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

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.