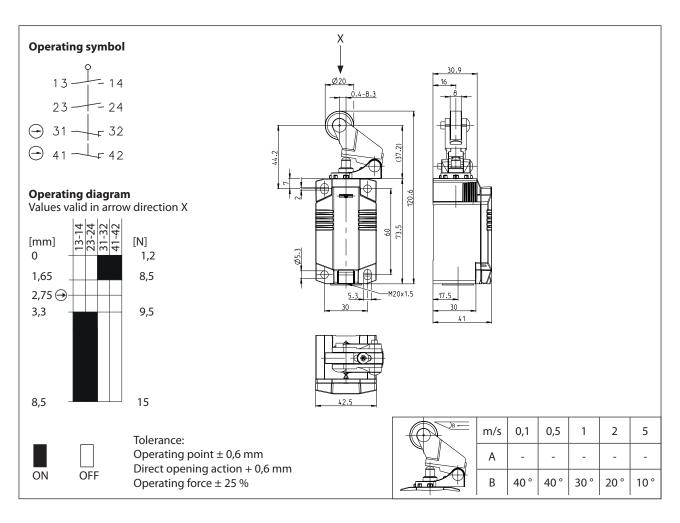


Plastic bodied limit switch

Series IN73

Description IN73-22 DGHK

Article number 6081000044



Electrical Data		
Rated insulation voltage	U _i	250 V
Rated impulse withstand voltage	U_{imp}	2,5 kV
Rated operational voltage	U _e	240 V AC / 24 V DC
Rated supply frequency AC		50 / 60 Hz
Conv. thermal current	\mathbf{I}_{the}	5 A
Minimum current		1 mA
Utilization category		AC 15, U _e /I _e 240 V / 1,5 A; DC 13, U _e /I _e 24 V / 1,5 A
Direct opening action	\odot	acc. IEC/EN 60947-5-1, annex K; direct opening force: 29 N
Short-circuit protective device		Fuse 4 A gG
Rated conditional short-circuit current		400 A
Protection class		II, totally insulated



Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Lever (Zn-die cast), roller (thermoplastic)
Operating temperature	-30 °C +75 °C
Storage temperature	-40 °C +80 °C
Protection type	IP66 / IP67 acc. EN 60529
Pollution degree (built-in switch)	3
Contact material	silver
Contact type	2 N.C. (Form Zb), 2 N.O.
Switching frequency	≤ 60 / min.
Mechanical life	10 x 10 ⁶ operating cycles
Mission time	≤20 years
Connection	8 screw connections (M3,5)
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	≈ 0,19 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	ng	
B10d N.C.	20 x 10 ⁶ cycles	
B10d N.O.	1 x 10 ⁶ 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 2006/42/EC (Safety-of-Machinery-Directive)

Approvals		
	DGUV	(in preparation)
	CCC	(in preparation)
	$_{C}UL_{US}$	(in preparation)

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.

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