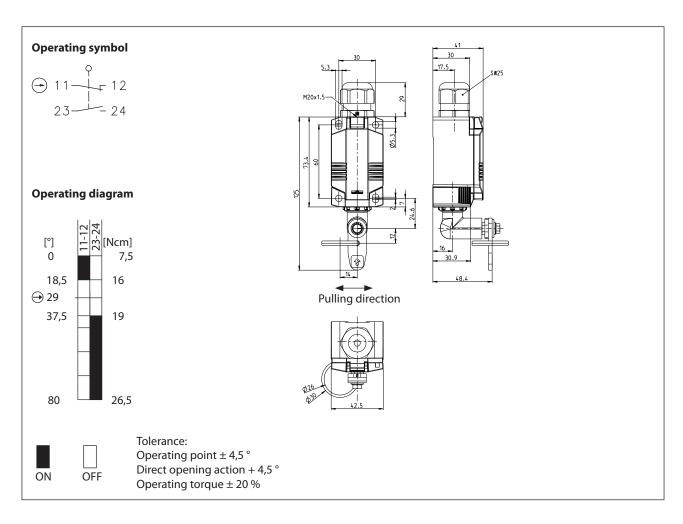


Plastic bodied limit switch

Series IN73

Description IN73-11 AH 08 11

Article number 6181000003



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
Direct opening action	\odot	acc. IEC/EN 60947-5-1, annex K; direct opening force: 24,5 Ncm
Short-circuit protective device		Fuse 4 A gG
Rated conditional short-circuit curre	nt	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	Metal lever with key ring (steel) / lever in 15 ° increments adjustable
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
Device Class (built-in switch)	Category E (MC3+CC2+SC1) acc. EN 60947-1 annex Q
Contact type	1 N.C. (From Zb), 1 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 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 cable gland M20 x1,5 (sealing range Ø5-10 mm)
Weight	≈ 0,23 kg
Installation position	operator definable

Actuation

The actuating device is preferably operated from 2 sides.

By lifting the clamp the actuation assembly can be rotated in 45° increments such that 16 operating 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.