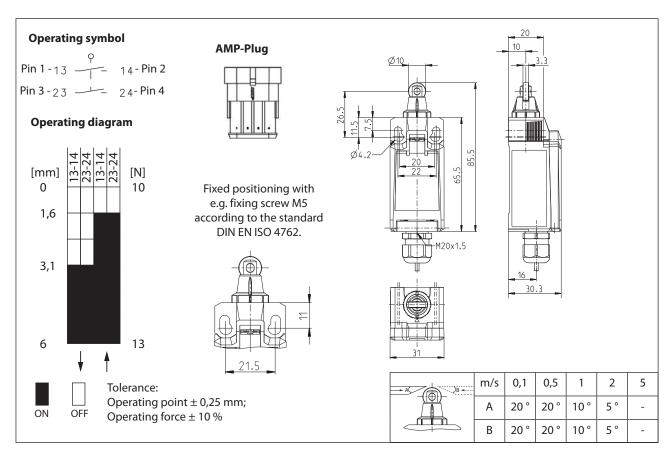


Plastic bodied limit switch

Series IN65

Description IN65-SE2 RK KV0.3

Article number 6183000242



Electrical Data		
Rated operational voltage	U _e	24 V DC
Overvoltage category		II acc. EN 60947-1 annex H table H1
Minimum current		1 mA
Utilization category		DC 13, U _e /I _e 24 V / 4 A
Short-circuit protective device		Fuse 4 A gG
Max. contact resistance		25 mOhm (unused)
Protection class		II, totally insulated

Technical Data



Mechanical data		
Enclosure		Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover		Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator		Roller (Thermoplastic)
Actuating force	F_B	$10 \text{ N} \le F_B \le 30 \text{ N}$
Operating temperature		-30 °C +80 °C (fixed cable) -15 °C +70 °C (cable occasionally moves)
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		2 N.O. (Form Zb)
Operating rate	V	0,06 m/min ≤ V ≤ 30 m/min
Bounce duration	ms	< 3 ms
Switchover time	ms	< 8 ms
Switching frequency		≤ 60 / min.
Mechanical life		15 x 10 ⁶ operating cycles
Mission time switch		≤20 years
Connection		Cable 4 x 0,75 mm ² x 300 mm, gray, halogen free with AMP SUPERSEAL Serie 1.5 plug
Weight		≈ 0,4 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	
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1

EU Conformity	
acc. to directive 2011/65/EU (RoHs)	

Notes

The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent connector. The connector and the cable (fix or flexible mounted) must at least be suitable for the described ambient air temperatures. The connector must not be connected or disconnected when voltage is applied.