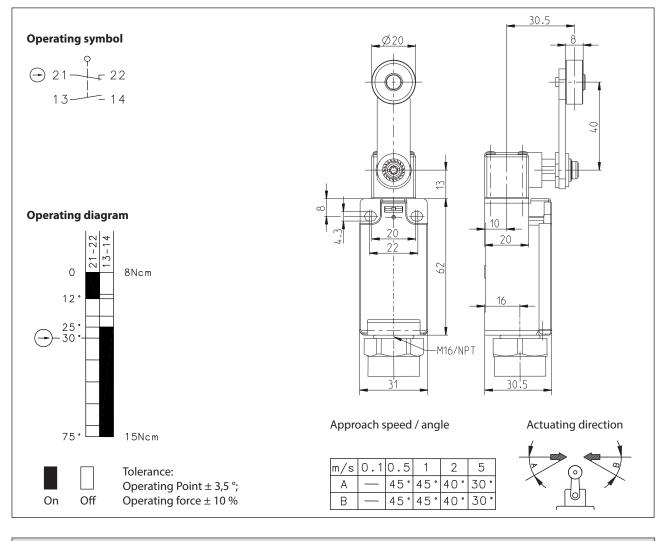


# Plastic bodied limit switch

Series 188

Article number 6186135553



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	250 V AC
Conv. thermal current	$I_{\text{the}}$	10 A
Rated operational voltage	$U_{e}$	240 V
Utilization category		AC-15, U /l 240 V / 3 A
Direct opening action	$\ominus$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
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	Turret head, roller (thermoplastic)	
Ambient air temperature	-30 °C +80 °C	
Contact type	1 NC, 1 NO (Zb)	
Mechanical life	10 x 10 <sup>6</sup> operating cycles	
Switching frequency	≤ 100 / min.	
Assembly	2 x M4	
Connection	4 screw connections (M3,5)	
Conductor cross-sections	Solid: 0,5 1,5 mm² or Litz wire with ferrules: 0,5 1,5 mm²	
Cable entrance	1 x Reduction-ring M16 – ½" NPT (thermoplastic)	
Weight	≈ 0,11 kg	
Installation position	operator definable	
Protection type	IP65 acc. to IEC/EN 60529	

### Actuation

The actuating device is preferably started from 2 sides.

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 actuation directions are possible.

The actuation assembly is to be again fastened to the housing using the 4 screws.

ID for safety engineering		
B10d	20 x 10 <sup>6</sup> switching cycles	

Standards	
VDE	0660 T100, DIN EN 60947-1, IEC 60947-1
VDE	0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
DIN	IN ISO 13849-1

#### **EU Conformity**

acc. to directive 2006/95/EC

#### Approvals

 $_{C}CSA_{US}$  A300 (same polarity)

#### Notes

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

Schindler, ID-No.: 188 648

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