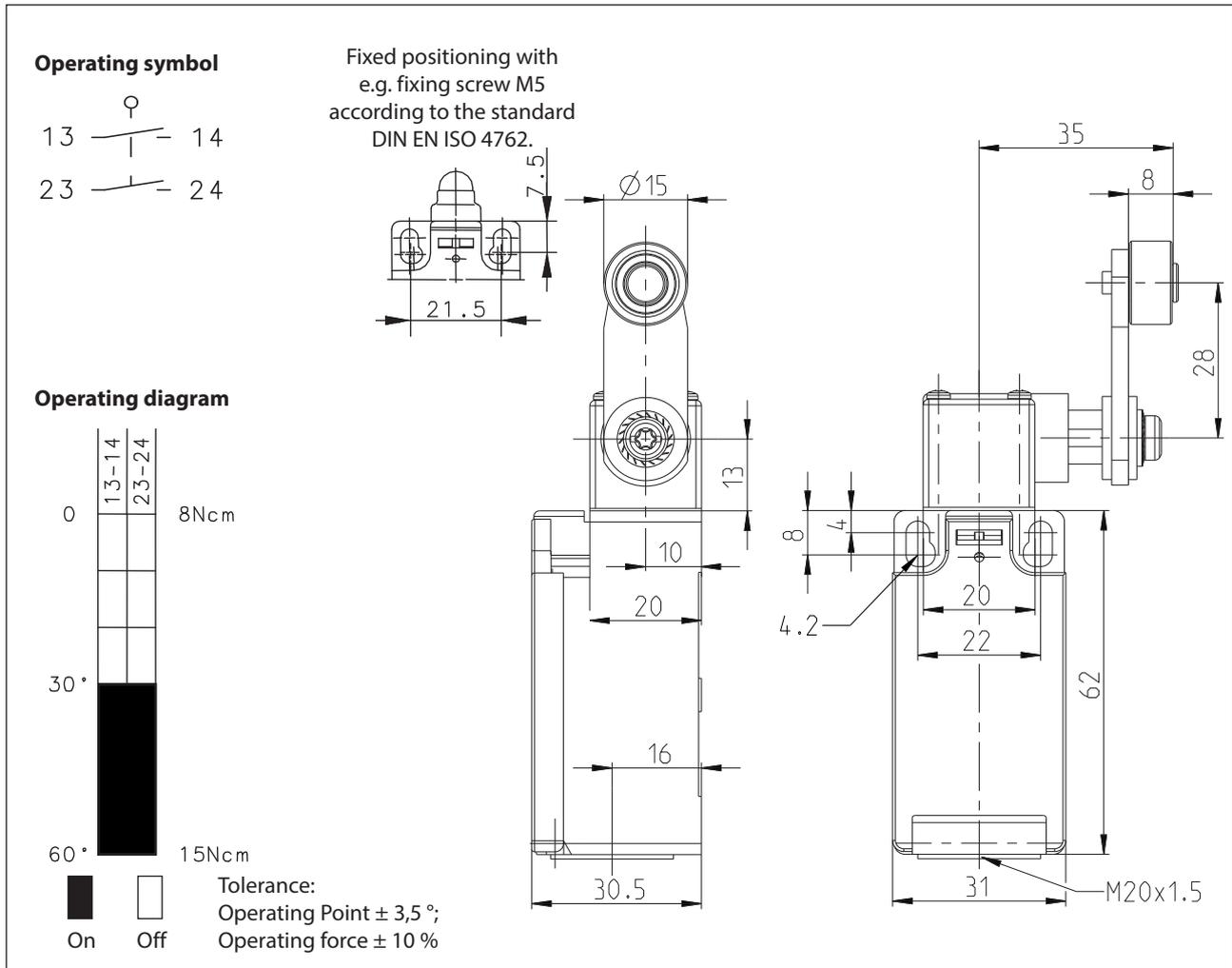


# Plastic bodied limit switch

## Series I88

Description **I88-E2 AHS28 270GR**

Article number **6186835067**



Electrical Data		
Rated insulation voltage	$U_i$	250 V AC
Conv. thermal current	$I_{the}$	5 A
Rated operational voltage	$U_e$	240 V
Utilization category	AC-15, $U_e/I_e$ 240 V / 1,5 A	
Short-circuit protective device	Fuse 6 A gG	
Protection class	II (totally insulated)	

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	2 NO (Zb)
Mechanical life	1 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	4 screw connections (M3)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm <sup>2</sup> or Litz wire with ferrules: 0,5 ... 1,5 mm <sup>2</sup>
Cable entrance	1 x M20 x 1,5
Weight	≈ 0,1 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation	
<p>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.</p>	

ID for safety engineering	
B10d	2 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 EN ISO 13849-1	

EU Conformity	
acc. to directive 2006/95/EC	

Approvals	
cCSA <sub>US</sub> B300 (same polarity)	

Notes	
<p>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.</p>	