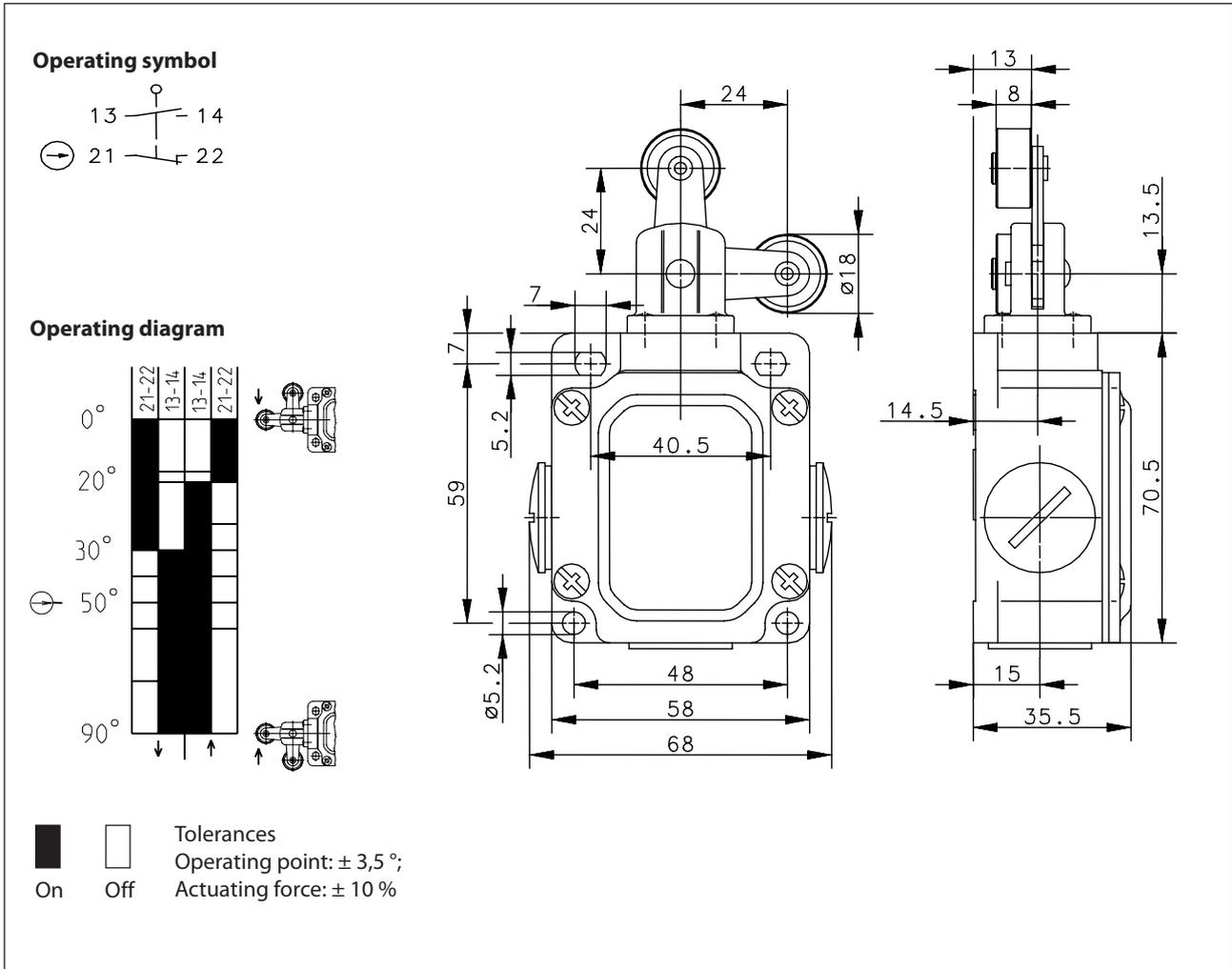


# Metal bodied limit switch

## Series SN2

Description **SN2-SU1Z DR 180GR**

Article number **6033191039**

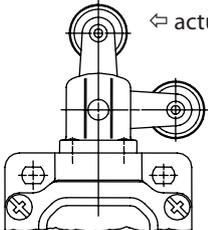


Electrical Data		
Rated insulation voltage	$U_i$	400 V AC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		AC-15, $U_e/I_e$ 240 V / 3 A
Direct opening action	$\ominus$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		I

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever arm housing (Zn-DG), double arm lever (steel), rollers (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	4 x M5
Connection	4 screw connections (M3,5)
Conductor cross-sections	0,5 – 1,5 mm <sup>2</sup> (solid or stranded wire with ferrules)
Cable entrance	3 x M20 x 1,5
Weight	≈ 0,17 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

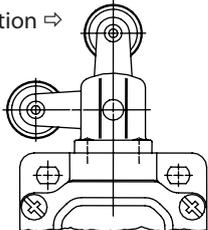
**Actuation**

The actuation direction can be approached from two sides. Depending on the the basic position (1 or 2) of the actuator approach direction is specified.



↔ actuation direction

basic position 1



actuation direction →

basic position 2

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.

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU

Approvals
cCSA <sub>US</sub>
UL

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.