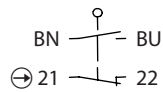


## Metal bodied limit switch

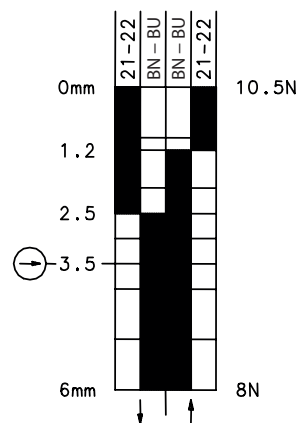
### Series SN2



Description **SN2-SU1Z DGHW**Article number **6133371045**

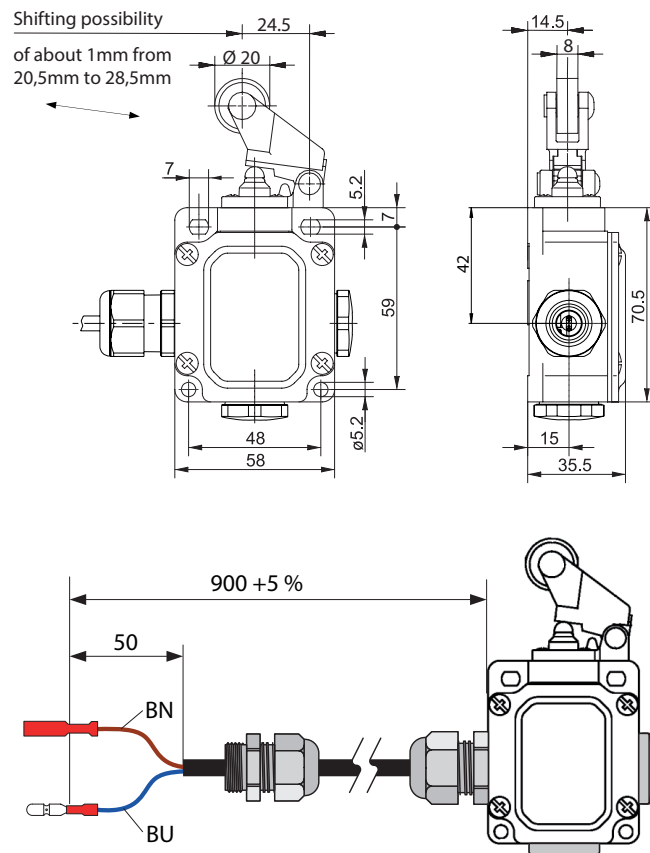
### Switching symbol



### Switching diagram



 ON
  OFF
 Tolerance:  
 Operating Point  $\pm 0,25$  mm;  
 Operating torque  $\pm 10$  %



**Electrical data** (applies to switch without cable)

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	$\rightarrow$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever (zinc die casting), 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	4 x M5
Connection on the built-in switch	4 screw connections (M3,5)
Possible conductor cross-sections on the built-in switch	0,5 – 1,5 mm <sup>2</sup> (solid or stranded wire with ferrules)
Cable entrance	3 x M20 x 1,5
Weight	≈ 0,25 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation
By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 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 (Low-Voltage-Directive)

Approvals
cCSA <sub>US</sub>
UL

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> <p>Switch wired with the following cable:</p> <ul style="list-style-type: none"> <li>• Cable outlet through cable gland</li> <li>• Cable 2 x 1,0 mm<sup>2</sup>; PVC-Outer jacket, black</li> <li>• Conductor, PVC-Outer jacket, brown with female crimp terminal bullet, 4 mm, red</li> <li>• Conductor, PVC-Outer jacket, blue with male crimp terminal bullet, 4 mm, red</li> <li>• Cable marker, black on white</li> </ul>