

Metal bodied limit switch

Series GC

Description GC-SU1Z KGIW	Article number 6021379640
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Operating symbol

Operating diagram

On
 Off

Tolerance:
 Operating point $\pm 0,25$ mm;
 Actuating force ± 10 %

The push bolt actuator is mainly intended to be actuated along its axis.

Blind hole for fitting pin $\varnothing 4$; 5.5 deep

	m/s	0,1	0,5	1	2	5
A	-	-	-	-	-	-
B	40°	40°	30°	20°	-	-

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 (steel), Roller (thermoplastic)
Ambient air temperature	-30° C ... +80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	4 screw connections (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	1 x M20 x 1,5
Weight	≈ 0,17 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation
<p>The actuating device is preferably started from 1 side. 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.</p>

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

Approvals
cCSA _{US} A300 (same polarity)
CCC

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.