

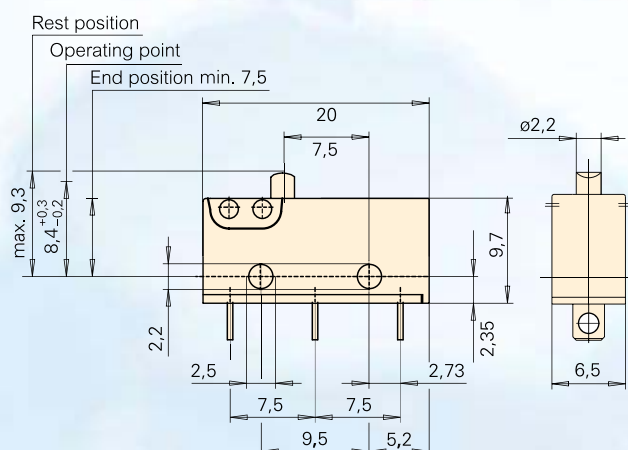
DZ subminiature switch

Features

- Positive break action on NC contact
- Precision switch with high switch accuracy
- Various auxiliary actuators (can also be retrofitted) two mounting positions
- Various terminal types available



Dimensions in mm



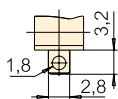
Technical specifications

Contact configuration	S.P.D.T., S.P.S.T. - N.C.
Contact gap	< 3 mm (μ)
Switching voltage	250 V AC
Switched current	3 (3) A
Operating force	220 cN without auxiliary actuator
Total travel	1,6 mm
Mechanical life	Min. 1×10^6 operations
Electrical life	5E4
Ambient temperature	-20 to +85 °C
Ambient temperature	PTI 250
Materials	
Base/Cover	PET (UL 94 V-0)
Actuator	POM (UL 94 HB)
Positive break lever	LCP (UL 94 V-0)
Contact material	AgSnO
Terminals	CuZn (silver-plated)
Auxiliary actuator	Stainless steel
Approvals	   
Degree of protection (switch interior)	IP40

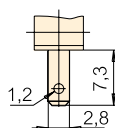
For detailed information and the layout of the details described above, please do not hesitate to ask for our technical specifications and drawing.

Terminals

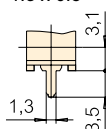
Solder terminal
short



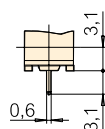
Q.C. terminal
2.8 x 0.5



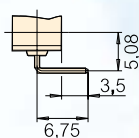
PCB terminal
1.3 x 0.5



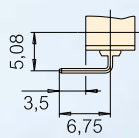
PCB terminal
0.6 x 0.5



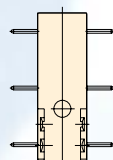
PCB terminal
0.6 x 0.5 RH-side
w/o location pins



PCB terminal
0.6 x 0.5 LH-side
w/o location pins

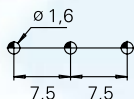


Side definition
side left or side right

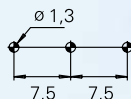


Drilling patterns

PCB terminals underside
1.3 x 0.5 mm



PCB terminals underside and lateral
0.6 x 0.5 mm



Electrical rating and operating life (2)

Electrical rating according to EN 61058	UL 1054	Electrical life (Operations) acc. to EN	acc. to UL	Mechanical life	Max. operating force (cN)	Code
3 (3) A 250 V AC	5 A 125–250 V AC	50.000	6.000	1 x 10 ⁶	220	1

Contact configuration (3)

Contact configuration	Code
S.P.S.T. - N.C.	F
S.P.D.T.	G

Terminals (4)

Type of terminal	Code
Q.C. terminal 2,8 x 0,5 mm, straight	B1
Solder terminal, short	A1
PCB terminal 1,3 x 0,5, straight	C1
PCB terminal 0,6 x 0,5, straight	D1
PCB terminal 0,6 x 0,5, right-hand side	D4
PCB terminal 0,6 x 0,5, left-hand side	D5

Auxiliary actuator options (5)

Model	Code
Without auxiliary actuator	Radius shape BA
Other options on request.	

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