

Leaf spring mechanism

- Micro switches design B acc. to DIN 41635
- functional final inspection and testing
- solid design
- high-quality materials
- very exact switching position
- Version 100mA 12VDC with Au plated contacts on request

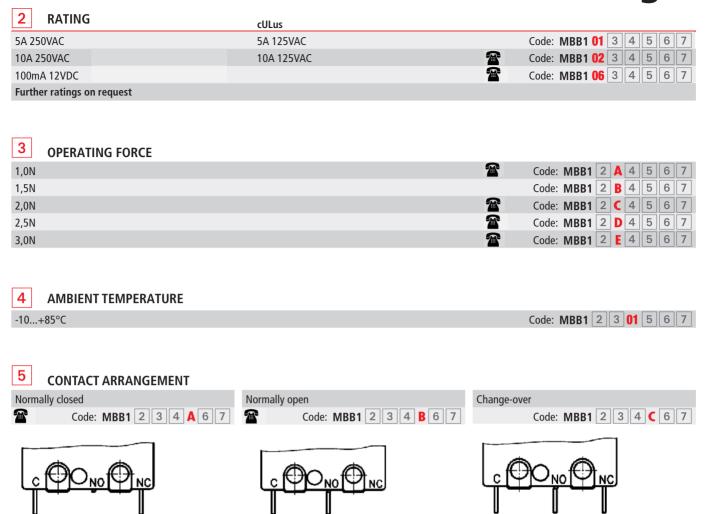
Micro switches, also known as snap action switches, are primarily used as limit switches, but are also suitable for many other industry applications. The actual switching speed is completely independent from the speed of operation. ISO 9001:2000 approved production together with 100% functional final inspection and testing guarantee reliable operation. These products reflect our long standing experience in design and production of high quality switches.

MECHANICAL DATA	
Mech lifetime	

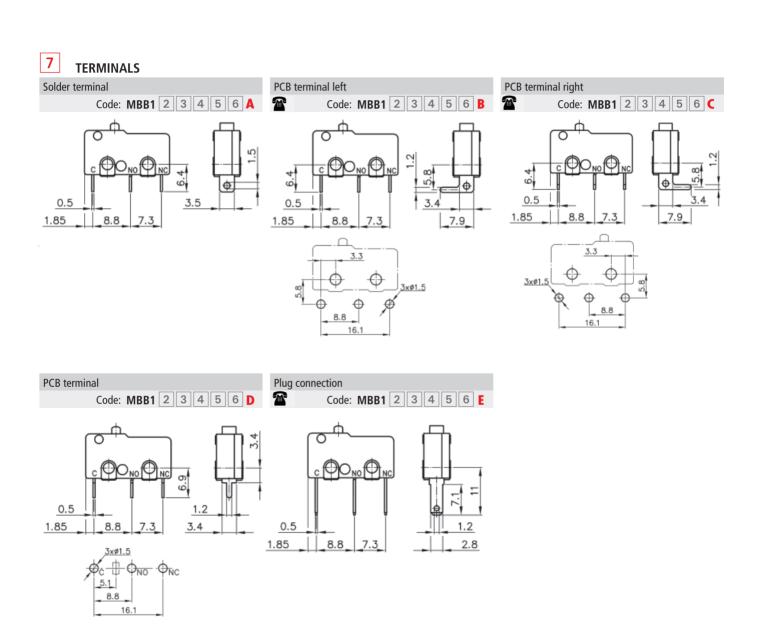
1 000 000 actuations
min. 10 000 actuations
≤ 0,2mm
≤ 0,8mm
min. 0,5mm
9,1 ±0,4mm
<3mm (μ)

OTHER DATA

OTTIEN DATA		
Approvals	VDE, cULus	
MATERIAL		
Housing	PBT	
Cover	PBT	
Actuator	PPS	
Terminals	CuZn Ag plated	
Contacts	AgNi	
Contact spring	CuBe	



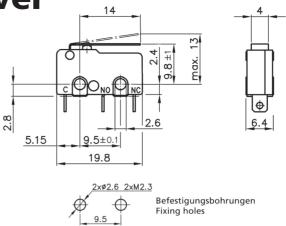
ACTUATOR Plunger Code: MBB1 2 3 4 5 01 7



OVERVIEW ACTUATORS / TRAVEL / FORCES

		Actual	Legi Oreco	ing force on older	g ^t Operation	Store of lever	overtove)	Rosertes	tree oci	tior Opening poil	or
	Code	mm	≤ N	Code	≤ N	≤ mm	min. mm	≤ mm	≤ mm	mm	
Plunger	01	-	1,0	Α	-	0,8	0,5	0,2	10,3	9,1 ±0,4	
			1,5	В							
			2,0	С							
			2,5	D							
			3.0	Е							



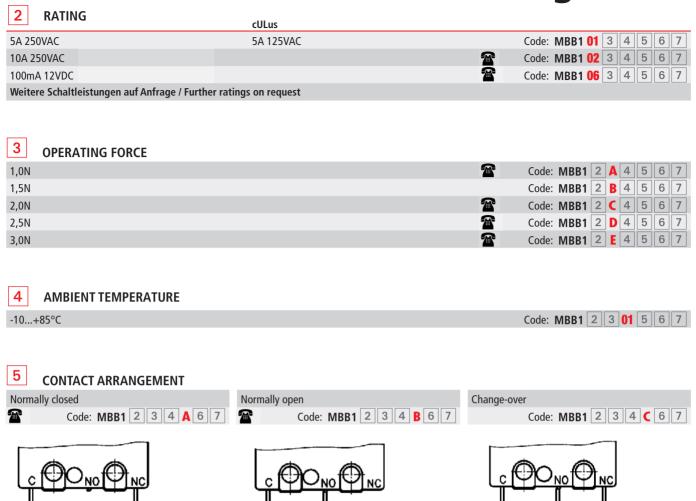


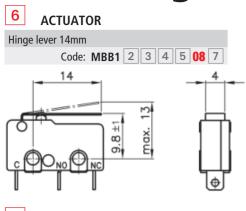
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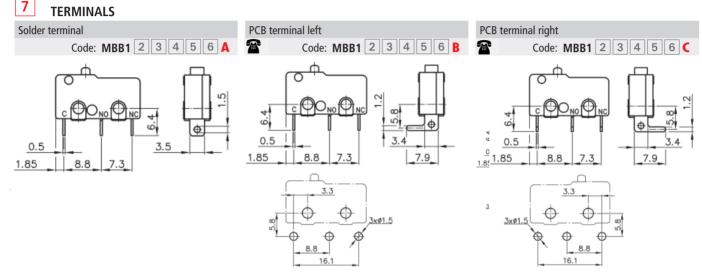
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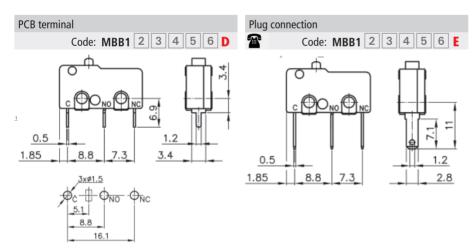
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MECHANICAL DATA	
Mech. lifetime	1 000 000 actuations
Electrical lifetime	min. 10 000 actuations
depending on switching capacity	
Movement differential	Please see overview next page
Pretravel	Please see overview next page
Overtravel	please see overview next page
Operating position	please see overview next page
Contact opening	<3mm (μ)
OTHER DATA	
Approvals	VDE, cULus
MATERIAL	
Housing	PBT
Cover	PBT
Actuator	PPS
Terminals	CuZn Ag plated
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Contact spring	CuBe



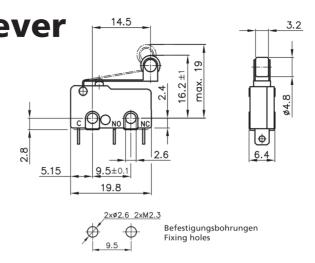






OVERVIEW ACTUATORS / TRAVEL / FORCES

		Actuato	le l	ing force on oliver	ge ^t Operation	Andre Orienta de la Presidente	Overtrave)	Movemen	Littledential	ope single	odition
	Code	mm	≤ N	Code	≤ N	≤ mm	min. mm	≤ mm	≤ mm	mm	
Hinge lever 14mm	08	14	1,0	Α	0,30	4,2	1,0	0,8	13,0	9,8 ±1	
			1,5	В	0,45						
			2,0	С	0,60						
			2,5	D	0,75						
			3.0	F	0.90						



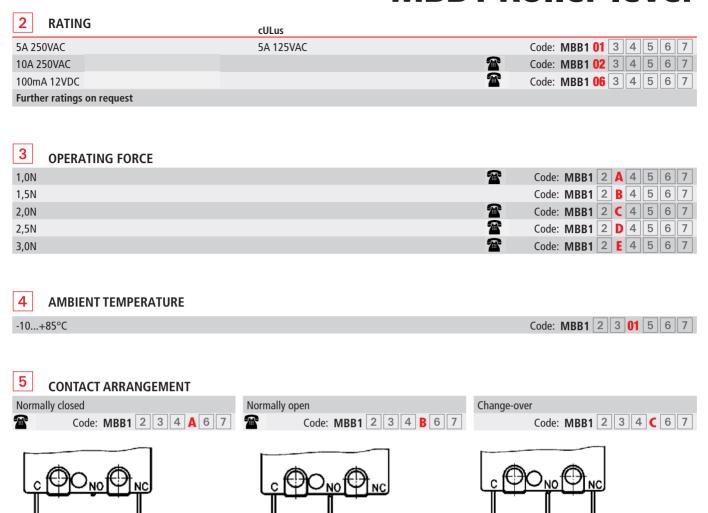
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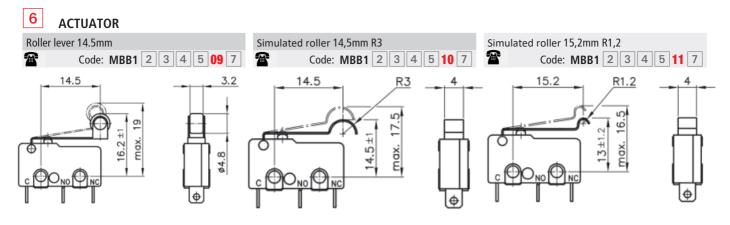
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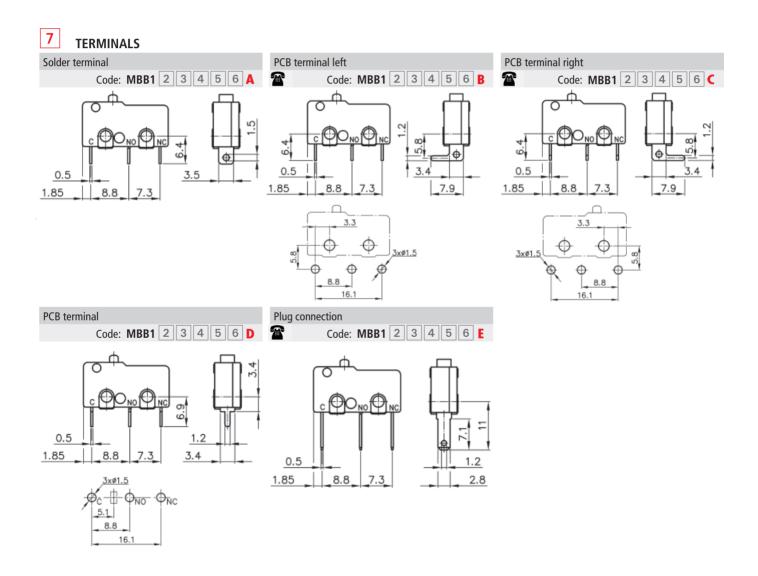
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		Activator	opera de la companya	ne force on ollure	ę operation	Store of leter	Overtical	anoveree.	t little le fils le fait de la fa	operating of	stion
	Code	mm	≤ N	Code	≤ N	≤ mm	min. mm	≤ mm	≤ mm	mm	
Roller lever 14,5mm	09	14,5	1,0	Α	0,30	3,8	1,2	0,8	19,0	16,2 ±1	
			1,5	В	0,45						
			2,0	C	0,60						
			2,5	D	0,75						
			3,0	E	0,90						
	Code	mm	≤ N	Code	≤ N	≤ mm	min. mm	≤ mm	≤ mm	mm	
Simulated roller lever 14,5mm	10	14,5	1,0	Α	0,30	4,0	1,2	0,8	17,5	14,5 ±1	
			1,5	В	0,45						
			2,0	C	0,60						
			2,5	D	0,75						
			3,0	E	0,90						
	Code	mm	≤ N	Code	≤ N	≤ mm	min. mm	≤ mm	≤ mm	mm	
Simulated roller lever 15,2mm	11	15,2	1,0	Α	0,25	4,7	1,2	0,8	16,5	13 ±1,2	
			1,5	В	0,38						
			2,0	С	0,50						
			2,5	D	0,63						
			3,0	E	0,75						