GIOVENZANA
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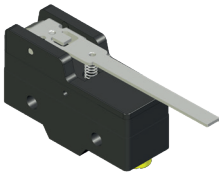
EN
datasheet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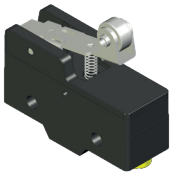
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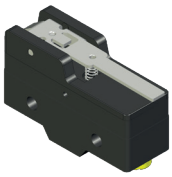
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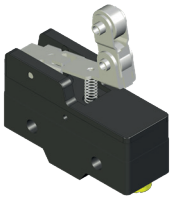
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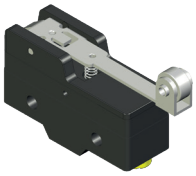
MZS1703

MZS17...

MICROSWITCH WITH M4 × 5.5 mm TERMINAL SCREWS, INTERNAL GEAR WASHER AND HINGE ACTUATOR

- Microswitch
- Terminal: M4 × 5.5 mm screws
- Actuator: hinge
- Contacts: 1 NC + 1 NO (snap action)
- Marking: CE, UL, UKCA

M	Z	S	1	7		
Series		**Terminal type**	**Actuator configuration**		**Actuator**	

Series
MZ microswitches

Terminal type
S screw terminals

Actuator configuration
13 hinge

Actuator
01 hinge lever
02 short hinge lever
03 hinge roller lever
04 short hinge roller lever
44 unidirectional hinge roller lever

Rating								
Rated contact voltage	UL61058	125	250	VAC	125	250	VDC
Maximum contact current		15	15	A	0.5	0.25	A
Electrical characteristics								
Maximum contact resistance	initial	15 mΩ						
Minimum insulation resistance	at 500 VDC	100 MΩ						
Dielectric withstanding voltage	for 1 minute	1000 VAC (50 or 60 Hz)						
Mechanical characteristics								
Operating speed		0.1 mm/s ... 1 m/s						
Operating frequency		30 operations per minute						
Vibration		10 ... 55 Hz, 1.5 mm double amplitude						
Minimum operating life	electrical	100000 cycles						
	mechanical	1000000 cycles						
Climatic characteristics								
Operating temperature	UL certified	0 ... +55°C (maximum humidity of 60%)						
Degree of protection	with accessory	IP40						

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This document cannot therefore be considered a contract with third parties.

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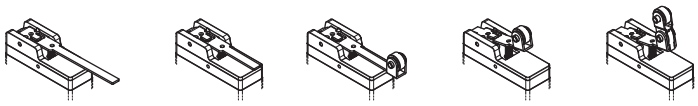
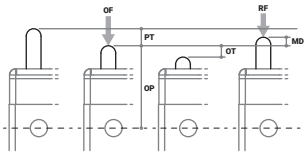
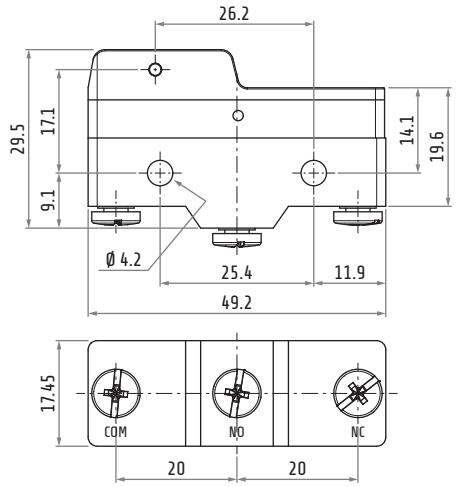


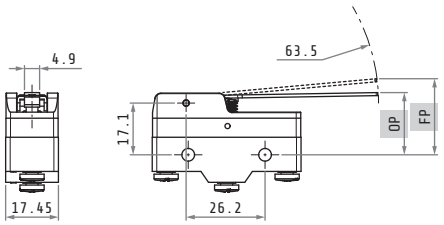
		MZS1701	MZS1702	MZS1703	MZS1704	MZS1744	
OF	max	70	90	100	160	170	g
RF	min	14	18	22	42	42	g
PT	max	10	7	7.1	2.7	2.7	mm
OT	min	5.6	3.5	4	2.4	2.4	mm
MD	max	1.27	1	1.02	0.5	0.51	mm
FP	max	28.2	26.2	36.5	32.5	43.6	mm
OP		19 ±0.8	19.8 ±0.8	30.2 ±0.8	30.2 ±0.4	41.3 ±0.8	mm

OF	Operating force
RF	Release force
PT	Pretravel
OP	Operating position
OT	Overtravel
MD	Differential movement





Screw mounting tightening torque: 1.2-1.5 N×m / 10.6-13.3 lb×in



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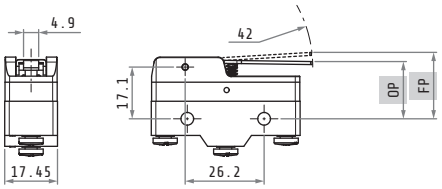

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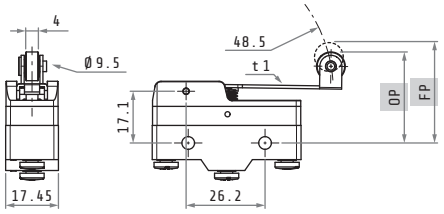

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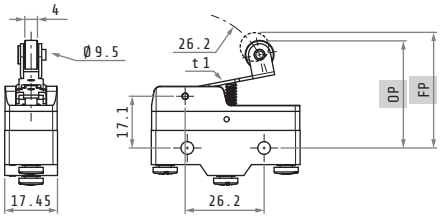

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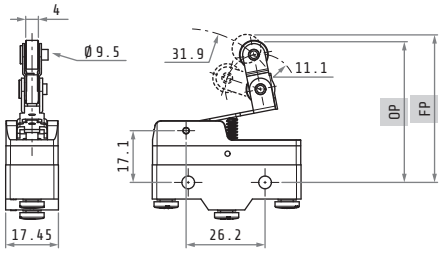

MZS1744

Dimensions in mm
Illustrations NOT in scale

(1) 2 hexagonal brass nuts 3×15 mm
(2) 2 hexagonal nuts 3×17 mm
(3) Stainless steel roller