

MFI.ST

**MICROSWITCHES WITH TERMINALS WITH
SCREWS M3 FOR WIRE 1.5 mm²**

Microswitch
Contacts: 1 NC + 1 NO (snap action)
Compliance: IEC/EN61058, UL1054
Marking: CE, UL, CCC, UKCA

Series

MFI.ST microswitches

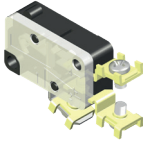
Actuator

- blank pin plunger
- 1 long roller lever
- 2 simulated roller lever
- 3 roller lever
- 4 long lever
- 5 medium lever
- 6 short lever
- 7 16 mm roller lever

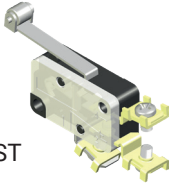
Terminal type and other features

- blank screws M3 for wire 1.5 mm²

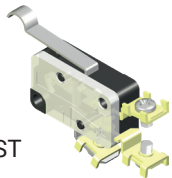
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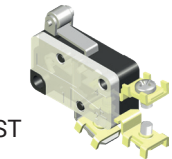
MFI.1ST



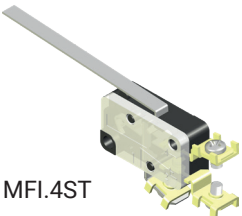
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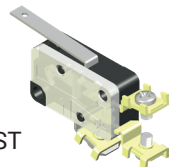
MFI.3ST



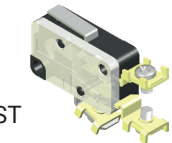
MFI.4ST



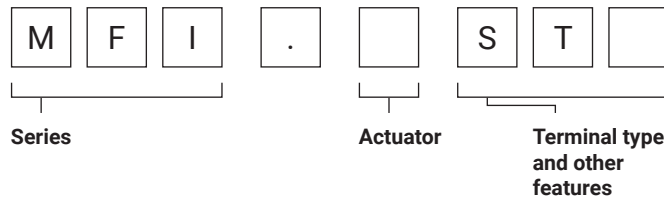
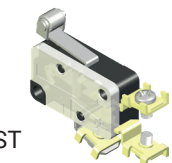
MFI.5ST



MFI.6ST

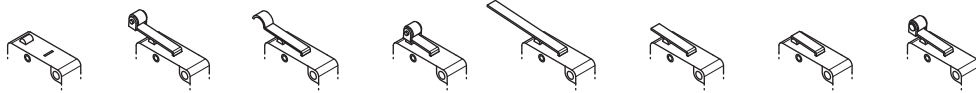


MFI.7ST



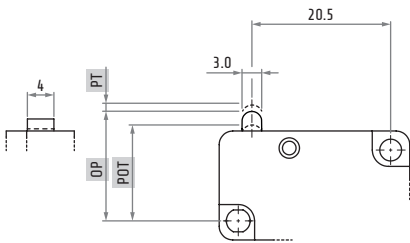
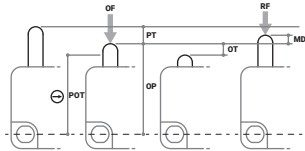
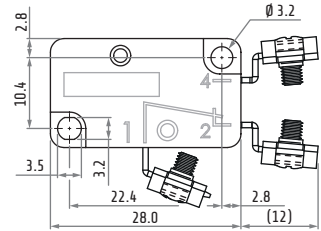
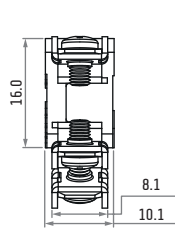
Operating temperature	-25 ... +85°C -13 ... +185°F
Minimum life expectancy	
mechanical	1 × 10 ⁶ cycles
electrical	5 × 10 ⁵ cycles
Rated thermal current	I _{th} 8 A
Rated insulation voltage	U _i 250 V
Rated impulse withstand voltage	U _{imp} 1500 V
Rated operating current	ie
resistive load	8 A - 250 V
inductive load	3 A - 250 V
Pollution degree	2
Protection against electric shock	class II

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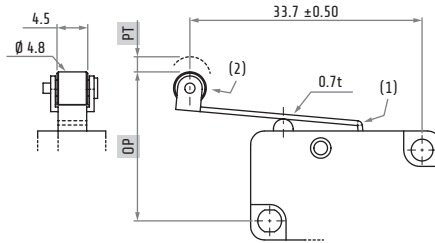


		MFI	MFI.1	MFI.2	MFI.3	MFI.4	MFI.5	MFI.6	MFI.7	
OF	max	5.1	3.2	3.2	5.1	1.3	3.2	5.1	4.5	N
RF	min	1.9	1.0	1.0	1.9	0.15	1.2	1.9	1.9	N
PT	max	1.4	3.3	3.3	1.4	7.6	3.3	1.6	1.8	mm
OT	min	0.8	0.8	0.8	0.6	2.2	0.8	0.6	0.8	mm
MD	max	0.3	0.8	0.8	0.6	2.2	0.8	0.6	0.6	mm
OP		14.4 ±0.5	20.3 ±1.2	18.4 ±1.2	20.3 ±0.8	15.1 ±2.6	15.1 ±1.2	15.1 ±0.6	21.1 ±0.6	mm
POT	⊖	13.4	-	-	19.2	-	-	14.2	19.5	mm

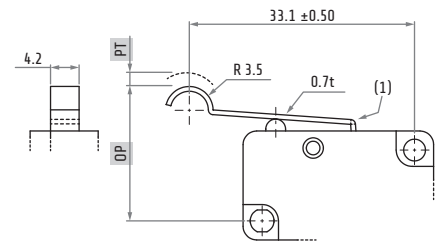
- OF Operating force
- RF Release force
- PT Pretravel
- OT Overtravel
- MD Differential movement
- OP Operating position
- POT Positive opening travel ⊖



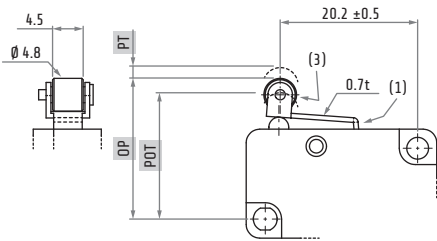
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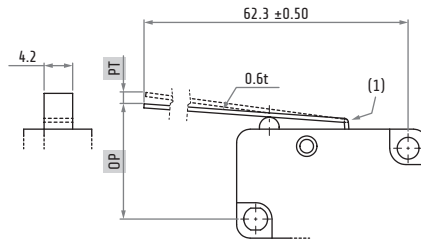
MFI.1ST



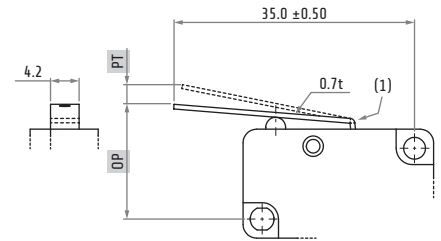
MFI.2ST



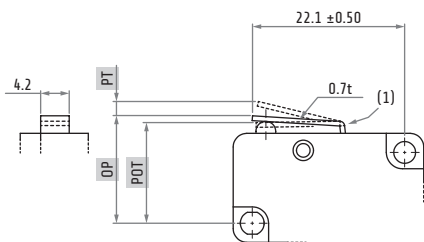
MFI.3ST



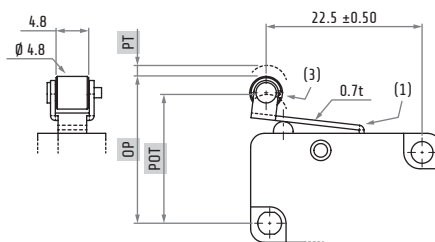
MFI.4ST



MFI.5ST



MFI.6ST



MFI.7ST

Dimensions in mm
Illustrations NOT in scale

- (1) Stainless steel lever
- (2) Plastic material roller
- (3) Stainless steel roller