

CROUZET SWITCHES - TIGHT V4 IP67

83181001

831810 C/O W2S

- Nominal rated current from 0.1 A to 10 A/250 V ac
- Min. rated current 1 mA/4 V dc
- Two possible control arm installation positions

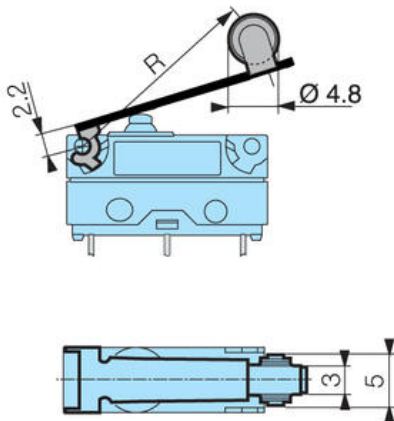


Product description

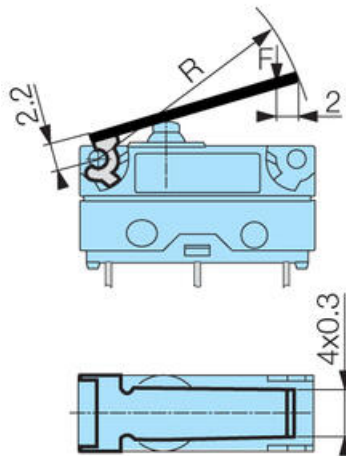
Specifications

Allowable Operating Force Max	10
Connection Thread	W2S
Contact Gap	0.4
Contact type	Changeover (SPDT)
Hysteresis Max	0.15
IP Class	IP67, IP69
Operating Force Max	2.5
Operating Power Total Max	4.2
Over Movement My	0.6
Power Min	0.001
Rated current at 250 V AC	6
Return Movement Force Min	0.8
Sleep Max	9.3
Switching Point	8,4±0,3 mm
Temperature range from	-40
Temperature range to	125
Thermal current at 250 V AC	7.5
Voltage Min	4

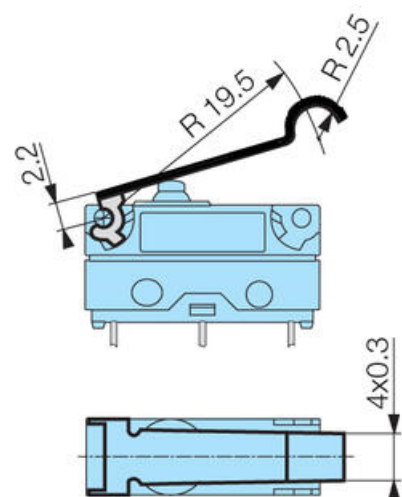
170 E
Arm with roll



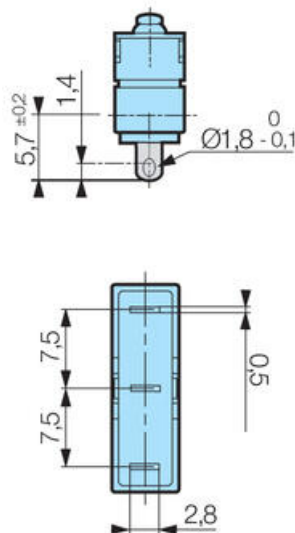
170 A
Straight-arm



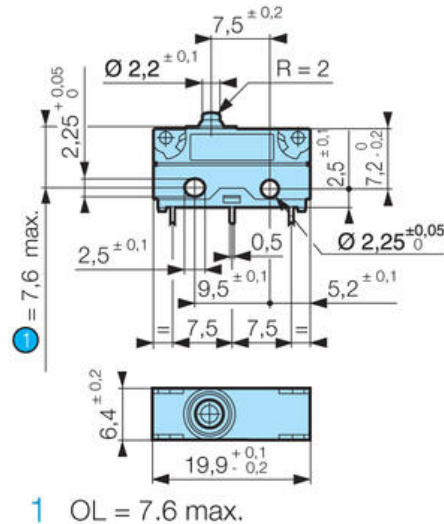
170 F
Arm with simulated scroll



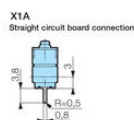
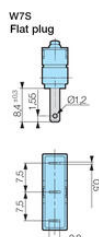
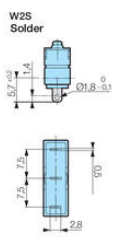
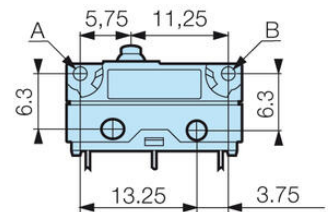
W2S
Solder



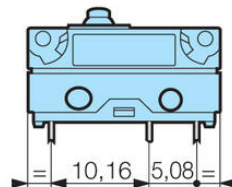
Symmetric version
type 83 180/181/183/186



Mounting bracket

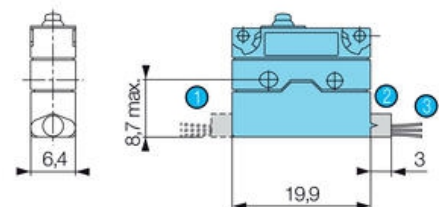


Asymmetric version
typ 83 180/181/183/186



Attached with 2 M2 screws
Torque with screw only:
0.2 Nm, with screw + washer: 0.3 Nm

Cable Outputs

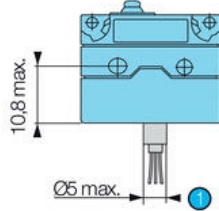


- 1 FG0
- 2 FD0
- 3 Standard 500 mm

Black = Common
Gray = NC
Blue = NO

Cross section:
83181 / 83 183 / 83 186 = 0.5 mm²
83 180 = 0.75 mm²

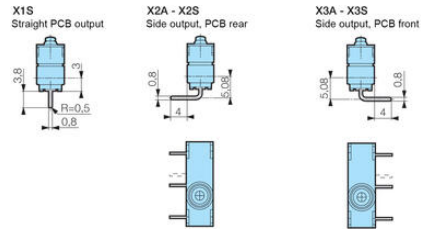
Cable outlet
B0 cable outlet on the bottom



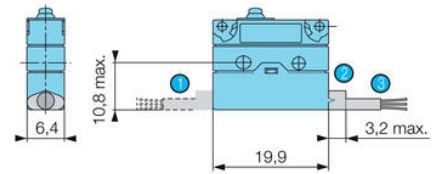
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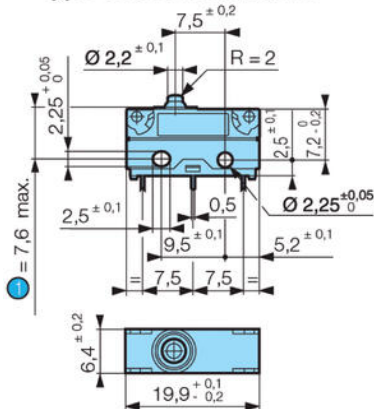


1 CG0
 2 CD0
 3 Standard 500 mm

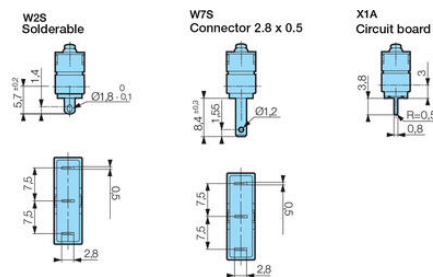
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Cross section:
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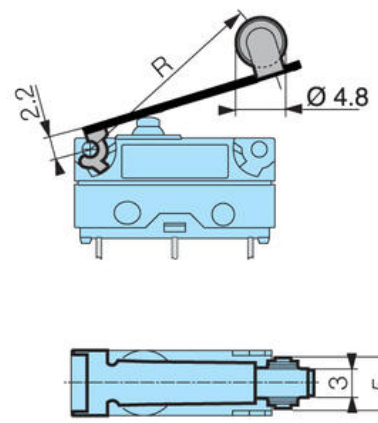
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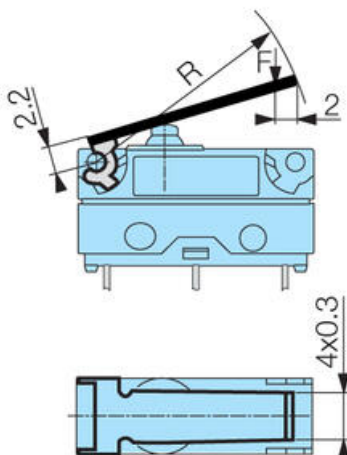
1 OL = 7.6 max.



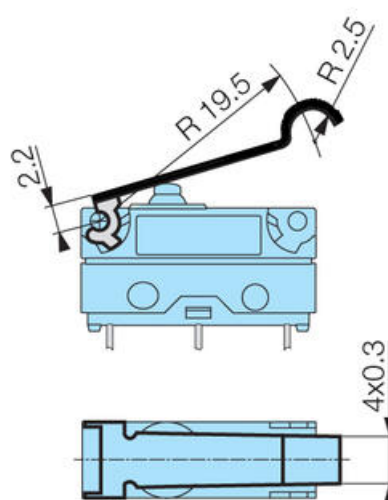
170 E
Arm with roll



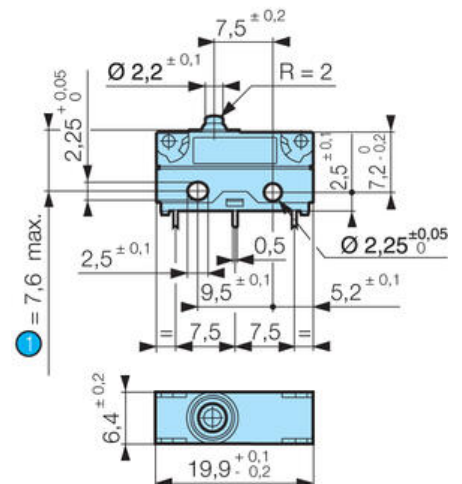
170 A
Straight-arm



170 F
Arm with simulated scroll

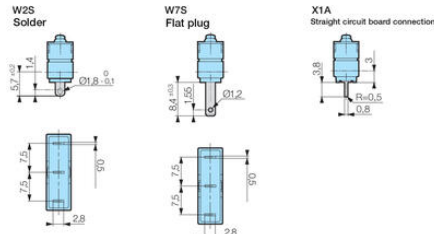
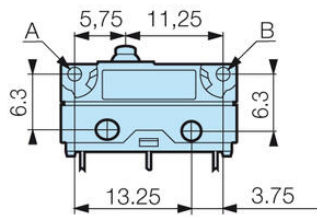


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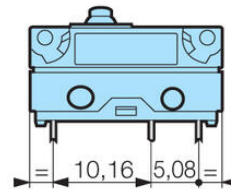


1 OL = 7.6 max.

Mounting bracket



Asymmetric version typ 83 180/181/183/186

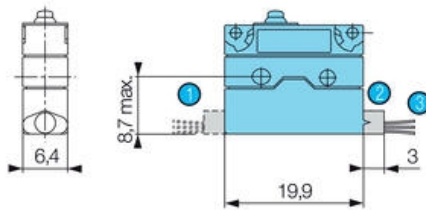


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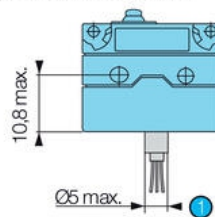
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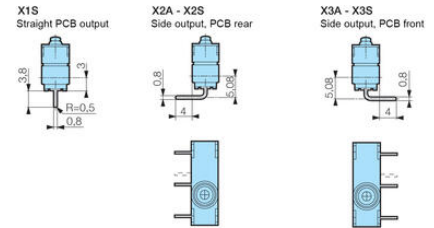
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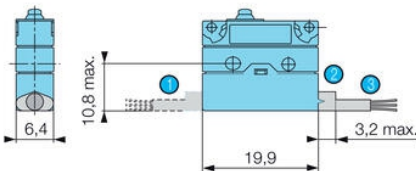
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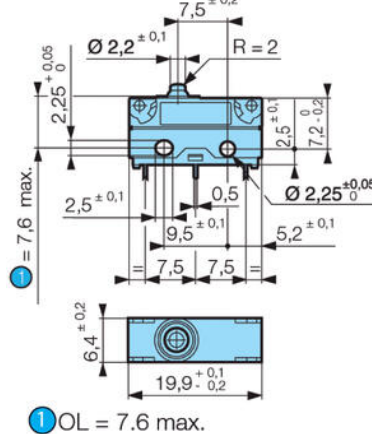
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Cross section:

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Symmetric version type 83 180/181/183/186



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