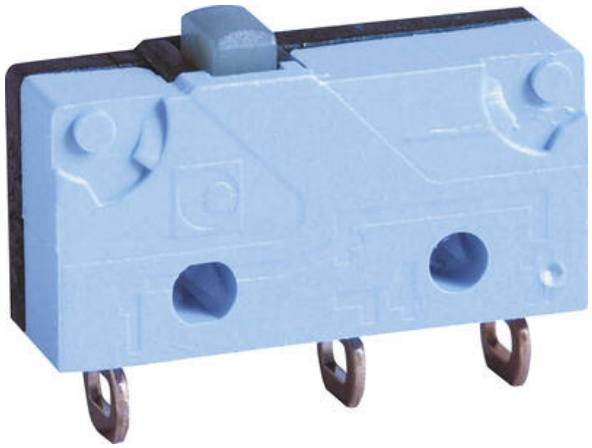
PDF af favoritter

83170 (V4) STANDARD SERIE

Subminiature mikroswitch i DIN-V4-standard

83170002
Mikroswitch CO W2 10A 250VAC, SPDT (form C),
Solder terminals



- 20x10x6 mm
- Koblingsstrøm op til 12 A
- Max. 0.6 N -> 2.2 N
- Op til 30 mill. cyklusser
- IP40

PRODUKTBESKRIVELSE

Den klassiske subminiature mikroswitch i DIN V4-format. En kompakt og alsidig løsning med høj præcision, lang mekanisk levetid og stor fleksibilitet.

Egenskaber

- DIN V4-standard
- Koblingsstrøm op til 12 A
- Driftstemperatur: -40 °C til +150 °C
- Mekanisk levetid op til 30 millioner koblinger
- Stort udvalg af aktuatorer og terminaler

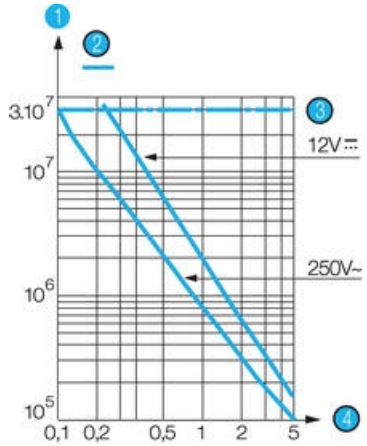
Typiske anvendelser

- Industriel automation
- Maskinbygning
- Endestop og positionsregistrering
-

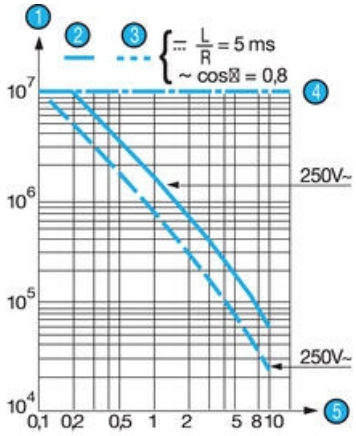
SPECIFIKATIONER

Allowable Operating Force Max	10 N
Contact Gap	0,4 mm
IP-klasse	IP40
Kontakt type	Vekslende kontakt
Max hysterese	0,15 mm
Operating Force Max	1,5 N
Operating Power Total Max	1,8 N
Over Movement My	0,5 mm
Rated current at 250 V AC	10 A
Return Movement Force Min	0,3 N
Sleep Max	9,2 mm
Switching Point	8,4 ±0,3 mm

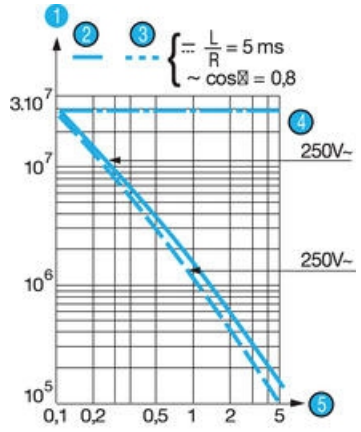
Temperaturområde fra	-40 °C
Temperaturområde til	125 °C
Thermal current at 250 V AC	12,5 A
Tilslutning	W2



1 Number of cycles
2 Resistive load
3 Mechanical life
4 Current (A)



1 Number of cycles
2 Resistive load
3 Inductive load
4 Mechanical life
5 Current (A)



1 Number of cycles
2 Resistive load
3 Inductive load
4 Mechanical life
5 Current (A)

Electrical function

Partially



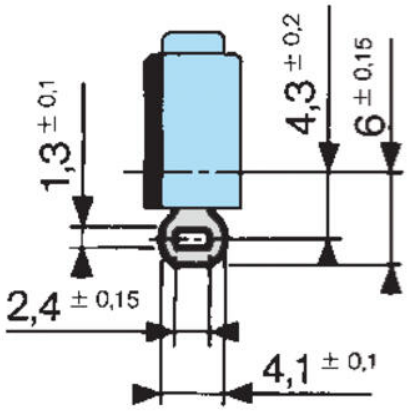
Breaking



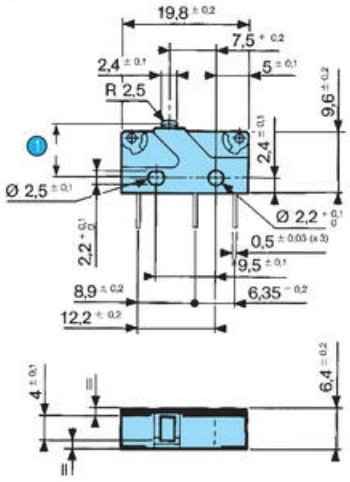
Conclusion



W2

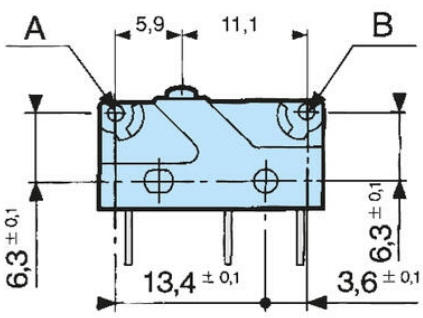


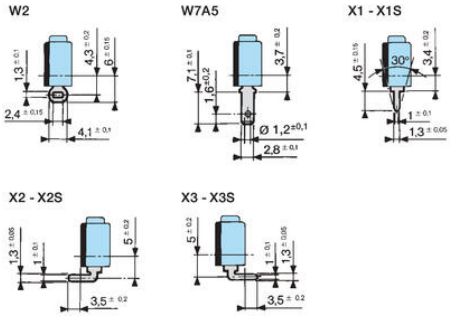
83 170
Asymmetric version



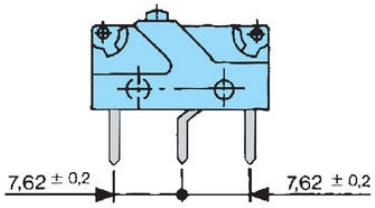
1 OL = 7.6

Mounted with M2 screws
Recommended tightening torque: 2 cm daN

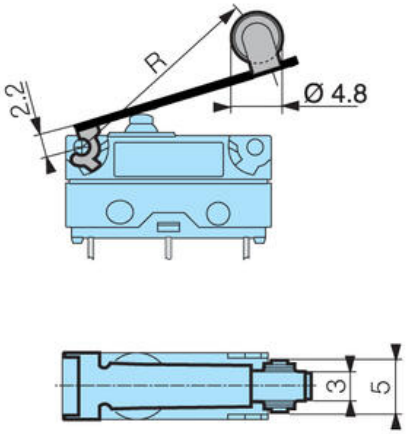




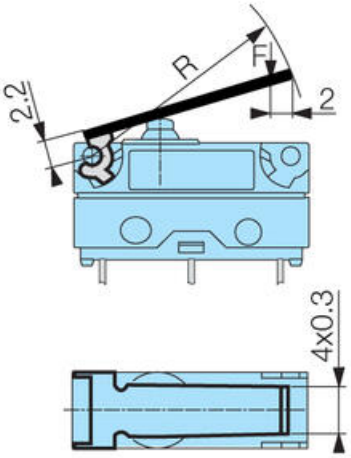
83 170 Symmetrical version



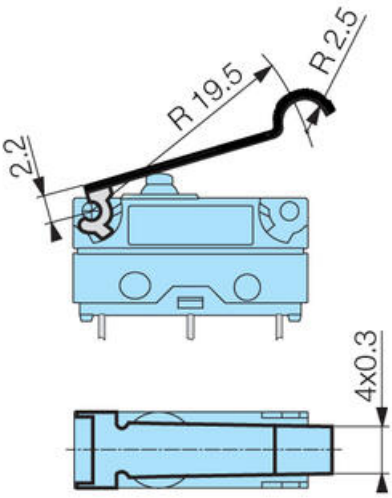
170 E
Arm with roll

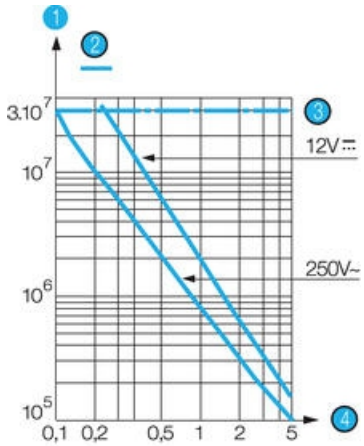


170 A
Straight-arm

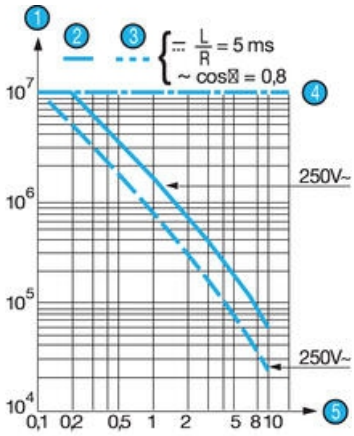


170 F
Arm with simulated scroll

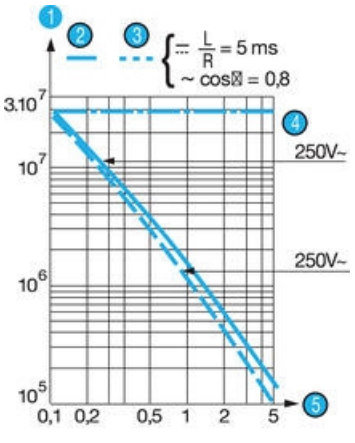




1 Number of cycles
2 Resistive load
3 Mechanical life
4 Current (A)



1 Number of cycles
2 Resistive load
3 Inductive load
4 Mechanical life
5 Current (A)



1 Number of cycles
2 Resistive load
3 Inductive load
4 Mechanical life
5 Current (A)

Electrical function

Partially



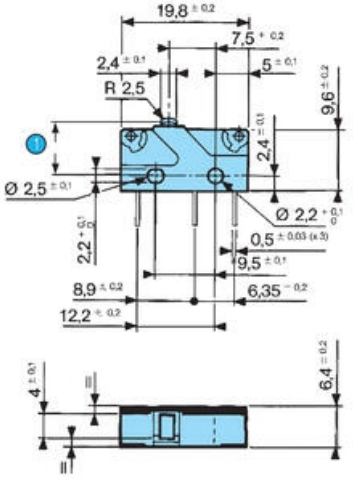
Breaking



Conclusion

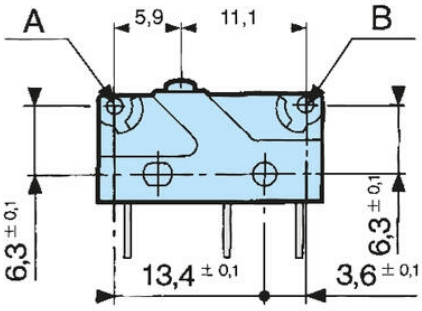


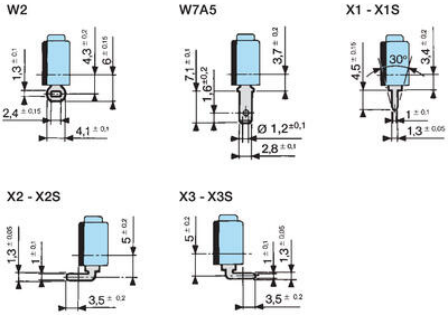
83 170
Asymmetric version



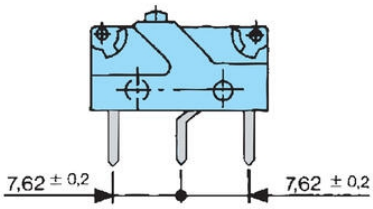
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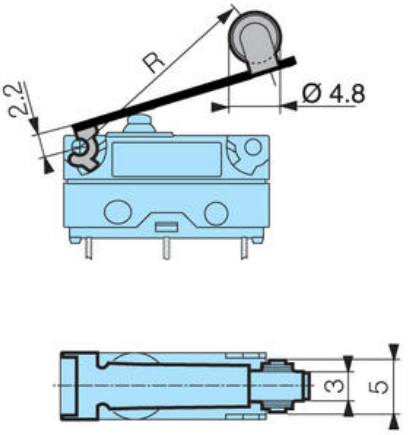




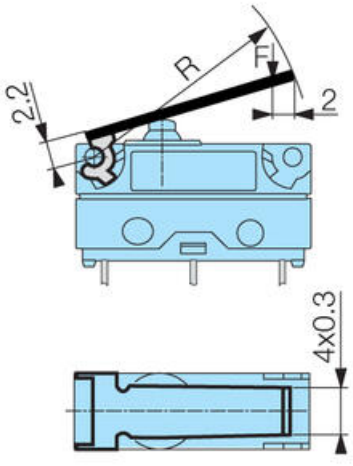
83 170 Symmetrical version



170 E
Arm with roll



170 A
Straight-arm



170 F
Arm with simulated scroll

