

Mikroschalter nach DIN 41635 Form B mit normgerechten Abmessungen, hoher Schaltleistung und vielen Varianten.

Die Schalter SM sind in zahlreichen Applikationen eingesetzt, wie z.B. in Telefonapparaten, Klimaanlage, Computer, Alarmanlagen, Haushaltsgeräten, Spielwaren, Elektrowerkzeugen etc.

Neben den angegebenen Standardtypen (S) sind Schalter mit höheren oder geringeren Betätigungskräften auf Anfrage lieferbar:

Version L (Light): Betätigungskraft ca. 30% geringer als Version S

Version H (High): Betätigungskraft ca. 70% höher als Version S

- hohe Schaltleistung bei sehr kompakten Abmessungen
- selbstreinigender, wischender Sprungkontakt
- viele Varianten (Betätiger, Anschlüsse und Betätigungskräfte)
- langlebiger Sprungkontakt, 1 Wechsler
- UL -und CSA-geprüft
- IP67 Version optional

Microswitches in conformity with DIN 41635, Form B, standard-dimensioned, high switching capacity and many variants.

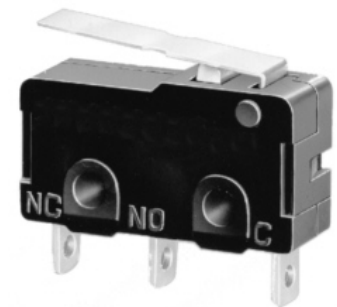
SM switches are used for numerous application purposes, e.g. telephones, air conditioners, computers, alarm systems, household appliances, toys, home electronics, electric tools etc.

Apart from specified standard models (S), switches are available on request with higher or lower actuation forces:

Version L (Light): Actuation force approx. 30% lower than version S

Version H (High): Actuation force approx. 70% higher than version S

- high switching capacity with highly compact dimensions
- self-cleaning, wiping, snap-action contact
- many variants (actuator, terminals and actuation forces)
- durable snap-action contact, 1 double-throw contact
- UL and CSA certified
- IP67 version optional

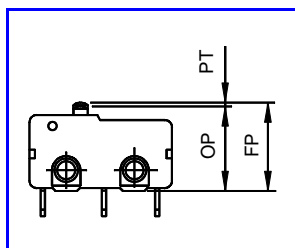


Wasserdichte Ausführung bis IP67 auf Anfrage!

Ask for waterproof micro-switches IP67

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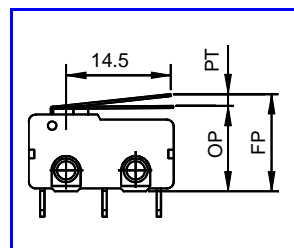
SM-05□-00□



OP: 11,4 +/-0,3mm
 PT: 1,1mm
 OT: 0,4mm
 MD: 0,2mm
 FP: 12,2mm
 OF: (S/H/L): 146/249/104cN

Order-No Type	
910100	SM-05S-00A
910104	SM-05S-00P

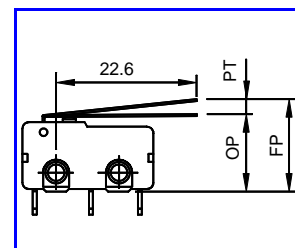
SM-05□-01□



OP: 11,8 +/-0,8mm
 PT: 3,6mm
 OT: 0,6mm
 MD: 0,8mm
 FP: 14,6mm
 OF: (S/H/L): 35 / 60 / 25cN

Order-No Type	
910110	SM-05S-01A
910114	SM-05S-01P

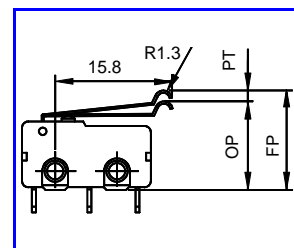
SM-05□-03□



OP: 11,8 +/-1,5mm
 PT: 6,1mm
 OT: 1,5mm
 MD: 0,8mm
 FP: 16,4mm
 OF: (S/H/L): 25 / 45 / 20cN

Order-No Type	
910130	SM-05S-03A
910134	SM-05S-03P

SM-05□-04□



OP: 13,7 +/-1,0mm
 PT: 4,6mm
 OT: 0,8mm
 MD: 0,8mm
 FP: 17,3mm
 OF: (S/H/L): 34 / 56 / 25cN

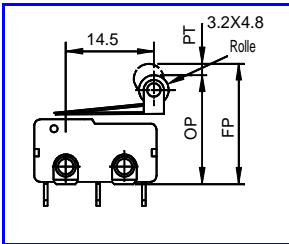
Order-No Type	
910140	SM-05S-04A
910144	SM-05S-04P

OP: Schaltpunkt *Operating Position*
 PT: max. Vorlaufweg *Pretravel*
 OT: min. Nachlaufweg *Overtravel*
 MD: max. Differenzweg *Movement Differential*
 FP: max. Ruhstellung *Free Position*
 OF: max. Schaltbetätigungskraft *Operating Force*



Mikroschalter *Microswitch SM*

SM-05□-05□

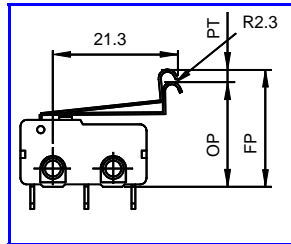


OP: 17,5 +/-0,8mm
 PT: 3,8mm
 OT: 0,8mm
 MD: 0,8mm
 FP: 20,5mm
 OF: (S/H/L): 35 / 60 / 25cN

Order-No Type

910150 SM-05S-05A
 910154 SM-05S-05P

SM-05□-06□

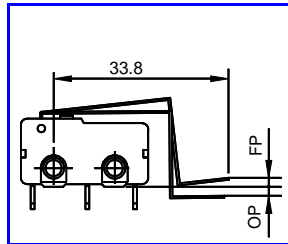


OP: 19,0 +/-1,5mm
 PT: 5,7mm
 OT: 1,0mm
 MD: 1,0mm
 FP: 23,2mm
 OF: (S/H/L): 28 / 48 / 20cN

Order-No Type

910160 SM-06S-01A
 910164 SM-06S-01P

SM-05□-08□

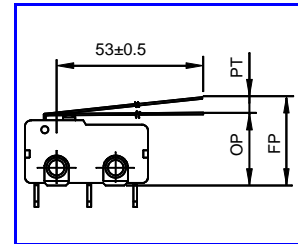


OP: -2,3 +/-3,0mm
 PT: 4,7mm
 OT: 1,0mm
 MD: 1,9mm
 FP: 5,4mm
 OF: (S/H/L): 20 / 30 / 15cN

Order-No Type

910180 SM-05S-08A
 910184 SM-05S-08P

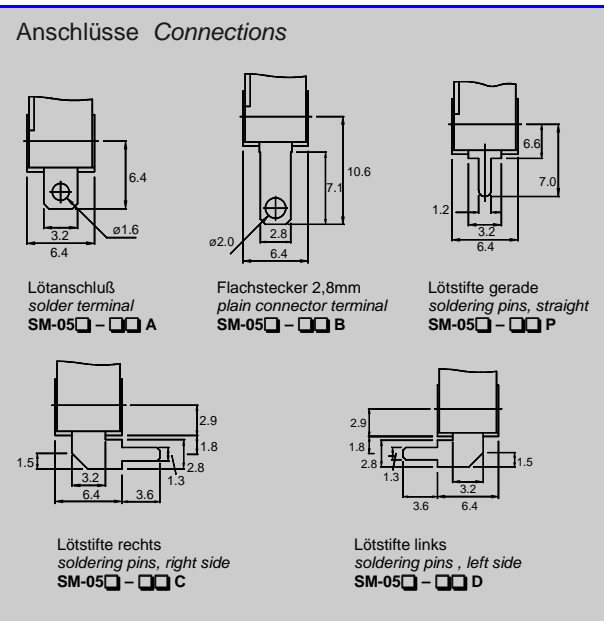
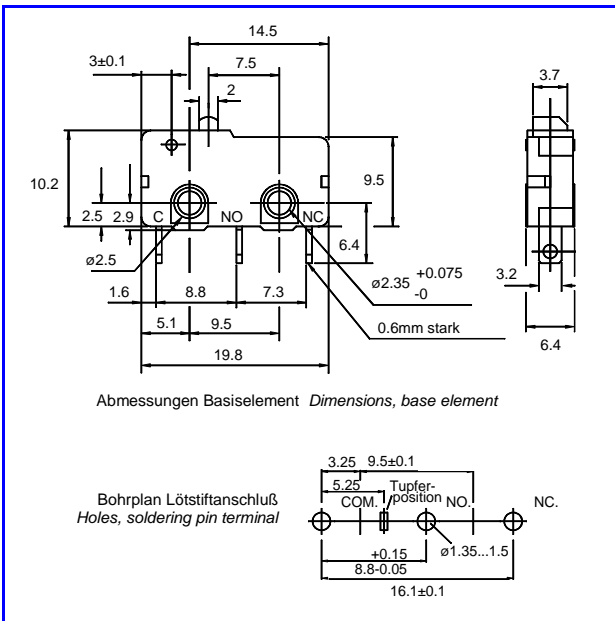
SM-05□-09□



OP: 11,8 +/-3,0mm
 PT: 13,3mm
 OT: 1,0mm
 MD: 2,9mm
 FP: 22,1mm
 OF: (S/H/L): 12 / 18 / 8cN

Order-No Type

910190 SM-05S-09A
 910194 SM-05S-09P



Techn. Daten SM

Schaltleistung <i>Switching capacity</i>	5A/250VAC (5A/125VAC), 1 Wechsler <i>5A/250VAC (5A/125VAC), 1 double-throw contact</i>
Max. Schaltfrequenz <i>Operating frequency</i>	Mech. 120 Schaltungen/min, elektrisch 10-30 /min <i>Mech. 120 operations/min, electrical 10-30 /min</i>
Kontaktübergangswiderstand <i>Contact resistance</i>	max. 30mOhm
Isolationswiderstand <i>Insulation resistance</i>	100MOhm bei min. 500VDC <i>100MOhm at min. 500VDC</i>
Kriech-/Luftstrecken <i>Dielectric strength</i>	1kV, 50-60Hz
Lagertemperatur <i>Storage temperature</i>	-25 - +85°C
Max. Luftfeuchtigkeit <i>Storage humidity</i>	85%
Elektr. Lebensdauer <i>Electr. service life</i>	6x10 ³ - 1x10 ⁶ Schaltspiele je nach Variante <i>6x10³ - 1x10⁶ depend on type</i>
Mech. Lebensdauer <i>Mechanical life</i>	> 10x10 ⁶ Schaltspiele (Grundelement) > 10x10 ⁶ switching cycles (base element)
Gewicht <i>Weight</i>	ca. 2g (Grundelement) <i>approx. 2g (base element)</i>

