## Key Switches

## Specifications:

Contact rating:
Contact resistance:
Insulation resistance:
Dielectric strength:
Operating temperature:
Mechanical life:
Contacts:
Terminals:
Material:
Mounting:
Soldering conditions:
$\max .20 \mathrm{~V} \mathrm{DC}, 0,4 \mathrm{~W}$
$<200 \mathrm{~m} \Omega$
$>100 \mathrm{M} \Omega$ at 100 V DC
$250 \mathrm{~V}, 50 \mathrm{~Hz}$ for the duration of 1 minute $-25^{\circ}$ to $+70^{\circ} \mathrm{C}$ minimum 10000 operations
gold-plated
PC terminals, brass, silver-plated
case: PBT, black
key: brass, nickel-plated; grip: plastic
on pc-board
auto-soldering - max.: $3 \mathrm{sec}, 245^{\circ} \mathrm{C} \pm 10^{\circ} \mathrm{C}$

| Models: | Switching functions |  |
| :--- | :--- | :---: |
|  | Key positions |  |
| I II III |  |  |
| S P D T | O K Key removable <br> X Key not removable |  |

Step angle $90^{\circ}$

| MRK 1012 A | on | - | on | O |
| :--- | :--- | :--- | :--- | :--- |
| MRK 1012 B |  |  |  |  |
| MRK 1022 B | on | - | on | O |
| X |  |  |  |  |
| MRK 1012 A - R | on | - | mom | O |
| X |  |  |  |  |
| MRK 1012 B - R | on | - | on | O |
| MRK 1022 B - R | on | - | on | O |
| X |  |  |  |  |



## Step angle $45^{\circ}$

| MRK 1031 D | on | on | on | 0 | 0 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MRK 1031 L | on | on | on | X | 0 | X |
| MRK 1041 L | mom | on | mom | X | 0 | X |
| MRK 1031 D - R | on | on | on | 0 | 0 | 0 |
| MRK 1031 L - R | on | on | on | X | 0 | X |
| MRK 1041 L - R | mom | on | mom | X | 0 | X |



2-pole switches and further key positions on request.

Switches are always supplied with 2 keys.


Models:

## SPDT

Step angle $90^{\circ}$
MRK 1012 A
MRK 1012 B
MRK 1022 B

## Step angle $45^{\circ}$

MRK 1031 D
MRK 1031 L
MRK 1041 L


## Step angle $90^{\circ}$

MRK 1012 A - R
MRK 1012 B - R
MRK 1022 B - R

## Step angle $45^{\circ}$

MRK 1031 D - R
MRK 1031 L - R
MRK 1041 L - R


## Special versions:*

Key switch with security casing:
Key switch with plastic case and plastic key

Type:
MRKC

*Minimum quantity and delivery time on request

