

See below:
Approvals and Compliances

## Description

## Weblinks

pdf data sheet, html datasheet, General Product Information, CAD-

- Available with various actuator colors Drawings, Product News, Detailed request for product
- High switching capacity
- Optional retaining bracket


## Unique Selling Proposition

- Different contacting materials for different applications
- High life time thanks to high quality materials
- Suitable for PCB mounting


## Technical Data

| Electrical Data | max. 48 VAC/ 48 VDC |
| :--- | :--- |
| Switching Voltage | $>100 ' 000$ actuations at Rated Swit- <br> ching Capacity |
| Lifetime | $>1000 \mathrm{M} \Omega$ |
| Insulation Resistance | AC: $2 \mathrm{~A} / \mathrm{DC}: 1.2 \mathrm{~A}$ |
| Contact Material Silver | $<10 \mathrm{~m} \Omega$ |
| Switching Current | 80 mA |
| Contact Resistance | $<20 \mathrm{~m} \Omega$ |
| Contact Material Gold | $3-5 \mathrm{~N}$ |
| Switching Current | $2.4 \pm 0.3 \mathrm{~mm}$ |
| Contact Resistance | $3.3 \pm 0.4 \mathrm{~mm}$ |
| Mechanical Data | $>100 \mathrm{~N}$ |
| Actuating Force | $>200 \mathrm{O} 00 \mathrm{actuations}$ |
| Actuating Travel |  |
| End Actuating Travel | End Stop Strength |


| Climatical Data |  |
| :--- | :--- |
| Operating Temperature | $-40^{\circ} \mathrm{C}-85^{\circ} \mathrm{C}$ |
| Storage Temperature | $-40^{\circ} \mathrm{C}-85^{\circ} \mathrm{C}$ |
| IP-Protection | IP 40 |
| Other Data | $\mathrm{Ag} / \mathrm{Au}$ |
| Contact Material |  |
| Soldering Data | $235^{\circ} \mathrm{C} / 2 \mathrm{sec}($ IEC 60068-2-20 Test Ta |
| Solderability | Method 1A) |
| Resistance to Soldering Heat | $260^{\circ} \mathrm{C} / 5$ sec (IEC 60068-2-20 Test Tb |
|  | Method 1) |
| Material |  |
| Socket | Thermoplastic (PC) |
| Button | Thermoplastic (PC) |
| Contact | gold (2 2 m Au on hard silver) |

## Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER

## Application standards

Application standards where the product can be used

| Organization | Design | Standard | Description |
| :--- | :--- | :--- | :--- |
| IEC | Designed for applications acc. | IEC/UL 62368-1 | IEC 62368-1 includes the basic requirements for safety of audio, video, <br> information technology and office equipment. |

## Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
| :--- | :--- | :--- | :--- |
| RoHS | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |

## Dimension [mm]



## Diagrams



All Variants

| Designation | Kontakte | Color Button | Bestellnummer |
| :--- | :--- | :--- | :--- |
| SDK SWITCH 0+S SW | Ag | black | 0041.0401 |
| SDK SWITCH 0+S RT | Ag | red | 0041.0402 |
| SDK SWITCH 0+S GN | Ag | green | 0041.0403 |
| SDK SWITCH 0+S SW | Au | black | 0041.0411 |
| SDK SWITCH 0+S RT | Au | red | 0041.0412 |
| SDK SWITCH 0+S GN | Au | green | 0041.0413 |
| RETAINING BRACKET SDK | - | - | 0701.0049 |

Most Popular.
Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

## Packaging unit <br> 100 pcs

