ADVANTAGE

High level of flexibility
High level of tolerance in use
Suitable for acoustically sensitive areas
High level of safety and reliability
Suitable for harsh environment
Numerous versions

PRODUCT FEATURES

- Change-over, diagnostics capability, center-off-version
- Large overtravel to adapt mechanical tolerances of periphery
- Noiseless switching system
- Redundant contact system for high switching reliability by double contacting, self-cleaning contact system due to wiping contacting
- Dust and water protection up to IP 67
- Different versions available regarding fastening pins, lever forms, customized cable assembly

EXAMPLES OF APPLICATION

- Automotive applications
  - Locking systems (rotary latches, pawls, cinching, key cylinder controls etc.)
  - Seat applications
  - Convertible top applications
  - Cockpits
- Off-road vehicles
- Heating- and climatic controls
- Lawn and garden appliances
- Security technology
- Industrial applications

### Mechanical life endurance

- 200E3

### Electrical life endurance

- 14 V DC 10 mA ≥ 200E3
- 30 V DC 100 mA ≥ 40E3

### Contact resistance (new condition)

- 500 mOhm

### Contact resistance (after lifetime)

- 1 Ohm

### Insulation resistance (new condition)

- > 100 mOhm (500 V DC)

### Switching voltage

- 5 – 30 V DC

### Switching current

- 1 – 100 mA

### Actuating angle (see specification)

- ≤ 40°

### Protection type

- Actuator and switch system of all basic types: IP 67
- Terminal basic type 1065 (or 1060, 1070 and 1075): IP 00
- Terminal basic type 1068 (or 1062, 1072 and 1078): IP 67

### Ambient temperature

- -40 °C … +85 °C

Technical changes reserved. Dimensions are not binding. Detailed specifications available on request.
## Variants

<table>
<thead>
<tr>
<th>Basic type 1065</th>
<th>Center-Off-Switch 1075</th>
<th>Diagnostics capable switch 1060/1070</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Image" /></td>
<td><img src="image2" alt="Image" /></td>
<td><img src="image3" alt="Image" /></td>
</tr>
</tbody>
</table>

- **Basic type 1065**
  - Normally closed / open or change-over version

- **Center-Off-Switch 1075**
  - Two normally open functions from center position
  - Three switching positions

- **Diagnostics capable switch 1060/1070**
  - Micro-signal switch with circuit monitoring (e.g. short circuit or cable break)
  - Three switching positions

## Drawings

(Dimensions in mm)

### Basic type 1065

![Image](image4)

### Center-Off-Switch 1075

![Image](image5)

## Installation Solutions

**Examples of installation:**

- Flexible and easy assembling; standard process and standard product

**Fastening disc:**

- Flexible and easy assembling; standard process and standard product